Welcome to the spring semester!

As we celebrate the 95th anniversary of Hartnell College, I welcome you to our community of learning excellence on behalf of the Hartnell College Board of Trustees, faculty, staff, and administration. At Hartnell College we are growing leaders through opportunity, engagement, and achievement.

We are proud to provide the people of our District with the opportunity to pursue a wide array of programs and services that meet their education and career goals. Our academic programs prepare students for transfer to a four-year institution and our career and technical education programs prepare them to enter a variety of occupations in the workforce of today and tomorrow. Engagement is central to the student experience at Hartnell College. Students engage in personal enrichment activities, artistic and cultural events, student clubs/organizations, academic support services, athletic programs, student internships, and student leadership activities. Long standing higher education research has demonstrated that students who are engaged in the campus community experience greater academic success. The achievement of education and career goals is realized through individual perseverance, support of outstanding faculty, staff, and administration, and the support of our stakeholders and partners.

There are so many exciting and stimulating activities, events, and programs that occur on a daily basis that is impossible to list them briefly in this message. However, I want to inform you that we have several exciting facilities projects recently completed or on the horizon. We recently opened a PE/Athletics Field House facility in the center of our athletics fields. This facility contains meeting rooms, a concession stand, restrooms, changing rooms, and a satellite sports medicine room. We recently opened the Technical Training Building at the Alisal Campus that is the home to our diesel technology program, automotive technology program, and our sustainable design and construction program. Currently under construction is a new science building. This 54,000 sf facility will include state of the art classrooms, laboratories, learning spaces, and a new planetarium. This new science building supports our continued vision of providing world class learning opportunities for students in science, technology, engineering, and math (STEM). The building will be completed in spring 2016.

The central focus of Hartnell College is student learning and we strive to create a stimulating learning environment. With a spirit of innovation and creativity, the faculty and staff constantly engage in activities designed to enhance the learning environment and to provide for the ever-changing needs of the students and the communities we serve. At Hartnell College you will find instructional excellence coupled with comprehensive and accessible learning support services.

Hartnell College is appreciated and admired by the communities it serves for its high quality academics, excellent facilities, forward thinking faculty and staff, outstanding support systems and effective management of resources. Hartnell College has a history of success and a future of unlimited possibilities as we grow leaders through opportunity, engagement, and achievement. We look forward to adding you to our list of success stories.

See you on our campuses…

Willard Clark Lewallen, Ph.D.
Superintendent/President
wlewallen@hartnell.edu
TABLE OF CONTENTS
See Page 86 for Steps to Success at Hartnell College

COURSES
Admission and Enrollment Information ........ 83-84
Attendance Policy .................................. 115
Audit Policy ......................................... 113
BOGFW application ................................. 91-94
Building & Room Legends .......................... 5
California Dream Application ....................... 95-96
Campus Map ......................................... 4
CAT Card/Student ID Card ......................... 110
Counseling Faculty/Atpt Information ................ 102-104
Course Identification Numbering System (C-ID) .... 6-7
Course Repeat Policy ................................ 114
Disabled Students Program and Services .......... 111
Drop/Add Information ................................ 105
Emergency Communications ....................... 116
Enroll Online ........................................ 105
EOPS .................................................. 111
Express Add Codes ................................... 106
Fees and Tuition ..................................... 107-109
Final Exam Schedule .................................. 117
Financial Aid ......................................... 107
General Ed. Requirements
Hartnell ................................................ 9-10
CSU ................................................... 11-12
IGETC ............................................... 13-14
High School Equivalency Program .................. 116
How to Read this Schedule ............................ 5
In-Person Registration Info ........................... back cover
Mission Statement ................................... 1
Non-Residential/Foreign Tuition ...................... 87-88
Off Campus Locations and Addresses ............. 5
Orientation .......................................... 99
Parking ............................................... 115
PAWS Registration ................................... 105, back cover
Petition for Delay of Payment –
Out of State Students ................................ 89-90
Policies ................................................ 113-115
Pre-Requisites, Corequisites & Advisories ........ 102
STAAR* Testing ...................................... 100-101
Standards of Student Conduct ....................... 113
Steps to Success ...................................... 86
Student Fee Refund Information ...................... 109
Student Activities Fee ................................ 107
Student Semester Calendar .......................... 2
Telephone Number & Office Hours .................. 116
TRIO Program ....................................... 111
Waitlist Information ................................... 105

OPEN ENROLLMENT
It is the policy of Hartnell Community College District that, unless health, safety, or limited facilities is a factor in the conduct of a course, every course, course section, or class, wherever offered and maintained by the college, shall be fully open to enrollment and participation by any person who has been admitted to the college and who meets the required prerequisites for such course, course section, or class.

Please check our website for the latest listing of courses:
www.hartnell.edu

HARTNELL COMMUNITY COLLEGE
DISTRICT GOVERNING BOARD OF TRUSTEES
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President
Patricia Donohue
Vice President
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Hector Moya
Student Trustee
Dr. Willard Lewallen
Superintendent/President

ACCREDITATION
Hartnell College is accredited by the Western Association of Schools and Colleges, (10 Commercial Boulevard, Suite 204, Novato, CA 94949 (415) 506-0234). The California Board of Registered Nursing, the California Board of Vocational Nurse and Psychiatric Technicians, the National Academy of Early Childhood Programs, the Committee on Accreditation for Respiratory Care, and the California Community Colleges Board of Governors. It has the approval of the State Department of Education to train veterans under Public Law 874 and Public Law 550. It also has the approval of the U.S. Immigration and Naturalization Service to educate foreign students.

VISION STATEMENT
Hartnell College will be nationally recognized for the success of our students by developing leaders who will contribute to the social, cultural, and economic vitality of our region and the global community.

MISSION STATEMENT
Focusing on the needs of the Salinas Valley, Hartnell College provides educational opportunities for students to reach academic goals in an environment committed to student learning, achievement and success.
**All students are required to pay their enrollment fees and any outstanding balances by the deadline or you May 28, 2016.**

*Students who miss their priority reg. date can register any day after through January 19, 2016 using PAWS or In-Person registration.*

**All students are required to pay their enrollment fees and any outstanding balances by the deadline or you will be dropped from all Spring 2016 classes. If you add classes after your initial registration, you must check your account balance and pay any additional fees before the next payment deadline or will be dropped from all your Spring 2016 classes, even those you registered for earlier. Please see page 108 for important Payment Deadline Dates.*
ADMISSIONS & ENROLLMENT INFORMATION

WHO MAY ATTEND

Admission is open to anyone who is:

- 16 years old or older, or
- A high school graduate or equivalent GED test or the California High School Proficiency Exam or
- Students currently enrolled in grades K-12 with a completed Concurrent Enrollment Petition*

HOW TO APPLY

New, New Transfer, and Returning Students: Applications are being accepted through the first week of school; registration appointment date and time will be issued at the time of submission of a Hartnell Application for Admission. The earlier your Application for Admission is submitted, the earlier your priority registration appointment will be. Classes fill quickly so apply early. Admissions Applications will be available online through CCCApply. Please follow this link http://www.hartnell.edu/application-admission-0 to apply online.

NOTE: California state law allows you to submit your application and residency information electronically without a manual signature. Your completion of the CCCApply on-line application will provide the necessary verification for electronic submission. The security and privacy of the information in your submitted application are protected as described by Ed Code Section 54300.

RESIDENCY:

For purposes of establishing tuition fees, students are identified as either residents or non-residents. The full residency policy can be found in the current college catalog.

Residents: those who have lived in California as legal residents for at least one year prior to the first day of a new semester and who can demonstrate intent to remain a California resident. Non-citizens who meet residency requirements and who desire to enroll as a California resident may be required to provide documentation from the Immigration and Naturalization Service.

Non-residents: those who do not meet the California resident requirements are considered non-resident students and will be required to pay non-residency tuition fees.

Nonresident Tuition Exemption

In 2001 the California legislature passed a law (AB540) that exempts certain categories of students from paying nonresident tuition. To be eligible you must have completed at least three years of high school and have graduated (or earned a high school equivalency) while living and attending school in California. Submit the form to the Admissions Office for review.

If you feel you are eligible for this special exemption, submit the California Nonresident Tuition Exemption request form to the Admissions & Records Office for review. The form is available in this schedule or it can be picked up in the Admissions Office.

HOW & WHEN TO REGISTER

Continuing Students: November 2 – January 19, 2016: using PAWS on-line registration. Registration appointments are automatically assigned to continuing students, based on the students standing, matriculation status and units accumulated at Hartnell as of the end of the Spring 2015 semester. Students will be notified of their priority registration date early October 2015.

First time and fully matriculated students: November 4 – January 19, 2016: using PAWS on-line registration. Registration appointments are automatically assigned to new students based on their matriculation status. Students will be notified of their priority registration date early October 2015.

All students (except Concurrent K-12 students): November 13 – January 19, 2016: using PAWS on-line registration. Applications for Admission received before November 12th, 2015, will receive a priority registration date of November 13th. Note: the on-line application may take up to two working days to process.

Concurrent Students: January 11 – January 19, 2016: using PAWS on-line registration. Applications for Admission and approved Concurrent Enrollment Petitions must be on file with Admissions and Records before January 7, 2016. Note: the on-line application may take up to two working days to process.

CONCURRENT ENROLLMENT STUDENTS:

Those students whose age or class equals 9 – 12 may attend Hartnell College as a special part-time student. Concurrent Enrollment packets are available for pick up from the Admissions Office, from the web at http://live-hartnell.gotpantheon.com/registration-steps or from your local high school counseling department. Concurrent Enrollment students must submit an Application for Admission each semester until high school graduation. Concurrent Enrollment students must submit an approved form that is signed by the student’s parent as well as their school principal or counselor. Concurrent Enrollment students may enroll for up to 9.0 units for fall and spring semesters; and 6.0 units for summer.

Students enrolled in K – 8 grade are not eligible to attend any credit or non-credit course, except for those courses specifically designed for students at that grade and age level (Academic camps for young students and children’s theater.) K-8 Concurrent students must register In-Person in the Admissions & Records Office at our Main Campus, Alisal Campus, or the King City Education Center from January 11-19, 2016. Registration will be completed on a first-come; first-serve basis.

High School Students in Grades 9 – 12 may register using PAWS on-line registration beginning January 11-19, 2016 provided that an Application for Admissions and approved Concurrent Enrollment form is on file with Admissions & Records before January 7, 2016. Otherwise, in-person registration may still be completed on a first-come; first-serve basis in the Admissions & Records Office at our Main Campus, Alisal Campus, or the King City Education Center..

Important Note: By giving consent, parents of concurrently enrolled students agree they understand that the college is an adult learning environment and students are expected to behave accordingly. Additionally, they understand that classes will be taught at the college level and the curriculum and college procedures will not be modified nor will other accommodations be made.

Late Registration Hours:

January 11 – 19, 2016

Monday -Thursday 8:00am – 6:00pm, Friday 8:00am – 5:00pm
PAWS is available till midnight.
HOW TO READ THIS SCHEDULE

See BUILDING AND ROOM LEGEND →
The Alternative Transportation Committee of Hartnell College encourages students, faculty, and staff to carpool, ride MST, bike, or walk to the Main Campus. Please watch for our on-campus activities throughout the semester (Clean Air Month; Bike to Work Week and other Alternative Transportation events).

**TRANSIT BUS PASS**: Monterey-Salinas Transit (MST) bus passes may be purchased monthly at the Cashier’s Office. MST is improving service to the campus. MST’s Line 20 Monterey-Salinas and the South County Express bus Line 23 Salinas-King City stop right at Hartnell College’s “front door.”

**BI CYCLING**: Salinas has 70 miles of bikeways. There are many convenient bicycle racks near campus buildings. Cycling and walking offer excellent exercise.

**RIDESHARING**: Commute Alternatives offers a free carpool matching service. Hartnell currently offers eight carpool parking spaces on the ground level of the parking structure. Stop by the cashier’s office in Building B and complete a Carpool Parking Application to receive a FREE Carpool parking permit.

**EMERGENCY GUARANTEED RIDE HOME** The Emergency Guaranteed Ride Home program provides free taxi rides to those who register and use alternative transportation modes at least 1 day a week and have an emergency situation that day. For information and to sign up, call 422-POOL.

For much more information visit us on the web at: [http://www.hartnell.edu/alttrans/](http://www.hartnell.edu/alttrans/)
Course Identification Numbering System (C-ID)

The Course Identification Numbering System (C-ID) is a statewide numbering system used for transfer courses that is independent of the actual course numbers assigned. Each C-ID number identifies a lower-division, transferable course commonly articulated between the California community colleges and CSU, and independent colleges/universities. The C-ID number conveys that any course at another college bearing the same C-ID number will be accepted by that institution. In other words the C-ID designation can be used to identify comparable courses at different institutions. Students should check with a counselor to determine how C-ID designated courses fit into their educational plans for transfer.

Students may consult the ASSIST database at www.assist.org for specific information on C-ID course designations and to confirm how each course will be accepted at a particular four-year institution. Counselors can always help them interpret or explain this information.

Each campus retains its own course number prefix and numbers. An example of the C-ID numbering system is Hartnell College’s English 1A (C-ID ENGL 100). The number 1A is Hartnell College’s number; C-ID ENGL 100 is the designation that is used to number the equivalent articulated course in the C-ID numbering system. Many of the C-ID numbered courses will be found in the Associate Degree for Transfer (AA-T or AS-T) degrees.

<table>
<thead>
<tr>
<th>C-ID Courses at Hartnell</th>
<th>C-ID Courses at Hartnell</th>
</tr>
</thead>
<tbody>
<tr>
<td>ABT-57 Agriculture Computer Applications</td>
<td>C-ID AG AB 108L</td>
</tr>
<tr>
<td>ABT-90 Soil Science</td>
<td>C-ID AG PS 128L</td>
</tr>
<tr>
<td>ABT-92 Plant Science</td>
<td>C-ID AG PS 106L</td>
</tr>
<tr>
<td>ADJ-1 Introduction to Administration of Justice</td>
<td>C-ID AJ 110</td>
</tr>
<tr>
<td>ADJ-2 Community Relations and the Justice System</td>
<td>C-ID AJ 160</td>
</tr>
<tr>
<td>ADJ-3 Concepts of Criminal Law</td>
<td>C-ID AJ 120</td>
</tr>
<tr>
<td>ADJ-4 Criminal Evidence</td>
<td>C-ID AJ 124</td>
</tr>
<tr>
<td>ADJ-5 Criminal Court Process</td>
<td>C-ID AJ 122</td>
</tr>
<tr>
<td>ADJ-8 Criminal Investigation</td>
<td>C-ID AJ 140</td>
</tr>
<tr>
<td>ADJ-10 Juvenile Procedures</td>
<td>C-ID AJ 220</td>
</tr>
<tr>
<td>ADJ-50 Introduction to Corrections</td>
<td>C-ID AJ 200</td>
</tr>
<tr>
<td>ADJ-51 Control and Supervision in Corrections</td>
<td>C-ID SOCI 160</td>
</tr>
<tr>
<td>ADJ-76 Introduction to Forensics</td>
<td>C-ID AJ 150</td>
</tr>
<tr>
<td>ANT-1 Physical Anthropology</td>
<td>C-ID ANTH 110</td>
</tr>
<tr>
<td>ART-1A Art History Survey I</td>
<td>C-ID ARTH 110</td>
</tr>
<tr>
<td>ART-1B Art History Survey II</td>
<td>C-ID ARTH 120</td>
</tr>
<tr>
<td>ART-10 Art Appreciation</td>
<td>C-ID ARTH 100</td>
</tr>
<tr>
<td>ART-12A Design</td>
<td>C-ID ARTS 100</td>
</tr>
<tr>
<td>ART-13 Three-Dimensional Design</td>
<td>C-ID ARTS 101</td>
</tr>
<tr>
<td>ART-3 Drawing and Composition</td>
<td>C-ID ARTS 110</td>
</tr>
<tr>
<td>ART-15A Ceramics A</td>
<td>C-ID ARTS 230</td>
</tr>
<tr>
<td>ART-72 Introduction to Digital Arts</td>
<td>C-ID ARTS 250</td>
</tr>
<tr>
<td>ART-33 Weaving as an Art Form</td>
<td>C-ID ARTS 282</td>
</tr>
<tr>
<td>BIO-1 Fundamental Biological Concepts</td>
<td>C-ID BIOL 190</td>
</tr>
<tr>
<td>BIO-1 + BIO-2 + BIO-3 Fundamental Biological Concepts + General Zoology + General Botany</td>
<td>C-ID BIOL 135S</td>
</tr>
<tr>
<td>BIO-2 + BIO-3 General Zoology + General Botany</td>
<td>C-ID BIOL 140</td>
</tr>
<tr>
<td>BIO-3 General Botany</td>
<td>C-ID BIOL 155</td>
</tr>
<tr>
<td>BIO-5 Human Anatomy</td>
<td>C-ID BIOL 110B</td>
</tr>
<tr>
<td>BIO-6+ BIO-6L Introductory to Physiology + Physiology Laboratory</td>
<td>C-ID BIOL 120B</td>
</tr>
<tr>
<td>BUS-1A Financial Accounting</td>
<td>C-ID ACCT 110</td>
</tr>
<tr>
<td>BUS-1B Managerial Accounting</td>
<td>C-ID ACCT 120</td>
</tr>
<tr>
<td>BUS-18 Legal Environment of Business</td>
<td>C-ID BUS 120</td>
</tr>
<tr>
<td>BUS-32 Introduction to Business</td>
<td>C-ID BUS 110</td>
</tr>
<tr>
<td>CHM-1A General Chemistry I</td>
<td>C-ID CHEM 110</td>
</tr>
<tr>
<td>CHM-1A + CHM-1B General Chemistry I + General Chemistry II</td>
<td>C-ID CHEM 120S</td>
</tr>
<tr>
<td>CHM-12A Organic Chemistry I</td>
<td>C-ID CHEM 150</td>
</tr>
<tr>
<td>CHM-12B Organic Chemistry II</td>
<td>C-ID CHEM 160S</td>
</tr>
<tr>
<td>CHM-22 The Science of Chemistry</td>
<td>C-ID CHEM 101</td>
</tr>
<tr>
<td>COM-1 Introduction to Public Speaking</td>
<td>C-ID COMM 110</td>
</tr>
<tr>
<td>COM-8 Interpersonal Communication</td>
<td>C-ID COMM 130</td>
</tr>
<tr>
<td>COM-20 Argumentation and Debate</td>
<td>C-ID COMM 120</td>
</tr>
<tr>
<td>COM-35 Intercultural Communications</td>
<td>C-ID COMM 150</td>
</tr>
<tr>
<td>CSS-1 Introduction to Computer Science &amp; Programming Fundamentals</td>
<td>C-ID COMP 112</td>
</tr>
<tr>
<td>CSS-1 Introduction to Computer Science &amp; Programming Fundamentals</td>
<td>C-ID ITIS 130</td>
</tr>
<tr>
<td>CSS-3 Computer Architecture and Assembly Language Programming</td>
<td>C-ID COMP 142</td>
</tr>
<tr>
<td>CSS-44 Computer Science &amp; Information Systems</td>
<td>C-ID IT IS 120</td>
</tr>
<tr>
<td>ECE-1 Principles and Practices of Teaching Young Children</td>
<td>C-ID ECE 120</td>
</tr>
<tr>
<td>ECE-2 Child, Family and Community Relations</td>
<td>C-ID CDEV 110</td>
</tr>
<tr>
<td>ECE-4 Introduction to Curriculum</td>
<td>C-ID ECE 130</td>
</tr>
<tr>
<td>ECE-10 Observation and Assessment</td>
<td>C-ID ECE 200</td>
</tr>
<tr>
<td>ECE-12A Preschool Theory and Practicum</td>
<td>C-ID ECE 210</td>
</tr>
<tr>
<td>ECE-19 Nutrition in the Child Care Setting</td>
<td>C-ID ECE 220</td>
</tr>
<tr>
<td>ECE-53 Teaching in a Diverse Society</td>
<td>C-ID ECE 230</td>
</tr>
<tr>
<td>ECO-1 Principles of Macroeconomics</td>
<td>C-ID ECON 202</td>
</tr>
<tr>
<td>ECO-5 Principles of Microeconomics</td>
<td>C-ID ECON 201</td>
</tr>
<tr>
<td>EDU-1 Multicultural Perspective of Education</td>
<td>C-ID EDUC 200</td>
</tr>
<tr>
<td>ENG-1A College Composition and Reading</td>
<td>C-ID ENGL 100</td>
</tr>
<tr>
<td>ENG-1B College Literature and Composition</td>
<td>C-ID ENGL 120</td>
</tr>
<tr>
<td>ENG-2 Critical Thinking and Writing</td>
<td>C-ID ENGL 105</td>
</tr>
<tr>
<td>ENG-31 Beginning Creative Writing</td>
<td>C-ID ENGL 200</td>
</tr>
<tr>
<td>ENG-44A World Literature I</td>
<td>C-ID ENGL 140</td>
</tr>
<tr>
<td>ENG-44B World Literature II</td>
<td>C-ID ENGL 145</td>
</tr>
<tr>
<td>ENG-46A Survey of British Literature I</td>
<td>C-ID ENGL 160</td>
</tr>
<tr>
<td>ENG-46B Survey of British Literature II</td>
<td>C-ID ENGL 165</td>
</tr>
<tr>
<td>ENG-47A Survey of American Literature I</td>
<td>C-ID ENGL 130</td>
</tr>
<tr>
<td>ENG-47B Survey of American Literature II</td>
<td>C-ID ENGL 135</td>
</tr>
<tr>
<td>ENG-48 Introduction to Children’s Literature</td>
<td>C-ID ENGL 180</td>
</tr>
<tr>
<td>FCS-14 Child Development</td>
<td>C-ID CDEV 100</td>
</tr>
<tr>
<td>FCS-23 Nutrition</td>
<td>C-ID NUTR 110</td>
</tr>
<tr>
<td>GEG-1 Geography Physical Elements</td>
<td>C-ID GEOG 110</td>
</tr>
<tr>
<td>GEG-10 Geography and World Affairs: A Regional Approach</td>
<td>C-ID GEOG 125</td>
</tr>
<tr>
<td>GEL-1 Physical Geology</td>
<td>C-ID GEOL 101</td>
</tr>
<tr>
<td>GEL-2 Introduction to Geology</td>
<td>C-ID GEOL 100</td>
</tr>
<tr>
<td>GEL-6 History of the Earth</td>
<td>C-ID GEOL 111</td>
</tr>
<tr>
<td>GEL-25 Environmental Geology</td>
<td>C-ID GEOL 130</td>
</tr>
<tr>
<td>GEL-36 California Geology</td>
<td>C-ID GEOL 200</td>
</tr>
<tr>
<td>HED-55 Health Education-Advanced First Aid</td>
<td>C-ID KIN 101</td>
</tr>
<tr>
<td>HIS-4A Western Civilization A</td>
<td>C-ID HIST 170</td>
</tr>
<tr>
<td>Course Code</td>
<td>Course Title</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>MUS-1A</td>
<td>Music Appreciation—Historical Perspective</td>
</tr>
<tr>
<td>MUS-1B</td>
<td>Music Appreciation—Genre Perspective</td>
</tr>
<tr>
<td>MUS-11</td>
<td>Applied Music—Instrumental</td>
</tr>
<tr>
<td>MUS-20</td>
<td>Hartnell College Choir</td>
</tr>
<tr>
<td>MUS-21</td>
<td>Hartnell Chamber Singers</td>
</tr>
<tr>
<td>MUS-23.1</td>
<td>Renaissance/Baroque Emphasis</td>
</tr>
<tr>
<td>MUS-23.2</td>
<td>Hartnell Chorale-Classic/Romantic Emphasis</td>
</tr>
<tr>
<td>MUS-23.3</td>
<td>Hartnell Chorale-20th Century Emphasis</td>
</tr>
<tr>
<td>MUS-23.4</td>
<td>Hartnell Chorale-21st Century “Pops” Emphasis</td>
</tr>
<tr>
<td>MUS-23.5</td>
<td>Hartnell Chorale-21st Century Emphasis</td>
</tr>
<tr>
<td>MUS-24</td>
<td>Estudiantina Hartnell</td>
</tr>
<tr>
<td>MUS-25</td>
<td>Hartnell College Wind Ensemble</td>
</tr>
<tr>
<td>MUS-26</td>
<td>Jazz Ensemble</td>
</tr>
<tr>
<td>MUS-29.1</td>
<td>Symphonic Band-18th Century Emphasis</td>
</tr>
<tr>
<td>MUS-29.2</td>
<td>Symphonic Band-19th Century Emphasis</td>
</tr>
<tr>
<td>MUS-29.3</td>
<td>Symphonic Band-20th Century Emphasis</td>
</tr>
<tr>
<td>MUS-29.4</td>
<td>Symphonic Band-20th Century “Pops” Emphasis</td>
</tr>
<tr>
<td>MUS-29.5</td>
<td>Symphonic Band-21st Century Emphasis</td>
</tr>
<tr>
<td>MUS-34.1</td>
<td>Symphony Orchestra-18th Century Emphasis</td>
</tr>
<tr>
<td>MUS-34.2</td>
<td>Symphony Orchestra-19th Century Emphasis</td>
</tr>
<tr>
<td>MUS-34.3</td>
<td>Symphony Orchestra-20th Century Emphasis</td>
</tr>
<tr>
<td>MUS-34.4</td>
<td>Symphony Orchestra-20th Century “POPS”</td>
</tr>
<tr>
<td>MUS-34.5</td>
<td>Symphony Orchestra-21st Century Emphasis</td>
</tr>
<tr>
<td>MUS-46</td>
<td>Music Theory and Musicianship</td>
</tr>
<tr>
<td>MUS-46</td>
<td>Music Theory and Musicianship</td>
</tr>
<tr>
<td>MUS-47</td>
<td>Music Theory and Musicianship I</td>
</tr>
<tr>
<td>MUS-47</td>
<td>Music Theory and Musicianship</td>
</tr>
<tr>
<td>MUS-48</td>
<td>Music Theory and Musicianship II</td>
</tr>
<tr>
<td>MUS-48</td>
<td>Music Theory and Musicianship II</td>
</tr>
<tr>
<td>MUS-49</td>
<td>Music Theory and Musicianship III</td>
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<tr>
<td>MUS-49</td>
<td>Music Theory and Musicianship III</td>
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<tr>
<td>MUS-50A</td>
<td>Harmony I</td>
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<tr>
<td>MUS-51A</td>
<td>Music Theory and Musicianship</td>
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<tr>
<td>MUS-52B</td>
<td>Harmony IV</td>
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<td>MUS-53B</td>
<td>Music Theory and Musicianship IV</td>
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<tr>
<td>PETH-1</td>
<td>Introduction to Kinesiology</td>
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<tr>
<td>PHL-10</td>
<td>Ethics</td>
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<tr>
<td>PHY-2A</td>
<td>College Physics I</td>
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<tr>
<td>PHY-2B</td>
<td>College Physics II</td>
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<td>PHY-4A</td>
<td>General Physics/Engineering Mechanics</td>
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<td>PHY-4B</td>
<td>General Physics/Electricity and Magnetism</td>
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<tr>
<td>PHY-4C</td>
<td>General Physics/Waves, Heat, Light and Modern</td>
</tr>
<tr>
<td>PHY-32</td>
<td>Survey of Chemistry and Physics</td>
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<tr>
<td>POL-1</td>
<td>American Political Institutions</td>
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<tr>
<td>POL-2</td>
<td>Contemporary Governments Abroad</td>
</tr>
<tr>
<td>POL-3</td>
<td>Introduction to International Relations</td>
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<tr>
<td>PSY-2</td>
<td>General Psychology</td>
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<tr>
<td>PSY-6</td>
<td>Social Psychology</td>
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<tr>
<td>PSY-8</td>
<td>Introduction to Research Methods in Psychology</td>
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<tr>
<td>PSY-10</td>
<td>Introduction to Biological Psychology</td>
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<tr>
<td>PSY-15</td>
<td>Introduction to Human Sexuality</td>
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<td>PSY-22</td>
<td>Abnormal Psychology</td>
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<td>PSY-25</td>
<td>Developmental Psychology</td>
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<td>PSY 33</td>
<td>Personal and Social Adjustment</td>
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<td>SOC-1</td>
<td>Introduction to Sociology</td>
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<td>SOC-5</td>
<td>Introduction to Social Problems</td>
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<td>SOC-41</td>
<td>Marriage and Family</td>
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<td>SOC-42</td>
<td>The Sociology of Minority Relations</td>
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<td>SOC-20</td>
<td>Sociology of Gender and Society</td>
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<tr>
<td>SPA-1</td>
<td>Elementary Spanish</td>
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<tr>
<td>SPA-1X</td>
<td>Elementary Spanish for Chicano Students</td>
</tr>
<tr>
<td>SPA-2</td>
<td>Elementary Spanish</td>
</tr>
<tr>
<td>SPA-2S</td>
<td>Elementary Spanish for Chicano Students</td>
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<tr>
<td>SPA-2X</td>
<td>Elementary Spanish for Chicano Students</td>
</tr>
<tr>
<td>SPA-4</td>
<td>Intermediate Spanish</td>
</tr>
<tr>
<td>SPA-4S</td>
<td>Intermediate Spanish for Spanish Speakers</td>
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<tr>
<td>THA-1</td>
<td>Introduction to Theatre</td>
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<td>THA-2</td>
<td>Script Analysis</td>
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<td>THA-3</td>
<td>History of the Theatre</td>
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<tr>
<td>THA-10</td>
<td>Beginning Acting</td>
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<td>THA-11</td>
<td>Acting II</td>
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<tr>
<td>THA-20</td>
<td>Introduction to Ensemble Play Production</td>
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<tr>
<td>THA-21</td>
<td>Introduction to Modern Play Production</td>
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<tr>
<td>THA-23</td>
<td>Introduction to Musical Theatre Production</td>
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<tr>
<td>THA-24</td>
<td>Introduction to World Theatre Production</td>
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<tr>
<td>THA-25</td>
<td>Introduction to Revival Play Production</td>
</tr>
<tr>
<td>THA-26</td>
<td>Stage Scenic Construction</td>
</tr>
<tr>
<td>THA-27</td>
<td>Scenic Painting, Properties, and Technical</td>
</tr>
<tr>
<td>THA-28</td>
<td>Makeup/Hair Techniques for the Stage</td>
</tr>
<tr>
<td>THA-29</td>
<td>Stage Lighting and Sound</td>
</tr>
<tr>
<td>THA-30</td>
<td>Fundamentals of Theatre Design</td>
</tr>
<tr>
<td>THA-41</td>
<td>Fundamentals of Costume Design</td>
</tr>
</tbody>
</table>
For information about how you can support the college, please contact the Office of Institutional Advancement at 831-755-6810 or at giving@hartnell.edu. Visit us at www.hartnellfoundation.org. This list includes donors of $10,000+ in 2013-14 and 2014-2015 as well as $100,000+ cumulative giving.
# General Education Requirements

**Student’s Name:**

<table>
<thead>
<tr>
<th>Last</th>
<th>First</th>
<th>MI</th>
<th>ID Number</th>
<th>AP Exams or Other College Courses</th>
<th>C*</th>
<th>IP*</th>
<th>N*</th>
</tr>
</thead>
</table>

## Language and Rationality: (9 units minimum)

**A. WRITTEN COMPOSITION: (3 UNITS)**
Completion of English 1A or English 1A–Multicultural Perspective, with a grade of ‘C’ or better fulfills the Written Expression requirement.

**B. COMMUNICATION AND ANALYTICAL THINKING: (6 UNITS)**
Completion of any Math course shown below (B1) with a grade of ‘C’ or better fulfills the Math Competency requirement. In addition, choose course(s) from either category below to complete the remaining 6.0 unit requirement.

1. Mathematics 2, 3A, 3B, 3C, 4, 5, 10, 12, 13, 16, 24, 25, 123 (or 123L4)
   **NOTE:** A maximum of 5 units of Math 123, Intermediate Algebra, may be applied towards the Associate Degree Requirements.

2. American Sign Language 1, 2, 3; Business 1A, 43; Communication (formally Speech) 1, 3, 5, 8, 20, 35; Computer Sciences & Information Systems 1, 2A, 2B, 3, 4, 31, 44, 123; Counseling 1, 23, 27; English 1B, 1B–Multicultural Perspective; Library Instruction 2, 5, 6; 7 Philosophy 15; Spanish 1, 1S, 1X, 2, 2S, 2X, 3, 3S, 4, 4S

## Natural Science: (3 units minimum)

Agriculture Business Technology 90, 92; Anthropology 1; Astronomy 1, 1L; Biology 1, 2, 3, 5, 6, 6L, 10, 11, 12, 13, 18, 20, 27, 30, 42, 47, 48, 48L; Chemistry 1A, 1B, 12A, 12B, 22, 23, 60; Geography 1; Geology 1, 2, 6, 25; Meteorology 1; Oceanography 1; Physics 2A, 2B, 4A, 4B, 4C, 10, 32

## Social/Behavioral Science: (3 units minimum)

Administration of Justice 1, 51; AgriBusTech 53; Alcohol & Other Drugs 1; Anthropology 1, 2, 3, 10, 15, 20; Business 32; Communication (formally Speech) 35; Economics 1, 5, 10; Ethnic Studies 1, 2, 3, 4, 5, 6, 12, 25; Family and Consumer Studies 14; Geography 1, 2, 10; Health Education 2, 7; History 1A, 1B, 5A, 6, 8A, 8B, 10, 17A, 17B, 40, 46A, 46B, 47, 49A, 49B, 51, 55; Philosophy 2, 10, 15; Political Science 1, 2, 3, 5, 6; Psychology 2, 6, 8, 10, 12, 14, 15, 22, 25, 33, 41, 42; Sociology 1, 5, 15, 20, 41, 42

## Humanities: (3 units minimum)

American Sign Language 1, 2, 3 (formerly Counseling 80, 81, 83); Anthropology 2, 3, 20; Art 1A, 1B, 3, 10, 12A, 15A, 15B, 70, 72, 80; English 1B, 17, 22, 24, 26, 31, 32, 33, 41, 44A, 44B, 46A, 46B, 47A, 47B, 50, 51; Ethnic Studies 6, 12, 25; History 40, 47, 51; Music 1A, 2, 5, 6, 7, 8, 20, 21, 23.1, 23.2, 23.3, 23.4, 23.5, 24, 25, 26, 29.1, 29.2, 29.3, 29.4, 29.5, 34.1, 34.2, 34.3, 34.4, 46, 47, 48, 49, 50, 51; Philosophy 2, 10; Photography 1, 2, 4; Spanish 1, 1S, 1X, 2, 2S, 2X, 3, 3S, 4, 4S; Theater Arts 1, 3, 18, 20, 21, 23, 24, 25, 26, 29, 40, 122, 142, 172, 182

## Ethnic Groups in the United States: (3 units minimum)

Alcohol & Other Drugs 4; Anthropology 10, 15; Communication (formally Speech) 35; Early Childhood Education 53; Education 1; English 1A–Multicultural Perspective;** English 1A–Multicultural Perspective; 26; Ethnic Studies 1, 2, 3, 4, 5, 6, 12, 25; Health Ed 6; History 10, 40, 46A, 46B, 49A, 49B; Music 5, 6, 7, 8; Sociology 15, 20, 42

**NOTE:** **Only** students in the Nursing (RN) degree program can use ENG-1A-Multicultural Perspective for the Ethnic Groups requirement. For this program, the course will fulfill both this requirement and the ENG 1A Written Expression competency requirement.

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**LEGEND**

- C=Completed
- OC=Other College/Exam Completed
- IP=In Progress
- N=Needed

## CHOSEN MAJOR PROGRAM:

Please see Hartnell College 2015-16 catalog for Major Program options
HARTNELL COLLEGE
2015-2016 REQUIREMENTS FOR
ASSOCIATE OF ARTS & ASSOCIATE OF SCIENCE DEGREES

2015-2016 ASSOCIATE DEGREE REQUIREMENTS

A. Students are eligible for graduation upon the satisfactory completion of a minimum of sixty (60) semester degree-applicable units (courses numbered 1-199) of course work.

B. Students must complete the General Education requirements as outlined on the 2015-2016 General Education Requirements list of courses. A minimum of 21 semester units must be completed within the five general education areas:
   1. Language and Rationality (9 units)
      A. Written Expression (3 units)
      B. Communication & Analytical Thinking (6 units)
   2. Natural Sciences (3 units)
   3. Social and Behavioral Sciences (3 units)
   4. Humanities (3 units)
   5. Ethnic Groups in the United States (3 units)

C. To receive an Associates degree, the students must meet the residency requirement by either:
   1. Completing 45 units at Hartnell College; or,
   2. During the semester of graduation, complete at least 12 units at Hartnell College

D. Complete all general education and major program course work required for the degree. A major program will consist of at least 18 semester units within a discipline or a declared interdisciplinary major program as identified by the college catalog.

E. A ‘C’ grade or better is required in each degree-applicable course.

F. It is the student’s responsibility to file a Petition for Graduation by the deadline date. The initial deadline date is the semester before he/she plans to complete the requirements. (Graduation deadline dates are posted throughout the campus.)

G. Associate Degrees are conferred at the end of each term; however, graduation ceremonies occur at the end of each academic year (Spring).

DEFINITION OF ASSOCIATE DEGREES:
Hartnell College students who complete the appropriate requirements may earn either an Associate of Arts or an Associate of Science degree. Both degrees represent significant levels of achievement and may be used by students who plan to start their careers immediately after graduating, or, with careful educational planning and course selection, by those who plan to transfer to a university.

Associate of Arts (AA) degree is granted to students majoring in the arts, humanities, and similar areas.

Associate of Science (AS) degree is granted to students majoring in agriculture, engineering, technology, the sciences, and related programs.

Associate Degrees for Transfer (AA-T or AS-T) California Community Colleges are now offering associate degrees for transfer to the CSU. These may include Associate in Arts (AA-T) or Associate in Science (AS-T) degrees. These degrees are designed to provide a pathway to a CSU major and baccalaureate degree. California Community College students who are awarded an AA-T or AS-T degree are guaranteed admission with junior standing somewhere in the CSU system and given priority admission consideration to their local CSU campus or to a program that is deemed similar to their community college major. This priority does not guarantee admission to specific majors or campuses. For further information, see degree requirements in the catalog.

CATALOG RIGHTS- Provided that continuous enrollment is maintained, students may elect the declared degree or certificate requirements in effect at 1) the time of entrance to Hartnell College, or 2) any catalog year thereafter. Continuous enrollment is defined as attendance at Hartnell College during both Fall and Spring semesters. Any transcripted academic record symbol (A through F, CR, NC, P, NP, I, RD, W) shall constitute enrollment.

DOUBLE DEGREE- Although students may not receive two associate degrees simultaneously, they may concurrently complete the requirements for a second degree. An AA or AS Degree is earned by completion of all Competency Requirements, General Education, and course work required for both majors. A single diploma is issued with both degrees listed. The General Studies with Emphasis degrees may not be included as part of the Double Degree.

ADDITIONAL ASSOCIATE DEGREE- Having received an Associate, Baccalaureate or higher, a student may qualify for an Associate Degree in other fields (with the exception of an A.A. Degree in General Studies with Emphasis) provided a minimum of 12 units in residence are completed after the previous degree was awarded.

Students are encouraged during their first semester of enrollment to make an appointment with a counselor to discuss their educational and career plans as they relate to this advisory sheet. (831) 755-6820
HARTNELL COLLEGE
2015-2016 CALIFORNIA STATE UNIVERSITY GENERAL EDUCATION (CSU GE)
FOR CSU TRANSFER STUDENTS

**MINIMUM ADMISSION REQUIREMENTS FOR CSU TRANSFER STUDENTS:**

1. Complete 60 semester units of transferable college credit with a GPA of at least 2.0

2. Complete a minimum of 30 semester units of college courses with a grade of “C” or better in each course to be selected from courses in English, arts and humanities, social science, science and mathematics at a level equivalent to courses that meet general education requirements. The 30 semester units must include courses that satisfy CSU GE Areas A1, Oral Communication; A2, Written Communication; A3, Critical Thinking; and B4, Mathematics / Quantitative Reasoning.

Completion of the CSU GE Certification Pattern will satisfy the course requirements for the minimum admissions requirements listed above (#2). Although not required for admission to the CSU, students are encouraged to complete the CSU GE Certification Pattern prior to transfer. For impacted or competitive CSU campuses and majors there may be additional requirements such as completion of specific major courses, completion of certain general education courses by certain semesters, and/or higher grade point averages (see a counselor for advice).

**DIRECTIONS:**
(1) Circle courses completed and enter units completed in “C” column.
(2) Enter units completed at other colleges or enter name of AP Exam in the “OC” column (see reverse side for list of AP Exams approved to clear specific CSU GE AREAS.
(3) Underline courses in progress and enter units in progress in “IP” column; and,
(4) Enter units needed in “N” column.

**LEGEND:**
OC=Other College/Exam Completed; C=Completed; IP=In Progress; N=Needed

<table>
<thead>
<tr>
<th>AREA A: ENGLISH LANGUAGE COMMUNICATION &amp; CRITICAL THINKING (9 units minimum)</th>
<th>AP EXAMS or OTHER COLLEGE COURSE</th>
<th>C*</th>
<th>IP*</th>
<th>N*</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 - Oral Communication (3 units): Communications 1, 3, 5, 20</td>
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<tr>
<td>A2 - Written Communication (3 units): English 1A, 1B</td>
<td>A1</td>
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<tr>
<td>A3 - Critical Thinking (3 units): English 2; Communications 20; Philosophy 15</td>
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<thead>
<tr>
<th>AREA B: SCIENTIFIC INQUIRY AND QUANTITATIVE REASONING (9 units minimum)</th>
<th>B1</th>
<th>B2</th>
<th>B3</th>
<th>B4</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1 - Physical Science (3 units required): Agriculture Business Tech 90; Astronomy 1; Chemistry 1A, 1B, 12A, 12B, 22, 23, 60; Geology 1; Oceanography 1; Physics 2A, 2B, 4A, 4B, 4C, 10, 32</td>
<td>B1</td>
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<tr>
<td>B2 - Life Science (3 units required): Agriculture Business Tech 92; Anthropology 1: Biology 1, 2, 3, 5, 6, 6L, 10, 11, 12, 13, 18, 20, 27, 30, 42, 47, 48; Psychology 10</td>
<td>B2</td>
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<tr>
<td>B3 - Laboratory Activity: Agriculture Business Tech 90, 92; Astronomy 1L; Biology 1, 2, 3, 5, 6L, 10, 11, 20, 27, 30, 47, 48L, Chemistry 1A, 1B, 12A, 12B, 22, 23, 60; Geology 1, 6; Physics 2A, 2B, 4A, 4B, 4C, 10, 32</td>
<td>B3</td>
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<tr>
<td>B4 - Mathematical Concepts, Quantitative Reasoning &amp; Applications (3 units required): Mathematics 2, 3A, 3B, 3C, 4, 5, 10, 12, 13, 16, 24, 25</td>
<td>B4</td>
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<tr>
<th>AREA C: ARTS AND HUMANITIES (9 units minimum)</th>
<th>C1</th>
<th>C2</th>
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</thead>
<tbody>
<tr>
<td>C1 - Arts (3 units required): Art 1A, 1B, 10; English 50, 51; Music 1A, 1B, 2, 5, 6, 7, 8, 50A, 50B, 52A, 52B; Photography 1; Theater Arts 1, 3</td>
<td>C1</td>
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<tr>
<td>C2 - Humanities (3 units required): American Sign Language 2, 3; English 1B, 17, 22, 24, 26, 31, 32, 33, 41, 44A, 44B, 46A, 46B, 47A, 47B; Ethnic Studies 12, 25; History 5A, 5B, 6, 40, 47; Philosophy 2, 10; Spanish 1, 1S, 1X, 2, 2S, 2X, 3, 3S, 4, 4S</td>
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**HARTNELL COLLEGE**

**2015-2016 INTERSEGMENTAL GENERAL EDUCATION (IGETC)**

**FOR UC & CSU TRANSFER STUDENTS**

<table>
<thead>
<tr>
<th>Name:</th>
<th>SS#</th>
<th>Major:</th>
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**DIRECTIONS:**
1. Circle courses completed and enter units completed in “C” column.
2. Enter units completed at other colleges or enter name of AP Exam in the “OC” column (see reverse side for list of AP Exams approved to clear specific IGETC GE AREAS).
3. Underline courses in progress and enter units in progress in “IP” column;
4. Enter units needed in “N” column.

**All courses must be completed with a “C” or better to receive IGETC certification.**

**LEGEND:**
- OC=Other College/Exam Completed;
- C=Completed;
- IP=In Progress;
- N=Needed

**AREA 1: ENGLISH COMMUNICATION**
- CSU- 3 courses (9 units minimum) required, one from each Group A and B and C
- UC- 2 courses required (6 units minimum) one from each Group A and B

<table>
<thead>
<tr>
<th>Group 1A: English Composition:</th>
<th>English 1A</th>
<th>AP EXAMS OR OTHER COLLEGE COURSES</th>
<th>C*</th>
<th>IP*</th>
<th>N*</th>
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</thead>
<tbody>
<tr>
<td>Group 1B: Critical Thinking-English Composition:</td>
<td>English 2</td>
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<tr>
<td>Group 1C: Oral Communication (CSU requirement only):</td>
<td>Communication 1, 3, 20</td>
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**AREA 2: MATHEMATICAL CONCEPTS & QUANTITATIVE REASONING. (3 units min.)**

| Math **2**, **3A, 3B, 3C, 4, 5, 10, 12, 13, 16, 25 |

**AREA 3: ARTS & HUMANITIES**
- Select at least 3 courses, with at least one course from Group 3A and one course from Group 3B (9 units minimum).

| Group 3A: Arts | Art 1A, 1B, 10; Eng 51; Mus 1A, 1B, 2, 5, 6, 8, 50A, 50B, 52A, 52B; Pho 1; Th Arts 1, 3 |
| Group 3B: Humanities | Eng 1B, 17, 22, 24, 26, 41, 44A, 44B, 46A, 46B, 47A, 47B, 50; Eth S 12, 25; His 4A, 4B, 5A, 5B, 6, 10, 17A, 17B, 40, 47, 49A, 49B, 51; Mus 7; Phil 2, 10; Span 3, **3S, 4, **4S |
| Group 3C: Laboratory | Communication 1, 3, 20 |

**AREA 4: SOCIAL & BEHAVIORAL SCIENCES**
- Select at least three courses from at least two disciplines (9 units minimum).

| Adj 1, 3, 51; Ant 2, 3, 10, **15, 20; Com 8, 35; Ece 2; Eco 1, 5; Eth S 1, 2, **3, 4, 5, 6; Fcs 14; Geog 2, 10; Hed 7; His 5A, 5B, 6, 40, 46A, 46B; Pol 1, 2, 3, 5, 6; Psy 2, 6, 12, 14, 15, 22, 25, 36, 42; Soc 1, 5, 41, 42 |

**AREA 5: PHYSICAL & BIOLOGICAL SCIENCES**
- Select at least two courses, one from Group 5A & one from Group 5B, at least one course must include a laboratory. Labs are underlined. (7 units minimum).

| Group 5A: Physical Science: | Agric Bus Tech 90; Anthro 1; Astro 1, 1L; Chem 1A, 1B, 12A, 12B, **22; Geog 1; Geol 1, **2, 6, 25; Met 1; Ocn 1; Phys **2A, **2B, **4A, **4B, **4C, **10 |
| Group 5B: Biological Sciences: | Agric Bus Tech 92; Biol 1, 2, 3, 5, 6, 6L, **10, 11, 12, 18, 20, **27, 30, 42, 47, 48L; Psy 10 |
| Group 5C: Laboratory: | Agric Bus Tech 90, 92; Astro 1L; Biol 1, 2, 3, 5, 6L, **10, 11, 20, **27, 30, 47, 48L; Chem 1A, 1B, 12A, 12B, **22; Geol 1; 6; Phys **2A, **2B, **4A, **4B, **4C, **10 |

**Students are encouraged to make an appointment with a counselor to discuss their educational and career plans as they relate to this advisory sheet. (831) 755-6820**

This advising sheet is approved for the Fall 2015 semester through Summer 2016 and is subject to change.
AREA 6: LANGUAGE OTHER THAN ENGLISH (LOTE) (UC requirement only). Requirement may be satisfied by any of the options listed below or by completing one of the following: American Sign Language 1, 2, 3; Spanish 1, **1S, **1X, 2, 2S, 2X, 3, 3S, 4, 4S. 
OR (1) completion of 2 years of the same foreign language in high school with a grade of “C” or better; or (2) a score of 3 or higher on an AP exam in language other than English; or (3) an appropriate score on an SAT II subject test in a language other than English; or (4) a score of 5 or higher on an International Baccalaureate Higher Level Exam in a language other than English; or (5) satisfactory completion, with “C” grades or better, of two years of formal schooling at the sixth grade level or higher in an institution where the language of instruction is not English.

Completed in high school __ Completed by exam ___ Satisfied by school at foreign country____

Appropriate documentation must be on file in Admissions and Records

CSU GRADUATION REQUIREMENT IN U.S. HISTORY, CONSTITUTION & AMERICAN IDEALS (CSU Requirement only). Not part of IGETC; may be completed prior to transfer. Choose one course from Group A and one course from Group B. (Students planning on transfer to a CSU are encouraged to complete these two courses prior to transfer as part of their lower division courses.)

Group A (US 2 and US 3): Ethnic Studies 5 or Political Science 1 or Political Science 5***

Group B (US 1): History 17A or History 17B or History 40***

Please NOTE: Courses although may be listed in two areas can be counted in one area only. 
**Indicates number of transfer units may be limited by UC or CSU or both. Consult with a counselor for additional information.
***Courses used to meet the U.S. His. and Amer. Ideals CSU grad requirement may also be used for AREA 3 and/or 4 to meet IGETC requirements (effective Fall 08). Students earning an AA/S degree from Hartnell College must complete an Ethnic Groups in the United States course. The courses that meet this requirement are highlighted/BOLD in AREAS 3 and 4.

IGETC CERTIFICATION:
“Certification” means that Hartnell College has verified that a student has completed the lower division general education requirements for the University of California or California State University. Certification is important because without it students will be held to the general education requirements specific to the UC or CSU campus to which the student transfers. Courses from other colleges and universities may be considered for certification through a process called “pass along certification”: 1) courses taken at other California Community Colleges will be certified in the subject areas (AREA 1 – 6) approved by the institution where the courses were taken, and 2) courses taken at other regionally accredited colleges and universities will be certified only if the course is determined to be equivalent to a course in Hartnell College’ IGETC Certification Pattern. The following Advanced Placement (AP) Examinations may also be included in the IGETC Certification.

EXTERNAL EXAMINATIONS APPROVED TO CLEAR SPECIFIC IGETC AREAS: Advanced Placement (AP), International Baccalaureate (IB) See the current Hartnell College catalog pages on External Examinations that indicate equivalent general education area or elective units that could apply with appropriate scores. (Examinations may also be included in the IGETC Certification. (See a counselor for complete list of exams and unit limitations.)

IGETC EXCEPTIONS: (see: www.universityofcalifornia.edu/educators/counselors/admininfo/transfer/advising/igetc.html)

IGETC is not accepted for Engineering majors, for the following: Berkeley - College of Environmental Design, Chemistry, Natural Resources, and the Haas School of Business; Davis - all bachelor of science majors; Los Angeles – School of Applied Science; Riverside – College of Natural and Agricultural Sciences; San Diego – Eleanor Roosevelt College and Revelle College; Santa Cruz – Physical and Biological Sciences.

IGETC is not recommended for the following: Merced – School of Natural Sciences; Santa Barbara - Biological Sciences, Chemistry, Computer Science, Physics, and Geology.

IGETC UNITS CERTIFIED

<table>
<thead>
<tr>
<th>Area 1</th>
<th>Area 2</th>
<th>Area 3</th>
<th>Area 4</th>
<th>Area 5</th>
<th>Total units</th>
</tr>
</thead>
</table>

For UC: Area 6 Language Other Than English (LOTE) Completed Yes ☐ No ☐

IGETC COMPLETED:

California State University-
University of California-

Yes ☐ No ☐ Partial ☐ (minus 2 maximum)

Yes ☐ No ☐ Partial ☐ (minus 2 maximum)

Prepared by
Hartnell College Records Evaluator ____________________________ Date ____________________________
## AREA D: SOCIAL SCIENCES (9 units minimum). Select courses from at least two different disciplines.

| D1- Anthropology & Archeology: Anthropology 1, 2, 3, 10, 15, 20; Sociology 42 |
| D2- Economics: Business 32; Economics 1, 5 |
| D3- Ethnic Studies: Education 1; Ethnic Studies 1, 2, 3, 4, 5, 6 25; History 46A, 46B; Political Science 5; Psychology 36; Sociology 20 |
| D4- Gender Studies: Ethnic Studies 6; Health Ed 7; Psychology 36, 42 |
| D5- Geography: Geography 1, 2, 10; History 4A |
| D6- History: His 4A, 4B, 5A, 5B, 6, 10, 17A, 17B, 46A, 46B, 47, 49A, 49B, 51, 55 |
| D7- Interdisciplinary Social or Behavioral Science: Communication 8, 35; Early Childhood Education 2; Education 1; Physical Ed Theory 5; Psychology 36, 42 |
| D8- Political Science, Government, & Legal Institutions: Administration of Justice 3; Ethnic Studies 5; Political Science 1, 2, 3, 5, 6 |
| D9- Psychology: Psychology 2, 6, 8, 12, 14, 15, 22, 25, 33, 41 |
| D10- Sociology and Criminology: Administration of Justice 1, 51; Psychology 6; Sociology 1, 5, 20, 41, 42 |

## AREA E: LIFELONG UNDERSTANDING & SELF-DEVELOPMENT (3 units minimum).

- Biology 42; Counseling 1, 23, 27; FCS 14, 23; Geology 25; Health Ed 2, 6, 7; Physical Ed Theory 1, 4; Psychology 14, 15, 25, 33, 36, 41, 42; Sociology 5, 41

## US HISTORY, CONSTITUTION, & AMERICAN IDEALS (CSU Graduation Requirement)

- **Two courses are needed to meet requirement:**
  - US 1: Choose one course: HIS17A or HIS17B or HIS 40, AND
  - US 2 and US 3: Choose one course: ETH 5 or POL 1 or POL 5

**NOTE:** Courses used to meet this requirement may also be used to satisfy requirements as courses listed in CSU-GE Breadth Areas C2 or D3 or D6 or D8. (At the option of the receiving CSU campus.)

Please NOTE: Courses although may be listed in two areas can be counted in one area only.

Students earning an AA/S degree must complete an Ethnic Groups in the United States course. The courses that meet this requirement are highlighted/BOLD in the lists above.

**CSU GE CERTIFICATION:** “Certification” means that Hartnell College has verified that a student has completed the lower division general education requirements for the California State University. Certification is important because without it students will be held to the general education requirements specific to the CSU campus to which the student transfers. Courses from other colleges and universities may be considered for certification by petition through a process called “pass along certification”: 1) courses taken at CSU campuses, participating private colleges and universities, and other California Community Colleges will be certified in the subject areas (AREA A - E) approved by the institution where the courses were taken, 2) courses taken at other regionally accredited colleges and universities will be certified only if the course is determined to be equivalent to a course in Hartnell College’ CSU GE Certification Pattern. Courses deemed equivalent would be certified in the areas (AREA A - E) in which the equivalent Hartnell College’ courses have been approved.

*It is the student’s responsibility to request certification. Submit form requesting certification to Admissions and Records office.*

**EXTERNAL EXAMINATIONS APPROVED TO CLEAR SPECIFIC CSU GE AREAS:** Advanced Placement (AP), International Baccalaureate (IB) and College Level Examination Program (CLEP). See the current Hartnell College catalog pages on External Examinations that indicate equivalent general education area or elective units that could apply with appropriate scores. (Examinations may also be included in the CSU GE Certification).

Students are encouraged to make an appointment with a counselor to discuss their educational and career plans, as they relate to this advisory sheet. (831) 755-6820

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**CSU-GE UNITS CERTIFIED**

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<th>Area A</th>
<th>Area B</th>
<th>Area C</th>
<th>Area D</th>
<th>Area E</th>
<th>Total units</th>
<th>Evaluated by:</th>
<th>Date</th>
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1C_pdb_1.2015
HARTNELL COLLEGE – SPRING 2016

SECTION DAY TIME INSTRUCTOR ROOM UNITS SECTION DAY TIME INSTRUCTOR ROOM UNITS

ADMINISTRATION OF JUSTICE

ADJ-1. INTRO TO ADMINISTRATION OF JUSTICE (G)

Lec 3 Hrs
Provides an overview of the American criminal justice system and the various subsystems. Focuses on the roles and role expectations of criminal justice agencies in their interrelationships in society and emphasizes the concepts of criminal law and its effect on policing, crime causation, the Constitution and its effect on law enforcement, punishment and rehabilitation. Also discusses ethics, education and training for professionalism in the social system.

[CSU; UC; CSU-GE; AREA D8; IGETC, AREA 4] [C-ID AJ 110]

2270 TTh 09:30AM-10:45AM M. Parker N12 3.00
2271 ONLINE L. Bertomen INT 3.00
Section 2270 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at lbertomen@hartnell.edu for further information.

ADJ-2. COMMUNITY RELATIONS AND THE JUSTICE SYSTEM (G/P)

Lec 3 Hrs
A theoretical and conceptual overview of multicultural issues, including those relating to ethnicity, race relations, gender, age and sexual preference. The course focuses on cultural/ethnic groups in California and their relationship with law enforcement and justice administration, including courts and corrections. Explores the interaction of the criminal justice agents and the community; theoretical and conceptual overview of multicultural issues affecting human relations; effects of prejudice, bias, and discrimination; awareness of individual and cultural differences affecting human interaction and peacekeeping strategies in a diverse society.

[CSU; UC][C-ID AJ 160]

2272 M 06:00PM-08:50PM R. Gray E329 3.00
2273 ONLINE L. Bertomen INT 3.00
Section 2272 is offered as a web-based course. Students can login starting Monday, February 29, at myetudes.org/portal and follow instructions. Contact instructor via email at lbertomen@hartnell.edu for further information. Section 2273 meets 6 weeks, 2/29/16-4/15/16, and is part of the Fast Track Program. FAST TRACK SESSION 5

ADJ-3. CONCEPTS OF CRIMINAL LAW (G/P)

Lec 3 Hrs
An introduction to the legal system, the differences between civil and criminal law, the sources of law, and the court system. The course focus will be classifying, defining, and identifying crimes. Also explores defenses to crimes, and parties to crimes.

[CSU; UC; CSU-GE; AREA D8; IGETC, AREA 4] [C-ID AJ 120]

2274 W 12:00PM-01:15PM J. Lewis D275 3.00
ONLINE J. Lewis INT
Section 2274 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at jlewis@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

2275 T 06:30PM-07:45PM M. Parker D277 3.00
ONLINE M. Parker INT
Section 2275 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at mparker@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

ADJ-4. CRIMINAL EVIDENCE (G/P)

Lec 3 Hrs
An introduction to the legal system, the sources of law, the criminal court system, and the trial process. The course focuses in particular on the classifications and rules of evidence. Includes a thorough overview of legal issues in criminal evidence such as admissibility, constitutional protections including the Fourth Amendment, and the burden of proof. Also covered are general considerations in evidence such as inferences and presumptions, privilege, judicial notice, expert testimony, scientific, and demonstrative evidence.

[CSU][C-ID AJ 124]

6053 W 06:00PM-08:50PM B. Jimenez SOHS 3.00
Section 6053 is offered at Soledad High School, 425 Gabilan Dr., Room 1002, Soledad.

2277 M 06:00PM-09:05PM S. Lavorato N22 3.00
ONLINE L. Storm INT 3.00
Section 2277 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at lstorm@hartnell.edu for further information. Section 2277 meets 6 weeks, 1/21/16-2/26/16, and is part of the Fast Track Program. FAST TRACK SESSION 4

ADVISORY FOR WEB-BASED AND HYBRID COURSES

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
<table>
<thead>
<tr>
<th>SECTION</th>
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<th>TIME</th>
<th>INSTRUCTOR</th>
<th>ROOM</th>
<th>UNITS</th>
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**ADJ-5. CRIMINAL COURT PROCESS (G/P)**

Lec 3 Hrs

An introduction to the sources of law, the legal system, the criminal court trial process, the purposes of punishment, and participants in the criminal justice system. An in-depth analysis of the Constitution and its relationship to criminal procedure. Explores the laws of search, arrest, interrogation, arraignment, preliminary hearing, motion practice, trial procedure, sentencing, and post-conviction remedies.

[CSU][C-ID AJ 122]

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<th>Time</th>
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<tr>
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<td>L. Storm</td>
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</table>

Section 2280 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at lstorm@hartnell.edu for further information.

**ADJ-8. CRIMINAL INVESTIGATION (G/P)**

Lec 3 Hrs

A course designed to teach the fundamentals of investigation; crime scene preservation of evidence; scientific aids; modus operandi; sources of information, interviews and interrogation; ethical challenges; surveillance; follow-up and case preparation; constitutional issues; and the role of the investigator in the trial process.

[CSU][C-ID AJ 140]

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<td>L. Bertomen</td>
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</table>

Section 2281 offered as a web-based course. Students can login starting Monday, April 18, at myetudes.org/portal and follow instructions. Contact instructor via email at lbertomen@hartnell.edu for further information. Section 2281 meets 6 weeks, 4/18/16-5/28/16, and is part of the Fast Track Program. FAST TRACK SESSION 6

**ADJ-10. JUVENILE PROCEDURES (G)**

Lec 3 Hrs

Discussion of the theories of juvenile delinquency and juvenile justice. Introduction to the functions, organization and jurisdiction of juvenile agencies. Study of juvenile crime, laws and social issues relating to youthful offenders. Examination of child abuse, domestic violence and gang membership. Examination of the Law Enforcement responses to juvenile issues.

[CSU] [C-ID AJ 220]

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<tr>
<th>Section</th>
<th>Time</th>
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</table>

Section 2282 offered as a web-based course. Students can login starting Monday, February 29, at myetudes.org/portal and follow instructions. Contact instructor via email at lbertomen@hartnell.edu further information. Section 2282 meets 6 weeks, 2/29/16-4/15/16, and is part of the Fast Track Program. FAST TRACK SESSION 5

**ADJ-11. LAW ENFORCEMENT REPORT WRITING (G/P)**

Lec 3 Hrs

An introductory course emphasizing the practical aspects of organizing and preparing law enforcement written reports.

[CSU]

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</table>

Section 2283 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at lbertomen@hartnell.edu for further information. 6074 M 06:00PM-09:05PM | D. Norum | SOHS | 3.00 |

Section 6074 is offered at Soledad High School, 425 Gabilan Dr., Room 1001, Soledad.

**ADJ-21A. NARCOTICS AND DANGEROUS DRUGS (G/P)**

Lec 3 Hrs

History, definition, identification, characteristics and treatment strategies of legal and illegal drugs and the enforcement of laws relating to them.

[CSU]

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<td>D361</td>
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<td>W. Laughton</td>
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Section 2287 offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at lbertomen@hartnell.edu for further information. Section 2287 meets 6 weeks, 1/21/16-2/26/16, and is part of the Fast Track Program. FAST TRACK SESSION 4

**ADJ-30. SEXUAL ASSAULT INVESTIGATION (G/P)**

Lec 3 Hrs

An introduction to the legal system and in-depth study of the institutional response to victims of sexual assault. Covers the elements of the most commonly encountered sex crimes, current and recommended investigative techniques, community and institutional response to victims of sex crimes, and methods of improving services with a focus on the needs of the victim.

[CSU]

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<td>2284</td>
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<td>T. Spencer</td>
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</tbody>
</table>

Section 2284 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at tspencer@hartnell.edu for further information.

**ADJ-33. CONSTITUTIONAL LAW FOR CRIMINAL JUSTICE PROFESSIONALS (G/P)**

Lec 3 Hrs

Focuses on the United States Constitution and its relevance to criminal justice issues. Beginning with an overview of our legal system and some instruction in basic legal research, the course examines constitutional amendments influencing the criminal justice system such as freedom of speech and the press, gun control, constitutional search and seizure, the exclusionary rule, due process of law and confessions, the right to counsel and a fair trial, bail, fines, and punishment. Students will also appraise the impact of constitutional principles in the fields of law enforcement, corrections, and the practice of law.

[CSU]

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<th>Section</th>
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Section 2288 offered as a web-based course. Students can login starting Monday, February 29, at myetudes.org/portal and follow instructions. Contact instructor via email at lstorm@hartnell.edu further information. Section 2288 meets 6 weeks, 2/29/16-4/15/16, and is part of the Fast Track Program. FAST TRACK SESSION 5

**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
ADJ-34. CIVIL LITIGATION (G/P)

Lec 3 Hrs

This course will provide students with a fundamental understanding of how to prepare a civil case for trial. Topics include California procedural statutes and court rules governing civil litigation, the attorney-client relationship, court organization, the steps in case preparation, and the post-litigation concerns. Students will practice client interviewing, drafting of pleadings and motions, deposition summaries, evidence gathering and discovery procedures.

[CSU]

2289 ONLINE J. Lewis INT 3.00

Section 2289 offered as a web-based course. Students can login starting Monday, February 29, at myetudes.org/portal and follow instructions. Contact instructor via email at jlewis@hartnell.edu further information. Section 2289 meets 6 weeks, 2/29/16-4/15/16, and is part of the Fast Track Program. FAST TRACK SESSION 5

ADJ-50. INTRODUCTION TO CORRECTIONAL SCIENCE(G)

Lec 3 Hrs

This introductory course provides a historical overview of adult and juvenile corrections philosophy. The focus is on legal issues, operations procedure, general laws, and different populations at federal, state, and local correctional facilities. In addition, alternatives to incarceration will be analyzed and the relationship between corrections and other components of the judicial system will be examined.

[CSU] [C-ID AJ 200]

2290 M 06:00PM-09:05PM D. Doglietto E321 3.00

ADJ-51. CRIMINOLOGY (G/P)

Lec 3 Hrs

An examination of the theories of the psychological and social factors underlying crime and criminal behavior, crime statistics, patterns of antisocial behavior, treatment and preventative measure.

[CSU; UC; CSU-GE, AREA D0; IGETC, AREA 4] [C-ID SOCI 160]

2291 W 06:00PM-08:50PM M. Parker A113 3.00

ADJ-76. INTRODUCTION TO FORENSICS (G/P)

Lec 3 Hrs; Lab 1.50 Hrs

Overview of forensic science in collecting and evaluating evidence as a component of the criminal justice system. This course provides an introduction to the role of forensics and criminal investigations. It examines the methods utilized in the forensic analysis of crime scenes, pattern evidence, instruments, firearms, questioned documents, and controlled substances.

[CSU] [C-ID AJ 150]

7607 T 05:30PM-08:15PM D. Doglietto AC-C212 3.50

7607 T 08:30PM-09:45PM D. Doglietto AC-C212

Section 7607 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ADJ-102. PC 832 ARREST AND FIREARMS (G/P)

Prerequisite: Prior to the start of ADJ-102, the California Commission for Peace Officers Standards and Training (POST) and the California Penal Code 1311.5 requires from each student Department of Justice written certification stating that the student has no criminal history that would disqualify him/her from using a firearm.

Lec 2.75 Hrs; Lab 2.25 Hrs

Designed to satisfy the curriculum standards of the Commission on Peace Officer Standards and Training (POST) as required by Penal Code 832 for peace officers. Topics include: professional orientation; introduction to criminal law with particular attention paid to Laws of Arrest, evidence, search and seizure; investigation; community relations; verbal and written communication; arrest and control techniques; firearms; and Cultural Diversity/Discrimination, the use of firearms, situational use of deadly force, and arrest techniques. There will be a fee associated with the fingerprint clearance from the Department of Justice that is required prior to starting the firearms portion of the class.

2292 T 05:30PM-09:10PM B. Jimenez E309 3.50

ADVANCED DIESEL TECHNOLOGY

ADT-100. DIESEL ENGINE TECHNOLOGY (G)

Advisory: ENG-101 or ESL-101 and MAT-121

Lec 2 Hrs; Lab 6 Hrs

This course explores principles, systems service, and diagnosis procedures for today's heavy-duty diesel engines and equipment. Students will learn to troubleshoot, service and repair diesel engines and equipment using varied diagnostic sources in print and electronic formats. The course will cover industry standards of personal and environmental safety practices, including personal protective equipment (PPE), proper lifting practices, proper handling of hand tools, precision engine measurement tools, and power equipment. Students will learn how to properly handle, store, and dispose of hazardous waste and materials in accordance with Federal, State, and local laws and regulations.

7092 S 08:00AM-09:50AM S. Graham AC-C205 4.00

S 10:00AM-04:20PM S. Graham AC-D119

Section 7092 is offered at Alisal Campus, 1752 E. Alisal St., Salinas, and has 1/2 hour meal break that will be designated by the instructor.

ADT-121. PREVENTIVE MAINTENANCE (G)

Advisory: ENG-101 or ESL-101 and MAT-121

Lec 2 Hrs; Lab 6 Hrs

This course is a study of heating, ventilation, and air conditioning (HVAC), which is designed to maintain a comfortable temperature in heavy duty vehicles and equipment.

7049 MW 01:00PM-01:50PM M. Dehart AC-C205 4.00

MW 02:00PM-04:50PM M. Dehart AC-D119

Section 7049 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
This course is a comprehensive study of the heavy-duty diesel engine, as well as its components and applications. Students will learn the principles of engine design, fuel delivery systems, and engine performance. This course is open to students who have completed MEC-53 with a grade of "C" or better. [CSU] [C-ID AG MA 104L]

ADT-130. BRAKE SYSTEMS (G)
Advisory: ENG-101 or ESL-101 and MAT-121
Lec 2 Hrs; Lab 6 Hrs
This course is a comprehensive study of brake systems in heavy-duty diesel vehicles and equipment. Students will examine air brake, hydraulic brake, and drum brake systems, as well as hydraulic and air brake parking systems, and anti-lock brake theory and maintenance. Students will learn to service and repair wheel bearing and seals.

7046 TTh 01:00PM-01:50PM M. Dehart AC-C211 4.00
TTh 02:00PM-04:50PM M. Dehart AC-D119
Section 7046 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ADT-131. STEERING AND SUSPENSION SYSTEMS (G)
Advisory: ENG-101 or ESL-101 and MAT-121
Lec 2 Hrs; Lab 6 Hrs
This course is a comprehensive study of heavy-duty diesel steering and suspension systems. Students will examine alignment and service; suspension systems and service; chassis system and service; front wheel drive axles fundamentals and service. Students will learn how to properly handle, store and dispose of hazardous waste and materials in accordance with Federal, State, and local regulations.

7047 TTh 06:00PM-06:50PM J. Rodriguez AC-C211 4.00
TTh 07:00PM-09:50PM J. Rodriguez AC-D119
Section 7047 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ADT-140. POWER DRIVE TRAIN (G)
Advisory: ENG-101 or ESL-101 and MAT-121
Lec 2 Hrs; Lab 6 Hrs
This course is a comprehensive study of the heavy-duty diesel power drive train found in diesel powered equipment and vehicles. Topics the class will cover include; drive train theory, drive trains and axles, clutches manual transmissions, drive shafts and universal joints, differentials and drive train axles, drive train electrical and electronic systems.

7048 TTh 08:00AM-08:50AM J. Rodriguez AC-C208 4.00
TTh 09:00AM-11:50AM J. Rodriguez AC-D119
Section 7048 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ADT-141. AUTOMATIC TRANSMISSION (G)
Advisory: ENG-101 or ESL-101 and MAT-121
Lec 2 Hrs; Lab 6 Hrs
This course will cover automatic transmissions drive train theory, fundamentals and repair; electronic controls; transmission designs, torque converters and oil pumps; hydraulic circuits and controls; gear and shafts, as well as reaction and friction units. Students will be expected to master personal and environmental safety practices that are standard in the heavy-duty diesel industry.

7050 MW 06:00PM-06:50PM J. Rodriguez AC-C211 4.00
MW 07:00PM-09:50PM J. Rodriguez AC-D119
Section 7050 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
ABT-41. PESTICIDE APPLICATOR CERTIFICATION  
**TRAINING**  
Lec 3 Hrs  
Common pests and their management, pesticide labels, mixing and applying pesticides, safety, and additional laws and regulations relating to pesticides. Protecting the environment will also be covered. Special category certifications will be covered depending on class need/interest. Designed to prepare students for the state pesticide laws and regulations exam.  
[CSU]  
7012 Th 06:00PM-08:50PM L. Handel AC-C104 3.00  
Section 7012 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-52. SALES AND SERVICE IN AGRIBUSINESS  
Lec 3 Hrs  
Involves the study of principles and practices of the selling process: selling strategies and approaches, why and how people buy, prospecting, territory management, and customer service. Self-management, communication, and interpersonal skills necessary in developing managerial abilities, leadership qualities, and facilitating teamwork within the agribusiness sector will be explored.  
[CSU]  
7009 M 06:00PM-09:05PM N. Pasculli AC-C107 3.00  
Section 7009 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-54. AGRICULTURE MARKETING  
Lec 3 Hrs  
Survey of marketing aspects of the agricultural industry. An overview of the structure and institutional aspects of the marketing system including global agricultural markets. Industry studies of the marketing of selected locally grown commodities will be made. Course designed for students interested in Agriculture Business and Agriculture Production major. Formerly AGR 54. Not open to students who have completed AGR 54 with a grade of “C” or better.  
[CSU]  
7054 T 06:00PM-08:50PM N. Pasculli AC-C107 3.00  
Section 7054 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-58. AGRICULTURE LAWS & REGULATIONS  
Lec 3 Hrs  
An introduction to the laws and regulations affecting the agriculture industry. Topics include government agencies and their functions, public and employee safety, insurance, agriculture organizations, labor and land issues, and water and air quality issues.  
[CSU]  
7002 T 09:00AM-11:50AM S. Triano AC-C107 3.00  
Section 7002 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-80. INTRODUCTION TO SUSTAINABLE AGRICULTURE AND FOOD  
**Lec 3 Hrs**  
This course introduces the topic of environmental and social sustainability in agriculture emphasizing a multi-disciplinary analysis of food and farming systems. Students will learn the history of agricultural development and the influence of agricultural technologies and land use practices on agro-ecosystem functioning, environmental quality, and human health. The course examines the ecology, environmental science, sociology and economics of agricultural systems. The course concludes with an assessment of the social, economic and political obstacles, opportunities and enabling environments for the widespread adoption of more environmentally sustainable and socially equitable food and farming systems.  
[CSU]  
7011 W 06:00PM-08:50PM D. Mancera AC-C104 3.00  
Section 7011 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-83. INTEGRATED PEST MANAGEMENT PRINCIPLES IN PLANT PATHOLOGY  
**Lec 2 Hrs; Lab 3 Hrs**  
The course is a study of agents, disease cycles, symptomology, and management of plant diseases. Management practices include prevention, cultural, chemical, and biological methods.  
[CSU]  
7001 F 12:00PM-01:50PM STAFF AC-C104 3.00  
F 02:00PM-04:50PM STAFF AC-C104 3.00  
Section 7001 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-90. SOIL SCIENCE  
**Lec 2 Hrs; Lab 3 Hrs**  
Provides a basic knowledge of the genetic, physical, chemical, and biological properties of soils. Explores principles involved in the interpretation of soils information for land use management, (including agricultural production and non-agricultural uses), and conservation. Includes a weekly laboratory activity.  
[CSU; UC; CSU-GE, AREA B1, B3; IGETC, AREA 5] [C-ID AG PS-128L]  
7003 M 12:00PM-05:05PM S. Triano AC-C104 3.00  
Section 7003 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-91. IRRIGATION PRACTICES AND MATERIALS  
**Lec 2 Hrs; Lab 3 Hrs**  
Principles and practices of California water delivery including: plant-soil-moisture relationships and water movement in the soil; water quality, water law, measurement of water; evaluation of irrigation methods, systems, wells and pumps. Laboratory required.  
7004 T 12:00PM-01:50PM STAFF AC-C104 3.00  
T 02:00PM-04:50PM STAFF AC-C104 3.00  
Section 7004 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
### HARTNELL COLLEGE – SPRING 2016

#### ABT-92. PLANT SCIENCE (G)
- **Lec** 2 Hrs; **Lab** 3 Hrs
- An introduction to plant science including structure, growth processes, propagation, physiology, growth media, biological competitors, and post-harvest factors of food, fiber, and ornamental plants.

[CID AG PS 106L]

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Section 7005 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

#### ABT-96. VEGETABLE CROP PRODUCTION (G)
- **Lec** 2 Hrs; **Lab** 3 Hrs
- Involves the study of vegetable production covering the botany, cultural aspects, harvesting, processing, growth characteristics, fertility, pests, and marketing of the major vegetable crops of the Central Coast and throughout California. Field trips to local vegetable production fields and the Hartnell East Campus facilities will be required. Formerly AGR 96. Not open to students who have completed AGR 96 with a grade of "C" or better.

[CID ALBA]

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Section 7007 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

#### ABT-98. FERTILIZERS AND PLANT NUTRITION (G)
- **Lec** 2 Hrs; **Lab** 3 Hrs
- Covers the composition, value, selection, and use of fertilizer materials and soil amendments. Soil, plant, and fertilizer relationships will be covered. Application practices currently being used in California will be discussed. Includes field trips. Formerly AGR 98. Not open to students who have completed AGR 98 with a grade of "C" or better.

[CID ALBA]

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Section 7006 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

#### ABT-99. OCCUPATIONAL COOPERATIVE WORK EXPERIENCE EDUCATION (G/P)
- Occupational Work Experience is designed to assist students employed in a field related to their college major or career goals to develop on the job through structured opportunities for skill development and increased responsibilities.

[CID ALBA]

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Section 7008 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must attend a mandatory orientation session; for more information or to sign up for mandatory orientation please contact Steven Triano (831)235-0928.

Section 7009 is offered at ALBA, 1700 Old Stage Rd., Salinas. Students must attend a mandatory orientation please contact Nathaniel Harkleroad (831)758-1469. Instructor will assist students in finding placements on small organic farms.

#### ABT-103. AGRICULTURE WHOLE FARM PLANNING AND RECORDKEEPING FOR SMALL FARMERS (P)
- **Lec** 1 Hr; **Lab** 1.50 Hrs
- Intended for Agricultural Production majors and continuing education adults with interest in improving organic farming operations or making a transition to organic production methods. Covers the practical aspects of daily farm management. Students will summarize these 5 aspects into an integrated document for presentation at the final course of PEPA, Programa Educativo para Pequenos Agricultores (Education Program for Young People in Agriculture). Formerly AGR 103. Not open to students who have completed AGR 103 with a grade of "C" or better.

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Section 7082 meets 6 weeks, 4/4/16-5/14/16, and is offered at ALBA 1700 Old Stage Rd., Salinas.

#### ABT-104. AGRICULTURE BUSINESS DEVELOPMENT FOR NEW ORGANIC FARMERS (G)
- **Lec** 1 Hr; **Lab** 1.50 Hrs
- Intended for Agricultural Production majors and continuing education adults with interest in starting up their own farming operation and beginning the process of business planning. Covers the legal obligations, state regulations, and federal laws governing agricultural operations with a focus on developing a business and marketing plan. Students will incorporate business-planning concepts into a presentation at the end of the PEPA, Programa Educativo para Pequenos Agricultores (Education Program for Young People in Agriculture). Formerly AGR 104. Not open to students who have completed AGR 104 with a grade of "C" or better.

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Section 7084 meets 6 weeks, 2/15/16-3/26/16, and is offered at ALBA 1700 Old Stage Rd., Salinas.

#### ABT-105. MARKETING OPPORTUNITIES AND GROWTH FOR ORGANIC FARMING (G)
- **Lec** 1 Hr; **Lab** 1.50 Hrs
- Intended for Agricultural Production majors and continuing education adults with interest in improving organic farming operations or making a transition to organic production methods. Covers the marketing and sales options for organic produce with a focus on direct marketing to buyers. Students will research product offerings, delivery options, and pricing in a growing vegetable market that will be summarized into a presentation in the final courses of Programa Educativo para Pequenos Agricultores (Education Program for Young People in Agriculture). Formerly AGR 105. Not open to students who completed AGR 105 with a grade of "C" or better.

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Section 7083 meets 6 weeks, 1/6/16-2/13/16, and is offered at ALBA 1700 Old Stage Rd., Salinas.
ABT-110. CAREERS IN AGRICULTURE & TECHNOLOGY (G)  
Lec 2 Hrs  
Introduction to educational opportunities and career development in agriculture and related fields. Includes portfolio and educational plan development and curriculum requirements that pertain to educational goals as they relate to agriculture majors. Assists students in setting goals and developing interpersonal and intrapersonal skills necessary for life-long success in obtaining, maintaining, and advancing in agriculture careers. Current events that impact agriculture and society will be discussed.  
7000 Th 09:00AM-10:50AM S. Triano AC-C107 2.00  
Section 7000 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-132. FOOD SAFETY MANAGEMENT (G)  
Lec 1.50 Hrs  
Covers the creation and management of a food safety program including: evaluating current practices, creating and implementing a food safety program, documentation, pathogen behavior, and crisis management. Field trips may be required.  
7013 W06:00PM-08:50PM STAFF AC-C106 1.50  
Section 7013 meets 9 weeks, 03/14/16 - 5/18/16, and is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-133. FACILITY MANAGEMENT FOR FOOD SAFETY (G)  
Lec 1.50 Hrs  
Covers food safety issues and concerns in the manufacturing facility including such: facility sanitation, recognizing potential hazards, analysis of problems in the cold chain, developing improved practices, HACCP principles, employee training, and the inspection process. Field trips may be required.  
7015 Th06:00PM-08:50PM STAFF AC-C106 1.50  
Section 7015 meets 9 weeks, 03/14/16 - 5/18/16, and is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ABT-258. AGRICULTURE AMBASSADORS (G)  
Lec 1 Hr; Lab 3 Hrs  
Agriculture leadership training through application of individual and group leadership techniques. Requires participation as an Agriculture Ambassador team member in college recruitment activities, including giving recruitment presentations at off campus sites, hosting prospective student groups for on-campus visits, and sponsoring recruitment activities for the local Agriculture industry.  
7010 M10:00AM-10:50AM S. Triano AC-C104 2.00  
F08:00AM-10:50AM A. Graham III AC-B123  
Section 7010 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
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<td>A. Merville</td>
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<td>R. Fields</td>
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<td>S. Wecker</td>
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**ANTHROPOLOGY**

**ANT-1. INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY (G)**

**Advisory:** Eligibility for ENG 1A. DE/Hybrid advisory

**Lec 3 Hrs**

An introductory survey in biological or physical anthropology. The course provides an overview of the basic data, methodology and theories of the principal subdivision of the field—population genetics, primatology, paleoanthropology, and human variability and adaptation—to understand the process of human evolution. It is designed to fit the needs and interests of both beginning anthropology majors and general education students.

**[CSU; UC; CSU-GE, AREA B2, DI; IGETC, AREA 5] [C-ID ANTH 110]**

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<td>J. Todd</td>
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**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
ANT-2. INTRODUCTION TO CULTURAL ANTHROPOLOGY  (G)
Advisory: Eligibility for ENG 1A. DE/Hybrid Advisory

Lec 3 Hrs
A survey of the range of cultural phenomena including language, patterns of subsistence, economic organization, marriage and the family, kinship, political organization, religion, the arts, and culture change. Examples taken from a wide range of foraging, tribal, and complex state societies are employed to illustrate the methodology, concepts, and theories of anthropological science. It is intended for both beginning anthropology majors and general education students.

[CSU; UC; CSU-GE, AREA D1; IGETC, AREA 4]

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Section 2386 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at syukimoto@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

2387 T
11:00AM-12:15PM  J. Sanchez  A113  3.00  ONLINE  J. Sanchez  INT

Section 2387 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at jsanchez@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

ART-1A. ART HISTORY SURVEY I  (G)
Advisory: Completion of or concurrent enrollment in ENG-1A

Lec 3 Hrs
A survey of the major monuments, styles, artists and historical periods of painting, sculpture and architecture from Mediterranean prehistory through Egypt, Mesopotamia, Greece, Rome and the Middle Ages of Western Europe.

[CSU; UC; CSU-GE, AREA C1; IGETC, AREA 3]

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ART-1B. ART HISTORY SURVEY II  (G)
Advisory: Completion of or concurrent enrollment in ENG-1A

Lec 3 Hrs
A survey of the major monuments, styles, artists and historical periods of painting, sculpture and architecture of Western Europe and America from early Renaissance to the contemporary period.

[CSU; UC; CSU-GE, AREA C1; IGETC, AREA 3]

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ART-3. DRAWING AND COMPOSITION  (G)

Lec 2 Hrs; Lab 4 Hrs
Surveys and applies the fundamentals of observation, drawing, and composition through the study of contour, shape, line, perspective, value, basic rendering, and creative applications of drawing. Students will provide pencils, charcoal, ink, drawing tools, and paper.

[CSU; UC] [C-ID ARTS 110]

| 2162 MW      |
| 01:00PM-03:50PM | M. Ryuno | J211 | 3.00 |
| 2163 TTh     |
| 09:00AM-11:50AM | M. Ryuno | J211 | 3.00 |
| 6076 TTh     |
| 06:00PM-08:50PM | L. Bourne | GON | 3.00 |

Section 6076 is offered at Gonzales High School, 501 5th St, Room 33, Gonzales.

ART-6A. WATERCOLORS AND GOUACHE  (G)

Lec 2 Hrs; Lab 4 Hrs
The development of ideas, theory and techniques as applied to painting in watercolor and gouache media. Emphasis on color and value composition, as well as special and linear composition. Students will provide paint, brushes, and painting surfaces.

[CSU; UC]

| 2173 MW |
| 12:00PM-02:50PM | P. Sullivan | J113 | 3.00 |

ART-6B. OILS  (G)

Lec 2 Hrs; Lab 4 Hrs
The study of oil painting in transparent and opaque media. Techniques of media manipulation and application, compositional development, the effect of color on content and meaning, and preservation and handling of finished works are examined. Students will provide paint, brushes, and painting surfaces.

[CSU; UC]

| 2174 MW |
| 12:00PM-02:50PM | P. Sullivan | J113 | 3.00 |
ART-10. ART APPRECIATION  (G)

Lec 3 Hrs
An introductory study of art examining the styles, elements and techniques as well as the painting, sculpture and architecture of various historical periods and cultures.

[CSU; UC; CSU-GE, AREA C1; IGETC, AREA 3]
[C-ID ARTH 100]

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<td>R. Norris</td>
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ART-12A. DESIGN  (G)

Lec 2 Hrs; Lab 4 Hrs
Introduction to the fundamentals of basic visualization, conceptualization, applications and historical references in art studio theory and practice. Emphasis will be on the exploration of two-dimensional composition incorporating color, value, line and form. Students will be charged a lab fee of $90. The lab fee covers their own brushes, pencils, and paper.

[CSU; UC][C-ID ARTS 101]

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ART-13. THREE-DIMENSIONAL DESIGN  (G)

Lec 2 Hrs; Lab 4 Hrs
An introduction to the concepts, applications, and historical references related to three-dimensional design and spatial composition using plastic, metal, wood and other materials.

[CSU; UC][C-ID ARTS 101]

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<td>2167</td>
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<td>10:00AM-11:50AM</td>
<td>E. Bosler</td>
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ART-15A. CERAMICS A  (G)

Lec 2 Hrs; Lab 4 Hrs
An introductory study of clay and ceramic materials and their use in the creation of art objects by slab and coil methods; introduction to the potter's clay, clay tools, and optional materials (aprons, sponges, towels, etc.)

[CSU; UC][C-ID ARTS 230]

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<td>P. Murakami</td>
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ART-15B. CERAMICS B  (G)

Prerequisite: ART-15A with a grade of "C" or better.
Lec 2 Hrs; Lab 4 Hrs
Further study of clay and ceramic materials and their use in the creation of art objects by slab and coil methods, the potter's wheel and the use and mixing of glazes and firing methods. Students will practice clay, clay tools, and optional materials (aprons, sponges, towels, etc.)

[CSU; UC]

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ART-70. INTRODUCTION TO GRAPHIC DESIGN AND COMPUTER GRAPHICS  (G)

Lec 2 Hrs; Lab 3 Hrs
The study and application of the fundamentals of graphic design including history, theory and practice. This course brings together a blend of the aesthetic principles of design and hands-on computer-based production skills. Structuring graphic design information from visual design concept through final product, students will utilize the computer graphic applications of Adobe Illustrator, Adobe InDesign, and Corel Painter on the Macintosh computer.

[CSU; UC]

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ART-72. INTRODUCTION TO DIGITAL ARTS  (G)

Lec 2 Hrs; Lab 3 Hrs
An introduction to the fundamentals of digital arts, including history, social impact, career options and industry trends. Students will apply visual and aural aesthetic design principles in the hands-on exploration of the digital art tools of typography, graphics, digital imaging, animation, full motion video, and digital media interface design. Students will analyze the essential topics of interactivity, media development process, and the applications and future directions of the digital arts.

[CSU; UC][C-ID ARTS 250]

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ART-76. INTRODUCTION TO 3D DIGITAL ANIMATION  (G)

Lec 2 Hrs; Lab 3 Hrs
An introduction to the field of 3D animation, including history, aesthetic principles, social impact, career options and industry trends. Students will explore the use of 3D animation in both Eastern and Western civilization and the progression into contemporary digital applications. Students will develop an animation from original concept to the planning of a written and visual storyboard and into a finalized movie output. Students will utilize 3D computer-based applications for hands-on experience with digital keyframe animation with an emphasis on the visual aesthetics of gesture and movement. Emphasis will also involve the exploration the visual representation of a 3D environment through the critical decisions of camera angle, lighting and surface qualities.

[CSU]

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ART-77. INTRO TO DIGITAL VIDEO AND VIDEO EDITING(G)

Lec 2 Hrs; Lab 3 Hrs
An introduction to the field of digital video and video editing, including the history and overview of analog and digital video, analysis of the social impact of commercial and fine art videos, exploration of digital video career options and industry trends and the application of non-linear video editing. Students will work hands-on on creating digital video.

[CSU]

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ART-80. INTRODUCTION TO DIGITAL PHOTOGRAPHY AND PHOTOGRAPHIC IMAGING (G)

Lec 2 Hrs; Lab 3 Hrs
An introduction to the field of digital photographic media, including history, social impact, career options and industry trends. Students will explore the use of digital photographic tools in the design and production of digital photographic media. Students will work hands-on with Adobe Photoshop, the industry standard for digital photo imaging, retouching, design and web creation. Students will learn to create, scan and manipulate images for graphic and fine arts.

[CSC; UC]
2172 MW 03:30PM-05:45PM J. Nemiro J216 3.00

ART-84. DIGITAL ART PORTFOLIO & BUSINESS PRACTICES (G)

Prerequisite: ART-70, ART-72, ART-77 and ART-80 with a grade of "C" or better.

Lec 2 Hrs; Lab 3 Hrs
Designed for intermediate and advanced level students wishing to pursue a career in the digital art areas of: digital illustration, 3D modeling and animation, graphic design, video, web design, game design, motion graphics, digital photography and photo imaging. Topics include selection of work, sequencing, presentation formats (demo reels, online portfolios, interactive portfolios and print portfolios). Includes professional business practices (proposals, billing, copyright, resumes etc.), and social media as a mobile marketing tool for use by digital artists. Students will develop and assemble individual portfolios for application for employment in the field or to transfer to four-year colleges. Strongly recommended for digital art majors.

2187 S 09:00AM-02:00PM O. Davalos J216 3.00

ART-102. CERAMICS: JAPANESE TRADITIONS (G)

Lec 2 Hrs; Lab 4 Hrs
Introduction to Ceramic Forms and Methods with Emphasis on Japanese Traditions. Students may only take four of the following course: ART-15A, ART-15B, ART-100, ART-102 and ART-103. Each course is not repeatable. Students will be charged a lab fee of $40 to cover clay, glaze and other items.

2177 TTh 12:00PM-02:50PM P. Murakami J102 3.00
2180 MW 06:00PM-08:50PM S. Rios J102 3.00
2183 TTh 06:00PM-08:50PM P. Murakami J102 3.00
2186 MW 12:00PM-02:50PM S. Rios J102 3.00

AST-1. INTRODUCTION TO ASTRONOMY (G)

Advisory: Students taking online courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC.

Lec 3 Hrs
A comprehensive survey of modern astronomy with an emphasis on the scientific method and the interpretation of astronomical data in discovering the nature of the solar system and the universe. Planetarium demonstrations are included. Suitable for students from all majors and acceptable for physical science credit at any state college or university. Lab requirement can be satisfied when combined with AST-IL.

[CSC; UC; CSU GE, AREA B1; IGETC, AREA 5]
1180 ONLINE P. Moth INT 3.00
Section 1180 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at pmoth@hartnell.edu for further information.

1181 TTh 11:00AM-12:15PM P. Moth N22 3.00
1182 MW 11:00AM-11:50AM P. Moth N22 3.00
1183 W 06:00PM-08:50PM STAFF N22 3.00

AST-1L. ASTRONOMY LABORATORY (G)

Corequisite: AST-1

Lab 3 Hrs
Laboratory course in astronomy that uses a combination of experiments, NASA data, and computer software to teach the basic principles and methods of modern astronomy. Students will make their own measurements and use astronomical data to identify objects in the night sky and to learn about the properties of light, telescopes, stars, and galaxies. A field trip to an observatory and extensive use of the digital Planetarium is included.

[CSC; UC; CSU GE, AREA B3; IGETC, AREA 5]
Other: Completion of or concurrent enrollment in AST-1 is required.

1184 T 02:00PM-04:50PM P. Moth N8 1.00
1185 Th 02:00PM-04:50PM P. Moth N8 1.00
1186 Th 06:00PM-08:50PM STAFF N8 1.00
1187 M 02:00PM-05:30PM P. Moth N11 1.00

ADVISORY FOR WEB-BASED AND HYBRID COURSES

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
AUT-50. INTRODUCTION TO AUTOMOTIVE REPAIR (G/P)
   Lec 2 Hrs; Lab 6 Hrs
A basic course covering safety, the use of service publications, and the technical knowledge and skills in all areas of the vehicle to reach a minimum skill level. Completion of this course will provide critical skills for employment as an automotive service station attendant. Completion of AUT50A, and 50B is equivalent to 50.

[CSU]

7052 MW 08:00AM-08:50AM M. Dehart AC-C205 4.00
MW 09:00AM-11:50AM M. Dehart AC-D119
Section 7052 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

AUT-51. AUTO ENGINE PERFORMANCE AND DIAGNOSTICS (G)
   Lec 2 Hrs; Lab 6 Hrs
Diagnosis and repair of gasoline engines, including ignition system diagnosis, repair procedures, valve adjusting, fuel system testing, servicing turbochargers, exhaust and intake systems diagnosis and repair emission controls diagnosis and repair. Proper use of tools and literature to perform adjustments and troubleshooting to maintain proper engine performance.

[CSU]

7043 TTh 06:00PM-06:50PM W. Musselman AC-C110 4.00
TTh 07:00PM-09:50PM W. Musselman AC-D116
Section 7043 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

AUT-71. AUTO BRAKE SYSTEMS AND CONTROLS (G)
   Lec 2 Hrs; Lab 6 Hrs
Theory, service and repair of conventional ABS brake systems. Automotive repair exercises develop skills and knowledge in the use of equipment used in servicing automotive brake systems. Identify and interpret brake system concerns; determine necessary repair action. Research applicable vehicle and service information, such as brake system operation, vehicle service history, service precautions, and technical service bulletins.

[CSU]

7044 MW 06:00PM-06:50PM J. Teraji AC-D116 4.00
MW 07:00PM-09:50PM J. Teraji AC-D116
Section 7044 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

AUT-82. AUTOMATIC TRANSMISSIONS & TANSAXLES(G)
   Lec 2 Hrs; Lab 6 Hrs
Covers drive train basics, drive train theory, general theories of operation, electronic controls, transmission designs, torque converters and oil pumps, hydraulic circuits and controls, gears and shafts, and reaction and friction units.

[CSU]

7045 MW 08:00AM-08:50AM P. Escoto AC-C110 4.00
MW 09:00AM-11:50AM P. Escoto AC-D116
Section 7045 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
BIO-3. GENERAL BOTANY

Prerequisite: MAT-123 with a grade of "C" or better or placement by Hartnell's assessment.

Advisory: A college-level biology course.

Lec 3 Hrs; Lab 6 Hrs

An introduction to the principles of plant biology with emphasis on diversity, morphology, cellular and organismal physiology, heredity, evolution, and ecology of living organisms. This is a general education course intended for students not majoring in biology.

[CSU; UC; CSU-GE, AREA B3; IGETC, AREA 5]

[C-ID BIOL 140 with BIO-2]

1102 TF 02:00PM-03:15PM J. Hughey N6 5.00

TF 03:30PM-06:20PM J. Hughey N6

BIO-5. HUMAN ANATOMY

Prerequisite: ENG-1A with a grade of "C" or better.

Advisory: Completion of any college-level biology course, with a grade of "C" or better, is strongly recommended before attempting BIO-5.

Lec 3 Hrs; Lab 3 Hrs

A survey of the structure of the human body including the integumentary, skeletal, muscular, digestive, nervous, lymphatic, cardiovascular, endocrine, respiratory, urinary, and reproductive systems. The course is designed primarily for physical education/kinesiology and nursing majors but will benefit any student interested in the form and function of the human body.

[CSU; UC; CSU-GE, AREA B2, B3; IGETC, AREA 5]

[C-ID BIOL 110B]

1104 TTh 12:30PM-01:45PM R. Fields N12 4.00

Th 02:00PM-04:50PM R. Fields N4

1105 TTh 12:30PM-01:45PM R. Fields N12 4.00

Th 08:00AM-10:50AM R. Fields N4

1106 TTh 12:30PM-01:45PM R. Fields N12 4.00

T 02:00PM-04:50PM R. Fields N4

1107 Th 06:00PM-08:50PM J. Hubbard N12 4.00

F 02:30PM-05:20PM J. Hubbard N4

1108 Th 06:00PM-08:50PM J. Hubbard N12 4.00

F 11:00AM-01:50PM J. Hubbard N4

1109 Th 06:00PM-08:50PM J. Hubbard N12 4.00

S 09:00AM-12:20PM J. Hubbard N4

BIO-6. INTRODUCTORY PHYSIOLOGY

Prerequisite: BIO 1 or BIO 5, and completion of any college-level chemistry course. All prerequisites must be completed with a grade of "C" or better.

Lec 3 Hrs

An introduction to the study of the structure and function of human systems with an emphasis on the contribution of cellular and tissue structure and function to homeostasis. Recommended for health-related certificate programs, registered nursing, biology, physical education, pre-med, pre-dental, and pre-veterinary majors.

[CSU; UC; CSU-GE, AREA B2; IGETC, AREA 5]

[C-ID BIOL 120B with BIO 6]

1110 W 06:00PM-08:50PM I. Ferraris N1 3.00

1111 MWF 10:00AM-10:50AM R. Fields N22 3.00

BIO-6L. PHYSIOLOGY LABORATORY

Prerequisite: Take BIO-6

Corequisite: BIO-6

Lab 6 Hrs

An introduction to the laboratory study of the structure and function of human systems with an emphasis on the collection and analysis of chemical and physical data which relate to the concept of homeostasis in the human body. Recommended for health-related certificate programs, physical education, biology, pre-med, pre-dental, and pre-veterinary majors.

[CSU; UC; CSU-GE, AREA B3; IGETC, AREA 5]

[C-ID BIOL 120B with BIO 6]

1128 TTh 02:00PM-04:50PM A. Edens N29 2.00

1129 TTh 06:00PM-08:50PM I. Ferraris N29 2.00

1130 TTh 11:00AM-01:50PM A. Edens N29 2.00

BIO-10. GENERAL BIOLOGY

Lec 3 Hrs; Lab 3 Hrs

An introduction to the principles of general biology with emphasis on diversity, morphology, cellular and organismal physiology, heredity, evolution, and ecology of living organisms. This is a general education course intended for students not majoring in biology.

[CSU; UC; CSU-GE, AREA B2, B3; IGETC, AREA 5]

1112 T 06:00PM-08:50PM M. Guido N4 4.00

Th 06:00PM-08:50PM M. Guido N6

1113 TTh 11:00AM-12:15PM M. Touton N1 4.00

Th 08:00AM-10:50AM M. Touton N6

1114 TTh 11:00AM-12:15PM M. Touton N1 4.00

T 08:00AM-10:50AM M. Touton N6

BIO-11. INTRODUCTORY HUMAN ANATOMY AND PHYSIOLOGY

Lec 3 Hrs; Lab 3 Hrs

An introduction to the biology of the human being. The structure and function of the organ systems of the human body, and their contributions to homeostasis will be emphasized in lecture and laboratory.

[CSU; UC; CSU-GE, AREA B2, B3; IGETC, AREA 5]

1115 T 06:00PM-08:50PM STAFF N22 4.00

Th 06:00PM-08:50PM STAFF N4

1116 T 06:00PM-08:50PM STAFF N22 4.00

W 06:00PM-08:50PM STAFF N4

1117 MWF 11:00AM-11:50AM A. Wright N1 4.00

Th 11:00AM-01:50PM A. Wright N4

1118 MWF 11:00AM-11:50AM A. Wright N1 4.00

T 11:00AM-01:50PM A. Wright N4

ADVISORY FOR WEB-BASED AND HYBRID COURSES

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BIO-12. INTRODUCTION TO GENETICS (G/P)
Advisory: Completion of one-year of beginning algebra (high school or college) with a grade of "C" or better.
Lec 3 Hrs
An introduction to the fundamental principles of genetics and heredity. Students will investigate the transmission of traits from one generation to the next, the molecular structure of genes and gene products, the regulation of gene expression, and factors affecting gene frequencies in populations. Students will also analyze the social, legal and ethical implications of advances in genetic technology as applied to medicine and biotechnology. The course is designed for all students interested in the science and application of genetics.
[CSU; UC; CSU-GE, AREA B2; IGETC AREA 5]
1119 Th 06:00PM-08:50PM M. Touton N22 3.00

BIO-18. INTRODUCTION TO PATHOPHYSIOLOGY (G)
Prerequisite: BIO-11 with a "C" grade or better OR BIO-6, BIO-6L, and BIO-5 with a "C" grade or better
Lec 3 Hrs
Introduction to concepts and principles of disease processes of the human body. The course will utilize the format of detection, diagnosis, treatment, etiology, pathogenesis, and prevention of diseases in all major body systems.
[CSU; UC; CSU-GE, AREA B2; IGETC AREA 5]
1120 MWF 12:00PM-12:50PM R. Fields N22 3.00

BIO-20. FIELD BIOLOGY/NATURAL SCIENCE (G/P)
Lec 3 Hrs; Lab 3 Hrs
An introduction to the natural history of bacteria, fungi, protists, plants and animals. Identification, classification, life histories, and ecological relationships will be investigated. Recommended for students interested in outdoor biological studies.
[CSU; UC; CSU-GE, AREA B2, B3; IGETC, AREA 5]
6005 W 12:00PM-02:50PM D. Lavoie KCC209 4.00
W 03:00PM-05:50PM D. Lavoie KCC209
Section 6005 is offered at King City Education Center, 117 N. Second St., King City.

BIO-27. PRINCIPLES OF MICROBIOLOGY (G)
Prerequisite: Completion of any college level chemistry course with a grade of "C" or better.
Advisory: Completion of any college-level biology course with a grade of "C" or better. For nursing students, completion of coursework in human anatomy and physiology (i.e., BIO-5 and BIO-6/L) is strongly recommended.
Lec 3 Hrs; Lab 3 Hrs
A general introduction to the study of bacteria, viruses, fungi, algae, and protozoa, with major emphasis on the study of bacteria. Aspects of microbiology important in health, sanitation, food processing, and biotechnology are emphasized in lecture and laboratory. This course is designed for students majoring in biological sciences, nursing, and other health science majors.
[CSU; UC; CSU-GE, AREA B2, B3; IGETC, AREA 5]
1121 MW 12:00PM-01:15PM A. Wright N4 4.00
MW 01:30PM-02:45PM A. Wright N29
1122 MW 06:00PM-07:15PM R. Hayes N12 4.00
MW 04:30PM-05:45PM R. Hayes N29
1123 MW 06:00PM-07:15PM R. Hayes N12 4.00
MW 07:30PM-08:45PM R. Hayes N29

BIO-30. MARINE BIOLOGY (G/P)
Lec 3 Hrs; Lab 3 Hrs
An introduction to the study of marine life. Emphasis on the fundamentals of biology, with a survey of the prokaryotes, algae, invertebrates, vertebrates and their physiology and ecology. Recommended for non-science majors who desire a general knowledge and appreciation of life in the sea.
[CSU; UC; CSU-GE, AREA B2, B3; IGETC, AREA 5]
1124 M 02:00PM-03:20PM J. Hughey N4 4.00
W 02:00PM-04:50PM J. Hughey N4

BIO-42. HUMAN BIOLOGY (G)
Lec 3 Hrs
Introduction to human biology, including biochemistry, cytology, histology, organ systems, and genetics. Behaviors related to health and diseases are presented, as well as advances in biotechnology and the impact of humans on the environment. Will benefit non-major as well as students interested in health careers.
[CSU; UC; CSU-GE, AREA B2, E; IGETC, AREA 5]
6006 M 09:00AM-12:35PM D. Gregorio KCC209 3.00
Section 6006 is offered at King City Education Center, 117 N. Second St., King City.
9012 TTh 09:00AM-10:15AM A. Wright AC-C204 3.00
Section 9012 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
1132 ONLINE A. Steinhardt INT 3.00
Section 1132 meets 16 weeks, 2/1/16-5/28/16, and is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at asteinhardt@hartnell.edu for further information.
1125 M 06:00PM-09:20PM J. Hughey N1 3.00

ADVISORY FOR WEB-BASED AND HYBRID COURSES
Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
BIO-47. ECOLOGY (G)
Lec 3 Hrs; Lab 3 Hrs
Introduction to the relationships between organisms and their environments. Emphasis on habitats, organismal biology, energy flow, nutrient cycles, natural populations, communities, and human interactions with natural ecosystems. Field trips will be scheduled. Recommended for anyone who desires a general knowledge and appreciation of ecosystems. Students should consult transfer agreements to determine whether the course fulfills a requirement for an environmental studies program at a specific university.
[CSU; UC; CSU-GE, AREA B2, B3; IGETC, AREA 5]
1127 T 11:00AM-01:50PM N. Wheat N6 4.00
Th 11:00AM-01:50PM N. Wheat N6

BIO-48. ENVIRONMENTAL SCIENCE (G)
Lec 3 Hrs
An introductory and multidisciplinary study of the biology of our environment and its interrelationships. Emphasis is on the impact of human population and policies in regard to air, water, land use, resources and waste management.
[CSU; UC; CSU-GE, AREA B2 IGETC AREA 5]
1131 ONLINE N. Wheat INT 3.00
Section 1131 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at n.wheat@hartnell.edu for further information.

BIO-59. BIOLOGICAL RESEARCH METHODS (G)
Lec 1.5 Hrs; Lab 4.5 Hrs
This course provides training in research methods in the biological sciences. It is intended to prepare students for work on independent projects in a professional laboratory environment. Students will learn how to develop a project, collect and record data using appropriate techniques, conduct and analyze experiments, and communicate their findings. This course provides intensive training in research methods used in biology, chemistry, agriculture, and other disciplines in which living organisms are studied in a laboratory setting. Lecture and lab experiences include laboratory safety, data collection and record keeping, use and maintenance of laboratory equipment, aseptic technique, calculation and preparation of solutions and media, fundamentals of measurement, separation technologies, and specialized methods in field studies and biotechnology. This course is recommended for students seeking to acquire skills that can be applied in the workplace or advanced studies.
7880 MW 06:00PM-08:45PM A. Wright AC-C204 4.00
MW 06:45PM-08:50PM A. Wright AC-C204
Section 7880 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

BUSINESS

BUS-1A. FINANCIAL ACCOUNTING (G/P)
Advisory: Completion of BUS-152, and BUS-32. Eligibility for ENG-1A; and, MAT-123.
Lec 3.50 Hrs; Lab 1.50 Hrs
This is the study of accounting as an information system, examining why it is important and how it is used by investors, creditors, and others to make decisions. The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis. Includes issues relating to asset, liability, and equity valuation, revenue and expense recognition, cash flow, internal controls, and ethics.
[CSU; UC][C-ID ACCT 110]
2300 MW 01:00PM-03:15PM R. Maffe  D361 4.00
2301 TTh 06:00PM-08:15PM D. Torres E329 4.00
2320 W 01:30PM-04:45PM N. Trout D275 4.00
ONLINE N. Trout INT
Section 2320 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at n.trout@hartnell.edu for further information.
Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.
2302 ONLINE C. Esparza INT 3.00
Section 2302 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at cesparza@hartnell.edu for further information.

BUS-1B. MANAGERIAL ACCOUNTING (G/P)
Prerequisite: BUS-1A with a grade of “C” or better.
Lec 3.50 Hrs; Lab 1.50 Hrs
This is the study of how managers use accounting information in decision-making, planning, directing operations and controlling. Focuses on cost terms and concepts, cost behavior, cost-volume-profit analysis. Includes issues relating to cost systems, cost control, profit planning, and performances analysis in manufacturing and service environments.
[CSU; UC][C-ID ACCT 120]
2303 TTh 01:00PM-03:15PM R. Maffe E321 4.00
2304 S 09:00AM-11:50AM D. Torres E321 4.00
ONLINE D. Torres INT
Section 2304 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at dtorres@hartnell.edu for further information.
Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

ADVISORY FOR WEB-BASED AND HYBRID COURSES
Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
BUS-18. LEGAL ENVIRONMENT OF BUSINESS  (G/P)
Lec 4 Hrs
Provides the student with a comprehensive understanding of the law and its relationship to business. An introduction to the sources of law, the legal system, the court system, antitrust law, administrative agencies, and business ethics. Content includes business torts and crimes, contracts, agency, employment discriminations, business organization formats, the legal aspects of partnerships and corporations, securities regulations, and domestic and international governmental relations.

[CSU; UC][C-ID BUS 120]

2305 F 01:00PM-02:50PM J. Lewis E309 4.00
ONLINE J. Lewis INT
Section 2305 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at jlewis@hartnell.edu for further information.
Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

2306 ONLINE L. Storm INT 4.00
Section 2306 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at lstorm@hartnell.edu for further information.

2307 ONLINE L. Storm INT 4.00
Section 2307 offered as a web-based course. Students can login starting Monday, April 18, at myetudes.org/portal and follow instructions. Contact instructor via email at lstorm@hartnell.edu for further information. Section 2307 meets 6 weeks, 4/18/16-5/27/16, and is part of the Fast Track Program. FAST TRACK SESSION 6

ADVISORY FOR WEB-BASED AND HYBRID COURSES
Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.

BUS-32. INTRODUCTION TO BUSINESS  (G/P)
Lec 3 Hrs
A survey in business providing a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization's policy and practices within the U.S. and a global society. Demonstrates how these influences impact the primary areas of business including: organizational structure and design; leadership, human resource management, organized labor practices; marketing; organizational communication; technology; entrepreneurship; legal, accounting, financial practices; the securities market; and therefore affect a business' ability to achieve its organizational goals.

[CSU; UC; CSU-GE, AREA D2][C-ID BUS 110]

2308 MWF 11:00AM-11:50AM R. Maffei D267 3.00
2310 Th 05:30PM-08:20PM R. Maffei E321 3.00
2311 TTh 09:30AM-12:45AM R. Maffei E329 3.00
2312 ONLINE C. Hobson INT 3.00
Section 2312 meets 9 weeks, 1/21/16-3/19/16, and is offered as a web-based course. Students can login starting Thursday, January 21, 2016 at myetudes.org/portal and follow instructions. Contact instructor via email at chobson@hartnell.edu for further information.

2309 Th 02:00PM-03:15PM N. Trout E309 3.00
ONLINE N. Trout INT
Section 2309 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at ntrout@hartnell.edu for further information.
Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

2313 ONLINE C. Hobson INT 3.00
Section 2313 meets 9 weeks, 3/21/16-5/20/16, and is offered as a web-based course. Students can login starting Monday, March 21, 2016, at myetudes.org/portal and follow instructions. Contact instructor via email at chobson@hartnell.edu for further information.

BUS-34. ENTREPRENEURSHIP: SMALL BUSINESS MANAGEMENT  (G/P)
Lec 3 Hrs
Introduces students to the risks and rewards of entrepreneurship. Illustrates the functions of small business management by surveying the concepts of organizing, planning, financing, staffing, marketing and operations. Students will create a business plan and build practical knowledge and skills to help ensure success in owning and/or managing a small business.

[CSU]

6007 T 01:00PM-02:15PM N. Trout KCC211 3.00
ONLINE N. Trout INT
Section 6007 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. The face to face portion is offered at King City Education Center, 117 N. Second St., King City. If you have any questions, please contact the instructor via email at ntrout@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.
**BUS-43. BUSINESS INFO SYSTEMS & INFO LITERACY (G/P)**  
**Prerequisite:** Eligibility for ENG-1A  
**Lec** 3 Hrs; **Lab** 3 Hrs  
Examination of business information systems and their role in business. Focus on business information systems, database management systems, networking, e-commerce, ethics and security, information processing cycle, and associated hardware and software. Skill development in the use of business application software and the use of technology tools for research. Application of these concepts and methods through hands-on projects developing computer-based solutions to business problems. Not open to students who have completed CSS 43 with a grade of C or better.  
[CSU; UC] [C-ID BUS 140]  

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<tr>
<td>2314</td>
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<td>INT</td>
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<td>Section 2314 offered as a web-based course. Students can login starting Monday, February 29, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:chobson@hartnell.edu">chobson@hartnell.edu</a> further information. Section 2314 meets 6 weeks, 2/29/16-4/15/16.</td>
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<td>2315</td>
<td>ONLINE</td>
<td>C. O'Donnell</td>
<td>INT</td>
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<td>Section 2315 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:codonnell@hartnell.edu">codonnell@hartnell.edu</a> for further information.</td>
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<td>2316 M</td>
<td>01:00PM-02:50PM</td>
<td>C. Hobson</td>
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<td></td>
<td>Section 2316 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:chobson@hartnell.edu">chobson@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
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<td>2317 TTh</td>
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<td>C. O'Donnell</td>
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<td>ONLINE</td>
<td>C. O'Donnell</td>
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<td></td>
<td>Section 2317 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:codonnell@hartnell.edu">codonnell@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
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<td>2318 W</td>
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<td>C. Svendsen</td>
<td>E213</td>
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<td>ONLINE</td>
<td>C. Svendsen</td>
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<td></td>
<td>Section 2318 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:csvendsen@hartnell.edu">csvendsen@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
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**BUS-50. INTRODUCTION TO PC APPLICATIONS (G/P)**  
**Advisory:** Keyboarding speed of 25 words a minute recommended.  
**Lec** 3.50 Hrs; **Lab** 1.50 Hrs  
An introduction to computer hardware, operating systems, application software (word processing, spreadsheet, database, presentation, and e-mail), and the Internet. This course is designed for students with limited or no knowledge of computer applications. Not open to students who have completed BUS 109 or CSS 109 with a grade of "C" or better.  
[CSU; UC]  

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<tr>
<td>2319 Th</td>
<td>06:00PM-08:50PM</td>
<td>J. Campos</td>
<td>E213</td>
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<td>ONLINE</td>
<td>J. Campos</td>
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<td></td>
<td>Section 2319 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:jcampos@hartnell.edu">jcampos@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
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**BUS-110. BEGINNING KEYBOARDING AND DOCUMENT FORMATTING (G/P)**  
**Prerequisite:** BUS-110A or BUS-110B. All prerequisites must be completed with a grade of "C" or better.  
**Lec** 2 Hrs; **Lab** 3 Hrs  
Introduction to keyboarding and basic techniques using the touch system on the computer as well as basic document processing. Emphasis on speed and accuracy on straight copy and proper formatting procedures in the preparation of business letters, memos, tables, and reports using a word processing program. Not open to students who have completed BUS 110A, 110B, 111, or 112.  

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<tr>
<td>2298 MTWTh</td>
<td>11:00AM-12:05PM</td>
<td>M. Kimm</td>
<td>E219</td>
<td>3.00</td>
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</table>

**BUS-111. INTERMEDIATE OFFICE SKILLS (G/P)**  
**Prerequisite:** BUS-110 or BUS-110A and BUS-110B. All prerequisites must be completed with a grade of "C" or better.  
**Lec** 2 Hrs; **Lab** 3 Hrs  
Continued improvement of keyboarding speed and accuracy by "touch"; continued development of formatting techniques used in business documents (letters, reports, tables and forms). Emphasis on organizing materials, establishing work priorities, and determining efficient office production procedure and the integration of basic office skills.  

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<tbody>
<tr>
<td>2297 MTWTh</td>
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<td>P. Calvert</td>
<td>E213</td>
<td>3.00</td>
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**BUS-128. PROFESSIONALISM IN THE WORKPLACE (G/P)**  
**Lec** 2 Hrs  
Designed to assist potential employees develop the personal qualifications, interpersonal skills, and values that are in demand in the workplace.  

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<tr>
<td>2321 MW</td>
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<td>P. Calvert</td>
<td>E321</td>
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**BUS-150. BASIC COMPUTER APPLICATIONS (G/P)**  
**Lec** 1.50 Hrs; **Lab** 1.50 Hrs  
Introduction to computer terminology, office applications and file management. Topics covered include hardware, software, word processing, spreadsheets, presentation software, file management, email and the Internet.  

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<tr>
<td>2323 MW</td>
<td>06:00PM-07:15PM</td>
<td>A. Micou</td>
<td>E215</td>
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</table>

**BUS-150. ELECTRONIC SPREADSHEETS (G/P)**  
**Advisory:** Keyboarding speed of 25 words a minute recommended.  
**Lec** 2 Hrs; **Lab** 3 Hrs  
Use of spreadsheet features/commands to create and edit electronic spreadsheets using a computer. Not open to students who have completed CSS 150.25.  
[CSU]  

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<tr>
<td>2324 T</td>
<td>09:00AM-10:50AM</td>
<td>P. Calvert</td>
<td>E213</td>
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<td>ONLINE</td>
<td>P. Calvert</td>
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<td></td>
<td>Section 2324 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:pcalvert@hartnell.edu">pcalvert@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
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<tr>
<td>BUS-154. COMPUTERIZED ACCOUNTING</td>
<td>(G/P)</td>
<td>Lec 2 Hrs; Lab 3 Hrs</td>
<td>J. Campos</td>
<td>E213</td>
<td>3.00</td>
</tr>
<tr>
<td>Provides instruction in computer assisted accounting, including the simulation of the accounting cycle. Topics include general ledger, accounting receivable, accounts payable, transactions and reports, financial statements analysis, depreciation, payroll, and program setup.</td>
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<td>2325 M</td>
<td>06:00PM-07:50PM</td>
<td>ONLINE</td>
<td>J. Campos</td>
<td>INT</td>
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</tr>
<tr>
<td>Section 2325 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:jcampos@hartnell.edu">jcampos@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
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<tr>
<td>BUS-177. PROOFREADING AND EDITING SKILLS</td>
<td>(G/P)</td>
<td>Lec 3 Hrs</td>
<td>P. Calvert</td>
<td>E309</td>
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<td>Proofreading and text editing skill development; with emphasis on proficient use of a reference manual and the development of Standard Business English vocabulary usage.</td>
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<td>2299 MWF</td>
<td>08:00AM-08:50AM</td>
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<tr>
<td>BUS-180. MEDICAL TERMINOLOGY I</td>
<td>(G)</td>
<td>Lec 3 Hrs</td>
<td>M. Davis</td>
<td>B204B</td>
<td>3.00</td>
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<tr>
<td>Introduces the foundations of medical word-building principles as essential tools for effective communication in the health services industry. This course is not open to students who have completed BUS-180 with a grade of &quot;C&quot; or better.</td>
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<td>BUS-190. CAREER MANAGEMENT</td>
<td>(G/P)</td>
<td>Lec 2 Hrs</td>
<td>N. Trout</td>
<td>E213</td>
<td>2.00</td>
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<td>Emphasis on career planning, the job application process and documents, job application skills, and career planning.</td>
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<tr>
<td>2327 M</td>
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<tr>
<td>BUS-194. HUMAN RELATIONS IN BUSINESS</td>
<td>(G/P)</td>
<td>Lec 3 Hrs</td>
<td>P. Calvert</td>
<td>E313</td>
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<td>The study of the behavior of individuals and groups in organizations for the purpose of satisfying both organizational goals and personal goals.</td>
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**BUSINESS COURSES OFFERED IN THE LAB**

**Open Computer Lab Hours:**
- Monday - Thursday:
  - 9:00am-1:00pm
  - 6:00pm-8:00pm
- Friday and Saturday:
  - 9:00am-12:00pm

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<tbody>
<tr>
<td>BUS-100. INTRO TO BASIC COMPUTER APPLICATIONS</td>
<td>(G/P)</td>
<td>Lab 6 Hrs</td>
<td>C. O'Donnell</td>
<td>E211</td>
<td>.50</td>
</tr>
<tr>
<td>Provides introductory computer application skills instruction in a lab environment. Designed to develop and improve computer skills in one-half unit modules in word processing, spreadsheet, and presentation software. Students will consult with an instructor regarding the scheduling of their hours and the computer application skills they wish to acquire and/or improve.</td>
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<tr>
<td>5438 TTh</td>
<td>01:00PM-01:50PM</td>
<td>E. Morales</td>
<td>E215</td>
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</tr>
<tr>
<td>BUS-140A. KEYBOARDING SPEED AND ACCURACY</td>
<td>(G/P)</td>
<td>Lab 1.50 Hrs</td>
<td>C. O'Donnell</td>
<td>E211</td>
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</tr>
<tr>
<td>Advisory: BUS-110 and/or BUS-110A. Emphasizes speed and accuracy improvement on straight-copy material. Students may enroll at any time during the first half of the semester. Student will progress at an individual pace.</td>
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<tr>
<td>BUS-140B. KEYBOARDING SPEED AND ACCURACY</td>
<td>(G/P)</td>
<td>Lab 1.50 Hrs</td>
<td>C. O'Donnell</td>
<td>E211</td>
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<tr>
<td>Prerequisite: BUS-140A with a grade of &quot;C&quot; or better. Continuation in the development of keyboarding skills focusing on speed and accuracy improvement on straight-copy material. Students may enroll at any time during the first half of the semester. Student will progress at an individual pace.</td>
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<tr>
<td>BUS-172. BUSINESS MACHINE CALCULATIONS</td>
<td>MICROCOMPUTER</td>
<td>(G/P)</td>
<td>C. O'Donnell</td>
<td>E211</td>
<td>1.00</td>
</tr>
<tr>
<td>Advisory: Completion of BUS 151 (Business Arithmetic) is strongly recommended. Use of the 10-key machine calculator to develop speed and accuracy by touch and proficiency in solving practical business problems.</td>
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<tr>
<td>5443</td>
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<tr>
<td>BUS-200. COMPUTER BASICS</td>
<td>(P)</td>
<td>Lab 6 Hrs</td>
<td>C. O'Donnell</td>
<td>E211</td>
<td>.50</td>
</tr>
<tr>
<td>Provides introductory, entry-level computer skills instruction in a lab environment. Designed to develop and improve computer skills in one-half unit modules in computer concepts, terminology and Windows; Internet and Email basics; file and disk management basics; and keyboarding basics. Students will consult with an instructor regarding the scheduling of their hours and the computer skills they wish to acquire and/or improve.</td>
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<tr>
<td>5444</td>
<td>To be arranged</td>
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<td></td>
</tr>
<tr>
<td>5439 TTh</td>
<td>02:00PM-02:50PM</td>
<td>E. Morales</td>
<td>E215</td>
<td>.50</td>
<td></td>
</tr>
<tr>
<td>BUS-209A. COMPUTERS FOR ESL STUDENTS-A</td>
<td>(P)</td>
<td>Lab 0.50 Hrs</td>
<td>C. O'Donnell</td>
<td>E211</td>
<td>.50</td>
</tr>
<tr>
<td>This course focuses on introductory computer concepts for ESL students. Topics covered include the Basics of Computers, Windows Concepts, and WordPad. Student will progress at an individual pace. This course does not meet the Business Office Technology certificate or degree requirements.</td>
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<tr>
<td>5445</td>
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HARTNELL COLLEGE – SPRING 2016

<table>
<thead>
<tr>
<th>SECTION</th>
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<th>INSTRUCTOR</th>
<th>ROOM</th>
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<tbody>
<tr>
<td>CHEMISTRY</td>
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</table>

**CHM-1A. GENERAL CHEMISTRY I (G)**

Prerequisite: MAT-123 with a grade of "C" or better and CHM-22 with a grade of "C" or better or Completion of one year of high school chemistry with a grade of "C" or better. Students may complete a prerequisite clearance process in lieu of CHM-22.

Advisory: Eligibility for ENG-1A

Lec 3 Hrs; Lab 6 Hrs

CHM-1A is the first semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine) mathematics, and engineering. Basic principles of chemistry: atomic structure and quantum theory, periodic properties, nomenclature, chemical reactions, solutions, stoichiometry, thermochemistry, gas laws, states of matter, bonding and molecular structure.

[CSU; UC; CSU-GE, AREA B1, B3; IGETC, AREA 5]
[C-ID CHEM 110] [C-ID CHEM 120S with CHM-1B]

<table>
<thead>
<tr>
<th>Section</th>
<th>Day</th>
<th>Time</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>1160</td>
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<td>03:00PM-04:15PM</td>
<td>B. Bekker</td>
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<tr>
<td></td>
<td>TTh</td>
<td>08:00AM-10:50AM</td>
<td>B. Bekker</td>
<td>N24</td>
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<tr>
<td>1161</td>
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<td></td>
<td>TTh</td>
<td>11:00AM-01:50PM</td>
<td>B. Bekker</td>
<td>N24</td>
<td></td>
</tr>
</tbody>
</table>

**CHM-1B. GENERAL CHEMISTRY II (G)**

Prerequisite: CHM-1A with a grade of "C" or better.

Lec 3 Hrs; Lab 6 Hrs

CHM-1B is the second semester of a one-year course in chemistry intended for majors in the natural sciences (chemistry, biochemistry, biology, physics, pre-medicine) mathematics, and engineering. A continuation of CHM-1A: organic chemistry, descriptive chemistry, the solution process and solution properties, equilibrium, acids and bases, thermochemistry, gas laws, states of matter, bonding and molecular structure.

[CSU; UC; CSU-GE, AREA B1, B3; IGETC, AREA 5]
[C-ID CHEM 120S with CHM-1A]

<table>
<thead>
<tr>
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<th>Instructor</th>
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<tr>
<td></td>
<td>TTh</td>
<td>02:00PM-04:50PM</td>
<td>L. Yee</td>
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<td>1163</td>
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<td>11:00AM-01:50PM</td>
<td>L. Yee</td>
<td>N26</td>
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</table>

**CHM-12B. ORGANIC CHEMISTRY II (G)**

Prerequisite: CHM-12A with a grade of "C" or better

Lec 3 Hrs; Lab 6 Hrs

CHM-12B is the second semester of a one-year course in organic chemistry. Intended for majors in the natural sciences (chemistry, biochemistry, biology, pre-medicine, pre-dental, pre-veterinary, pre-pharmacy) and chemical engineering. Principles of organic chemistry: bonding, structure, structure elucidation using modern instrumental methods, nomenclature, stereochemistry, and reactions, reaction mechanisms, and synthesis of the following functional groups: alcohols, ethers, carbonyl compounds, carboxylic acids and derivatives, amines, phenols, and selected biomolecules.

[CSU; UC; CSU-GE, AREA B1, B3; IGETC, AREA 5]
[C-ID CHEM 160S]

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<tr>
<th>Section</th>
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<td>02:30PM-05:20PM</td>
<td>L. Yee</td>
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**CHM-22. THE SCIENCE OF CHEMISTRY (G)**

Prerequisite: MAT-121 Elementary Algebra with a grade of "C" or better.

Advisory: Eligibility for ENG-1A

Lec 3 Hrs; Lab 3 Hrs

A survey of the fundamental concepts of chemistry: measurement; classification of matter, atomic structure, the periodic table, chemical bonding, nomenclature, chemical equations and stoichiometry, gas laws, solutions, reactions in aqueous solution, acid and bases, oxidation-reduction, nuclear chemistry. Designed for students with no prior background in chemistry.

[CSU; UC; CSU-GE, AREA B1, B3; IGETC, AREA 5]
[C-ID CHEM 101]

<table>
<thead>
<tr>
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<td>A. Taketomo</td>
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<tr>
<td></td>
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<td>01:00PM-03:50PM</td>
<td>STAFF</td>
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**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
CHM-23. ORGANIC AND BIOLOGICAL CHEMISTRY FOR HEALTH SCIENCES (G)

Prerequisite: CHM-22 (with a grade of "C" or better) or CHM-1A (with a grade of "C" or better) or high school chemistry (with a grade of "B" or better.)

Advisory: One year of high school chemistry with a grade of "B" or better.

Lec 3 Hrs; Lab 3 Hrs

An in-depth study of the principles of organic and biological chemistry related to the health science field. Appropriate for most baccalaureate programs in nursing, dental hygiene, physical therapy, physical education, and health sciences generally. Does not meet chemistry requirement for premedicine or predentistry majors.

[CSU; CSU-GE, AREA B1, B3]

1173 MW 09:30AM-10:45AM A. Taketomo N6 4.00
M 11:00AM-02:05PM A. Taketomo N23

COMMUNICATION STUDIES

COM-1. INTRODUCTION TO PUBLIC SPEAKING (G)

Prerequisite: Eligibility for ENG-1A

Lec 3 Hrs

Focuses on the student's ability to present his/her ideas in the public setting with confidence and poise. Students will learn basic methods of designing and delivering speeches to reach a variety of audiences and will be required to create and deliver an electronic presentation. Theory and techniques of public speaking in democratic society will be covered as well as discovery, development, and criticism of ideas in public discourse through research, reasoning, organization, composition, presentation, and evaluation of various types of speeches. Not open to students who have completed SPE-1A with a grade of "C" or better.

[CSU; UC; CSU-GE, AREA A1; IGETC, AREA 1]

[C-ID COMM 110]

5201 T 06:00PM-08:50PM D. Sturt J220 3.00
5202 MW 11:00AM-12:15PM G. King J209 3.00
5203 MW 12:30PM-01:45PM G. King J209 3.00
5204 MW 02:00PM-03:15PM G. King J209 3.00
5205 MW 12:10PM-01:35PM M. Paulson B203 3.00
Section 5205 meets 16 weeks, 2/1/16-5/28/16, and will not meet on 2/15/16.
5206 MW 02:00PM-03:15PM M. Paulson B203 3.00
Section 5206 meets 16 weeks, 2/1/16-5/28/16, and will not meet on 2/15/16.
5208 TTh 12:30PM-01:15PM M. Shilstone A113 3.00
5209 TTh 09:30AM-10:45AM S. Parker J209 3.00
5210 TTh 11:00AM-12:15PM S. Parker J209 3.00
5211 TTh 12:30PM-01:45PM S. Parker J209 3.00
5212 Th 06:00PM-08:50PM D. Sturt J220 3.00
7706 TTh 09:30AM-10:45AM M. Shilstone AC-C109 3.00
Section 7706 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
6010 M 09:00AM-12:05PM J. Lyman KCC108A 3.00
Section 6010 is offered at King City Education Center, 117 N. Second St., King City.
6008 M 01:00PM-04:05PM J. Lyman KCC108A 3.00
Section 6008 is offered at King City Education Center, 117 N. Second St., King City.
6009 M 06:00PM-09:05PM J. Lyman KCC108A 3.00
Section 6009 is offered at King City Education Center, 117 N. Second St., King City.

COM-3. INTRODUCTION TO COMMUNICATION (G)

Prerequisite: Eligibility for ENG-1A

Lec 3 Hrs

Introduction to communication theory in interpersonal, small group, public speaking and mass communication. Emphasis is placed on analytical and organizational skills in communication in each of the four contexts. Participation in exercises in listening, verbal and non-verbal behaviors, and cultural and intercultural communication is required. The student will be required to perform at least three public presentations during the course.

[CSU; UC CSU-GE, AREA A1; IGETC, AREA 1]

5214 MW 09:00AM-10:25AM J. Hough J220 3.00
Section 5214 meets 16 weeks, 2/1/16-5/28/16, and will not meet on 2/15/16.
5215 MW 10:40AM-12:05PM J. Hough J220 3.00
Section 5215 meets 16 weeks, 2/1/16-5/28/16, and will not meet on 2/15/16.
5216 MW 12:20PM-01:45PM J. Hough J220 3.00
Section 5216 meets 16 weeks, 2/1/16-5/28/16, and will not meet on 2/15/16.
5217 MW 10:00AM-11:25PM L. McDonnell B203 3.00
Section 5217 meets 16 weeks, 2/1/16-5/28/16, and will not meet on 2/15/16.
5218 MW 08:00AM-09:15AM L. McDonnell J209 3.00
5219 TTh 09:30AM-10:45AM J. Hough J220 3.00
5220 TTh 11:00AM-12:15PM J. Hough J220 3.00
5221 MW 12:30PM-01:45PM L. McDonnell B204A 3.00

COM-8. INTERPERSONAL COMMUNICATION (G)

Lec 3 Hrs

Explores interpersonal communication elements including listening, perception, language usage, non-verbal communication, and conflict management. Students will learn new skills to overcome communication barriers and enhance their interpersonal relationships. Not open to students who have completed SPE-8 with a grade of "C" or better.

[CSU; UC; CSU-GE AREA D7; IGETC, AREA 4]
[C-ID COMM 130]

5222 TTh 09:30AM-10:45AM L. McDonnell E311 3.00

COM-20. ARGUMENTATION AND DEBATE (G)

Prerequisite: Eligibility for ENG-1A

Lec 3 Hrs

Introduces skills in critical analysis and query to promote advocacy. Students will analyze, present, and evaluate oral and written arguments by identifying fallacies, testing evidence and evidence sources, advancing reasoned positions, and defending and refuting arguments.

[CSU; UC; CSU-GE, AREAS A1, A3; IGETC AREA 1C] [C-ID COMM 120]

5225 TTh 12:30PM-01:45PM J. Hough J220 3.00
COM-35. INTERCULTURAL COMMUNICATION (G)
Lec 3 Hrs
Introduces intercultural communication in domestic and/or global contexts. Students will study intercultural communication among people in the United States, such as Mexican-American, Hispanic, Native American, Asian American, and African American, and in world cultures, such as India, Japan, Europe, Africa, North Central and South America. Emphasis is placed on the influence of cultures, languages, and social patterns on group member relationships among themselves and with members of different ethnic and cultural groups. Theory and knowledge of effective communication within and between cultures will be discussed. Not open to students who have completed COU-35 or SPE-35 with a grade of "C" or better.
[CSU; UC; CSU-GE, AREA D7; IGETC AREA 4]
[C-ID COMM150]
5226 TTh 08:00AM-09:15AM L. McDonnell E311 3.00

COMPUTER SCIENCE AND INFORMATION SYSTEMS

CSS-1. INTRO TO COMPUTER SCIENCE & PROGRAMMING FUNDAMENTALS (G/P)
Prerequisite: Eligibility for MAT-123.
Lec 3 Hrs; Lab 3 Hrs
Introduces the fundamental concepts of procedural programming. Topics include data types, control structures, functions, arrays, files, and the mechanics of running, testing, and debugging. Hands-on experiences with a full-range of computer science topics, demonstrate practical use of computers, and the scope and substance of the Computer Science Discipline. The course also offers an introduction to the historical and social context of computing and an overview of computer science as a discipline. Appropriate for liberal arts majors and students preparing for Computer Science and Information Systems course sequences. (This course is equivalent to the Association of Computing Machinery CS101 Programming Fundamentals course. The first course in a three course programming sequence.) Not open to students who have completed CIS-5.
[CSU; UC] [C-ID COMP 112] [C-ID ITIS 130]

CSS-2A. OBJECT ORIENTED PROGRAMMING (G/P)
Prerequisite: CSS 1 with a grade of "C" or better.
Lec 3 Hrs; Lab 3 Hrs
Introduces the concepts of object-oriented programming, focusing on the definition, and use of classes along with the fundamentals of object-oriented design. Other topics include an overview of programming language principles, analysis of algorithms, basic searching and sorting techniques, and an introduction to software engineering issues. Appropriate for computer science and computer engineering majors. (The second course in a three course programming sequence.)
[CSU; UC]

CSS-2B. DATA STRUCTURES AND ALGORITHMS (G/P)
Prerequisite: CSS 2A with a grade of "C" or better.
Lec 3 Hrs; Lab 3 Hrs
Fundamental concepts of data structures and the algorithms that proceed from them. Topics include recursion, fundamental data structures (including stacks, queues, linked lists, hash tables, trees, and graphs), the basics of algorithmic analysis, and an introduction to the principles of language translation. Appropriate for computer science and computer engineering majors.
[CSU; UC]

CSS-4. INTRODUCTION TO SCIENTIFIC PROGRAMMING (G)
Prerequisite: MAT-2 or MAT-3A with a grade of "C" or better.
Lec 3 Hrs; Lab 3 Hrs
Essentials of programming for science, engineering, and mathematical applications. Extensive programming experience in numerical programming, statistical programming, matrices, and numerical approximation. CSS-4 is designed as the fundamental programming course for transfer students in science, mathematics, and engineering.
[CSU; UC]

ADVISORY FOR WEB-BASED AND HYBRID COURSES
Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
<table>
<thead>
<tr>
<th>CSS-7. DISCRETE STRUCTURES (G/P)</th>
<th><strong>Prerequisite:</strong> MAT-25 and CSS-1 with a grade of &quot;C&quot; or better.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lec</strong> 3 Hrs; <strong>Lab</strong> 3 Hrs</td>
<td>Introduction to the mathematical elements of computer science.</td>
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<tr>
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<td>Topics include propositional logic, predicate logic, sets, functions</td>
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<td>and relations, combinatorics, mathematical induction, recursion,</td>
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<td>algorithms, matrices, graphs, trees and Boolean logic.</td>
</tr>
<tr>
<td><strong>Section 9011</strong> TTh 01:00PM-02:15PM</td>
<td>S. Arteaga AC-C205 4.00</td>
</tr>
<tr>
<td><strong>TTh 02:30PM-03:45PM</strong> S. Arteaga</td>
<td>AC-C205</td>
</tr>
<tr>
<td><strong>AC-C205</strong></td>
<td>Section 9011 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must be part of the CSIT in 3 cohort.</td>
</tr>
<tr>
<td><strong>AC-C205</strong></td>
<td>Section 9011 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:pwiese@hartnell.edu">pwiese@hartnell.edu</a> for further information.</td>
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<tr>
<th>CSS-25. MULTIMEDIA INTEGRATION (G/P)</th>
<th><strong>Lec</strong> 2 Hrs; <strong>Lab</strong> 3 Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Section 7038</strong> ONLINE</td>
<td>C. Svendsen INT 3.00</td>
</tr>
<tr>
<td><strong>Section 7038</strong> meets 9 weeks, 2/29/16-5/6/16, and is offered as a web-based course. Students can login starting Monday, February 29, 2016, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:csvendsen@hartnell.edu">csvendsen@hartnell.edu</a> for further information.</td>
<td></td>
</tr>
<tr>
<td><strong>Section 7038</strong> meets 9 weeks, 2/29/16-5/6/16, and is offered as a web-based course. Students can login starting Monday, February 29, 2016, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:csvendsen@hartnell.edu">csvendsen@hartnell.edu</a> for further information.</td>
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</table>

<table>
<thead>
<tr>
<th>CSS-31. DATABASE MANAGEMENT (G/P)</th>
<th><strong>Lec</strong> 3 Hrs; <strong>Lab</strong> 3 Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Section 7040</strong> ONLINE</td>
<td>P. Wiese INT 4.00</td>
</tr>
<tr>
<td><strong>Section 7040</strong> is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:pwiese@hartnell.edu">pwiese@hartnell.edu</a> for further instruction.</td>
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</tbody>
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<table>
<thead>
<tr>
<th>CSS-44. COMPUTER SYSTEMS AND INFORMATION SYSTEMS (G/P)</th>
<th><strong>Prerequisite:</strong> Eligibility for ENG-1A</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lec</strong> 3 Hrs; <strong>Lab</strong> 3 Hrs</td>
<td>Examination of computer information systems and their role in computer science. Focus on information systems, database management systems, networking, e-commerce, ethics and security, computer systems hardware, software development life cycle, algorithms, and elementary programming concepts. Application of these concepts and methods through hands-on projects developing computer-based solutions to computer systems problems.</td>
</tr>
<tr>
<td><strong>Section 7020</strong> TTh 06:00PM-07:15PM</td>
<td>J. Coria E217 4.00</td>
</tr>
<tr>
<td><strong>Section 7020</strong> TTh 07:30PM-08:45PM</td>
<td>J. Coria E217</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CSS-78. BEGINNING FLASH GAME DESIGN AND PROGRAMMING (G/P)</th>
<th><strong>Lec</strong> 3 Hrs; <strong>Lab</strong> 3 Hrs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Section 7097</strong> ONLINE C. Svendsen INT 4.00</td>
<td>Introduction to beginning game programming using Flash. A brief history of game programming and its uses in today's society will be discussed. Students will learn the basic concepts and components of game programming using action-scripting language. Technical and design ideas will be examined for each component of game design. Students will develop the appropriate skill necessary to develop basic games.</td>
</tr>
<tr>
<td><strong>Section 7097</strong> ONLINE C. Svendsen INT 4.00</td>
<td>Section 7097 meets 9 weeks, 02/29/16-5/6/16, and is offered as a web-based course. Students can login starting Monday, February 29, 2016, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:csvendsen@hartnell.edu">csvendsen@hartnell.edu</a> for further information.</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>CSS-120B. ROUTING &amp; SWITCHING ESSENTIALS (G/P)</th>
<th><strong>Prerequisite:</strong> CSS-120A with a grade of &quot;C&quot; or better.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lec</strong> 3 Hrs; <strong>Lab</strong> 3 Hrs</td>
<td>Describes the architecture, components, and operations of routers and switches in a small network. Students learn how to configure a router and a switch for basic functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1, RIPv2, OSPF, and OSPFv3. Multilayer switches and routers with multiple VLANs and VLAN routing in both IPv4 and IPv6 networks. (Equivalent to CCNA (Routing and Switching) Curriculum Course: Routing and Switching)</td>
</tr>
<tr>
<td><strong>Lec</strong> 3 Hrs; <strong>Lab</strong> 3 Hrs</td>
<td>Section 7034 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:jwelch@hartnell.edu">jwelch@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
</tr>
<tr>
<td><strong>Lec</strong> 3 Hrs; <strong>Lab</strong> 3 Hrs</td>
<td>□ 06:00PM-07:15PM  W. Welch AC-C205 4.00 HARTNELL COLLEGE – SPRING 2016</td>
</tr>
</tbody>
</table>

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
CSS-124. SYSTEM AND NETWORK ADMINISTRATION(G/P)
Advisory: Take CSS-44
Lec 3 Hrs; Lab 3 Hrs
This course will provide a student with the knowledge and skills required to build, maintain, troubleshoot and support server hardware and software technologies. The student will be able to identify environmental issues; understand and comply with disaster recovery and physical / software security procedures; become familiar with industry terminology and concepts; understand server roles / specializations and interaction within the overall computing environment. Not open to students who have completed CSS-170B with a grade of "C" or better.

7035 MW 08:00PM-09:15PM W. Welch AC-C205 4.00
ONLINE W. Welch INT
Section 7035 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at jwelch@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

CSS-125. STORAGE MANAGEMENT AND VIRTUALIZATION (G/P)
Advisory: CSS-120A
Lec 3 Hrs; Lab 3 Hrs
An overview of storage management and management concepts and administration, including tasks and operations involved in the daily management and ongoing support of a network. Additionally, characteristics and limitations of current storage architectures is presented, paired with discussion and implementation in a virtualized environment. Hands-on experience is provided for familiarization with networking and virtualization configurations. Not open to students who have completed CSS-170A with a grade of "C" or better.

7089 ONLINE W. Welch INT 4.00
Section 7089 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at jwelch@hartnell.edu for further information.

CSS-126. DREAMWEAVER (G/P)
Advisory: DE/Hybrid advisory.
Lec 3 Hrs; Lab 3 Hrs
A focus on the student's use of Dreamweaver, web authoring, and its accompanying components to construct complex web projects and its versatile uses for the Internet. Subjects to be covered are web site design, content creation, and editing. Maintaining websites including JavaScript, image maps, mobile website design and other complex components of Dreamweaver and web authoring.

[CSU]
7041 ONLINE C. Svendsen INT 4.00
Section 7041 meets 9 weeks, 2/29/16-5/6/16, and is offered as a web-based course. Students can login starting Monday, February 29, 2016, at myetudes.org/portal and follow instructions. Contact instructor via email at csvendsen@hartnell.edu for further information.

CSS-169. COMPUTER MAINTENANCE AND REPAIR (G)
Lec 3 Hrs; Lab 3 Hrs
An introduction and hands-on approach to the concepts and practices of how to install, set-up and maintain a computer system. Topics covered include hardware, software, procedures, components and configuration for newly constructed and repaired computer systems.

7032 S 09:00AM-12:10PM E. Gutierrez AC-C213 4.00
S 12:30PM-03:40PM E. Gutierrez AC-C213
Section 7032 is offered at Alisal Campus, 1752 E. Alisal St., Salinas, and has 1/2 hour meal break that will be designated by the instructor.

CONSTRUCTION

CONS-104. PRINT READING AND MODELING (G/P)
Lec 3 Hrs
Covers blueprints, specifications, and other construction documents, from which students will build scale models. Students will also review and practice basic measurement, calculation, layout, free-hand drawing, and computer uses. Not open to students who have completed CON 74 with a grade of "C" or better.

[CSU]
7051 TTh 01:00PM-02:15PM J. Anderson AC-C105 3.00
Section 7051 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-121. PRINCIPLES OF SUSTAINABLE DESIGN(G/P)
Lec 3 Hrs
Introduces fundamental concepts and principles of Sustainable Design that can be applied to products, processes, systems, organizations, or buildings. Suitable for students considering a wide spectrum of careers.

7094 TTh 12:00PM-01:15PM R. Ward AC-C111 3.00
Section 7094 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-132. MASONRY AND CONCRETE (G/P)
Lec 2 Hrs; Lab 3 Hrs
Fundamentals of the masonry and concrete industries, including principles, project layout, tools, materials, finishing, new green innovations, and commercial/civil jobs.

7061 TTh 09:00AM-11:15AM J. Mendez AC-C105 3.00
Section 7061 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-136. ELECTRICAL (G/P)
Lec 2 Hrs; Lab 3 Hrs
An introductory study of electrical techniques and practices used in both commercial and residential construction. Topics include safety, tools, principles, circuits, conductors, grounding, wiring, layout, lighting, codes and licenses. Energy conserving products and solar electric installation are also discussed. Not open to those who have completed CON 71 with a grade of "C" or better.

[CSU]
7055 TTh 06:00PM-08:15PM J. Moncada AC-C105 3.00
Section 7055 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
CONS-140. CONSTRUCTION MANAGEMENT AND SCHEDULING (G/P)
Lec 3 Hrs
Covers construction management decision-making fundamentals including resource, cost, and quality control, as well as documentation, planning, scheduling and negotiation. One field trip required.

7056 M 06:00PM-09:05PM R. Ward AC-C105 3.00
Section 7056 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-144. CONSTRUCTION LAW & CONTRACTS (G/P)
Advisory: CONS 140
Lec 3 Hrs
Topics included are construction contracts, labor issues, insurance, costs, damages, environmental concerns, inspections, and dispute avoidance and resolution. Not open to students who have completed CON 62 with a grade of "C" or better.

[CSU]
7093 W 06:00PM-08:50PM R. Ward AC-C105 3.00
Section 7093 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-150. CONSTRUCTION FIELD PRACTICE I (G/P)
Lec 2 Hrs; Lab 12 Hrs
Prerequisite: CONS 151 with a grade of "C" or better.
Continuation of practical applications of field construction skills. Advanced students will focus on leadership and supervisory roles on the job by scheduling and organizing work sessions, procuring appropriate materials, communicating with inspectors, and solving problems. Projects may include any or all phases of construction from excavation to final finish work, depending upon the stage of the project when students join the class. Class meetings are at a specified building site.

[CSU]
7062 M 08:00AM-10:10AM J. Anderson AC-C105 6.00
TWThF 09:00AM-11:50AM J. Anderson AC-D109
Section 7062 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-151. CONSTRUCTION FIELD PRACTICE II (G/P)
Prerequisite: CONS-150 with a grade of "C" or better.
Lec 2 Hrs; Lab 12 Hrs
Continuation of practical applications of construction skills in a field project. Focus on building techniques, job organization, plans, and materials. Projects may include any or all phases of construction from excavation to final finish work, depending upon the specific stage of the project when students join the class. Class meetings are at a specified building site. Not open to students who have completed CON 51 with a grade of "C" or better.

[CSU]
7063 M 10:10AM-12:20PM J. Anderson AC-C105 6.00
TWThF 09:00AM-11:50AM J. Anderson AC-D109
Section 7063 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-152. CONSTRUCTION FIELD PRACTICE III (G/P)
Prerequisite: CONS-151 with a grade of "C" or better.
Lec 2 Hrs; Lab 12 Hrs
Continuation of practical applications of field construction skills. Advanced students will focus on leadership and supervisory roles on the job by scheduling and organizing work sessions, procuring appropriate materials, communicating with inspectors, and solving problems. Projects may include any or all phases of construction from excavation to final finish work, depending upon the stage of the project when students join the class. Class meetings are at a specified building site.

[CSU]
7064 M 12:30PM-02:25PM J. Anderson AC-C105 6.00
TWThF 09:00AM-11:50AM J. Anderson AC-D109
Section 7064 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

CONS-154. TECHNOLOGY TOOLS FOR CONSTRUCTION (G/P)
Lec 3 Hrs
Prerequisite: CONS-144 with a grade of "C" or better.
Exploration of construction management technical software products including Building Information Modeling (BIM), Sketch-up, project management, green materials procurement, scheduling, and estimating tools. Students should be familiar with standard computer functions prior to enrolling in this course. Advisory Students should be familiar with standard computer functions prior to enrolling in this course.

7057 MW 12:00PM-01:15PM R. Ward AC-C110 3.00
Section 7057 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

COUNSELING

COU-1. STUDENT SUCCESS SEMINAR (G/P)
Advisory: Recommended for all first time college students
Lec 3 Hrs
Introduction to the college experience for first year students through the exploration and application of psychological, social, physical principles and life management skills that impact lifelong learning, well being and success. Students will examine wellness and lifestyle choices, effective learning strategies, career exploration, educational and transfer planning and apply creative and critical thinking techniques.

[ CSU; UC, CSU-GE, AREA E]
5500 MWF 08:00AM-08:50AM STAFF B110 3.00
5501 MWF 10:00AM-10:50AM STAFF B110 3.00
5502 MW 12:00PM-01:15PM STAFF B110 3.00
5503 TTh 08:00AM-09:15AM STAFF B110 3.00
5504 TTh 12:30PM-03:35PM STAFF E217 3.00
Section 5504 meets 8 weeks, 4/4/16-5/28/16.
5505 T 06:00PM-08:05PM STAFF E213 3.00
5506 W 06:00PM-08:05PM STAFF B110 3.00
5507 S 09:00AM-12:05PM STAFF E217 3.00
6057 W 03:00PM-05:50PM STAFF SOHS 3.00
Section 6057 is offered at Soledad High School, 425 Gabilian Dr., Room 302, Soledad.
COU-23. STUDENT SKILLS FOR SUCCESS: CAREER DEVELOPMENT (G/P)

Lec 3 Hrs

Designed to assist students create and implement a plan for optimal career and personal development. Students will create a personal and career profile by assessing interests, aptitudes, skills, values, personality, and life and personal circumstances; as well as develop educational options and pathways that occur during a typical life span.

[CSU; CSU-GE, AREA E]

5510 T 06:00PM-08:50PM STAFF E215 3.00
6011 T 03:00PM-05:50PM STAFF KCC109 3.00
Section 6011 is offered at King City Education Center, 117 N. Second St., King City.

COU-30. CAREER INTEREST AND ABILITY ASSESSMENT (P)

Lec 1 Hr

An exploration of personal interests, aptitudes, experiences and values to assist students in their individual career decision-making process. Appropriate for students seeking to determine a major as well as adults in career transitions. This course may be scheduled in a lecture format or self-paced format.

[CSU]

9105 W 09:00AM-09:50AM STAFF AC-C110 1.00
Section 9105 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must be enrolled in the Academy for College Excellence. For more information, please contact by email at theacademy@hartnell.edu or call (831) 755-6723.

DRAFTING

DRA-50. INTRODUCTION TO DRAFTING AND DESIGN(G/P)

Lec 2 Hrs; Lab 3 Hrs

This course introduces graphics as a communication tool used in a variety of industries such as, architecture, engineering, interior design, and construction. Emphasis placed on design principles and processes involved in engineering and architectural fields. Topics include technical sketching, lettering, line types, applied geometry for graphic representation, problem solving, orthographic projection and pictorial projections including: perspective, axonometric and oblique. Basic dimensioning and sectioning with adherence to drafting standards will be covered.

[CSU]

7069 MW 09:00AM-09:50AM P. Entekhabi AC-C209 3.00
MW 10:00AM-11:15AM P. Entekhabi AC-C209
Section 7069 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ADVISORY FOR WEB-BASED AND HYBRID COURSES

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.

DRA-53. ADVANCED AUTOCAD (G)

Prerequisite: DRA-52 with a grade of "C" or better.

Lec 2 Hrs; Lab 3 Hrs

Builds on the knowledge acquired in Introduction to AutoCAD. Examines advanced dimensioning, blocks and attributes, section views, external references, multi-view layouts, command aliases, scripts, and object linking and embedding. Students will learn how to apply advanced dimensioning, create section lines and graphic patterns, design symbols and attributes for multiple uses, and create sheet sets. Covers recommended drafting standards and practices, for the proper drawing preparation with AutoCAD.

[CSU]

7065. ONLINE P. Entekhabi INT 3.00
ONLINE P. Entekhabi INT
Section 7065 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at pentekhabi@hartnell.edu for further information.

DRA-54. AUTOCAD 3D MODELING (G/P)

Prerequisite: DRA-52 with a grade of "C" or better.

Lec 2 Hrs; Lab 3 Hrs

Focuses on three-dimensional concepts and features. AutoCAD software is used to generate wire-frames, surface models and solid models for engineering analysis and presentation. Provides a comprehensive study of the details and procedures used to transform two-dimensional drawings into three-dimensional models. Also includes the procedures for converting models into two-dimensional detail drawings required for the manufacturing or construction industry.

[CSU]

7066 ONLINE P. Entekhabi INT 3.00
Section 7066 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at pentekhabi@hartnell.edu for further information.

DRA-55. ENGINEERING DRAWING WITH SOLIDWORKS(G/P)

Advisory: DRA-50

Lec 2 Hrs; Lab 3 Hrs

Introduces students to essential features of the SolidWorks 3-D computer-aided design modeling application software. Students will construct parts, solid models, assemblies, as well as generate orthographic drawings, add dimensions and plot to produce engineering documentation packages. (Formely EGN-12. Not open to students who have completed EGN-12 with a grade of "C" or better.)

[CSU;UC]

7068 MW 06:00PM-06:50PM P. Entekhabi AC-C208 3.00
MW 07:00PM-08:15PM P. Entekhabi AC-C208
Section 7068 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
DRA-71. ARCHITECTURAL DESIGN AND VISUAL COMMUNICATION II (G/P)
Advisory: DRA-70, ART-70, ART-80
Lec 2 Hrs; Lab 3 Hrs
Course will extend and add to competency achieved in two- and three-dimensional architectural drawing and design communication in DRA-70, using a variety of media including digital drawing and design tools. Drawing and design content will include architectural visual and experiential complexity, spatial definition, structural stability, color theory, shadow casting, digital model building, and representation of materials, transparency, and reflection.

7067 TTh 06:00PM-06:50PM R. Ward AC-C208 3.00
TTh 07:00PM-08:15PM R. Ward AC-C208
Section 7067 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ECE-1. PRINCIPLES AND PRACTICES OF TEACHING YOUNG CHILDREN (G)
Lec 3 Hrs
An examination of the underlying philosophies and theoretical principles of developmentally appropriate practices as they apply to programs and environments. Emphasis on the key role of relationships, constructive adult-child interactions, and teaching strategies in supporting physical, social, creative, and intellectual development for all children. This course includes a review of the historical roots of early childhood programs and the evolution of the professional practices promoting advocacy, ethics, and professional identity.

[CSU] (C-ID ECE 120)

2400 Th 06:00PM-08:50PM A. Zarate-McCoy J108 3.00

ECE-2. HOME, SCHOOL & COMMUNITY RELATIONS (G)
Lec 3 Hrs
An examination of the developing child within a societal context that focuses on the interrelationship of family, school, and community. Emphasis is on historical, socio-economic, and cultural factors which influence the family and the processes of socialization which show importance of respectful, reciprocal relationships that support and empower families.

[CSU; UC; CSU-GE, AREA D7; IGETC, AREA 4] [C-ID CDEV110]

6058 T 06:00PM-08:50PM J. Hori-Garcia SOHS 3.00
Section 6058 is offered at Soledad High School, 425 Gabilan Dr., Room 301, Soledad.

ECE-4. INTRODUCTION TO CURRICULUM (G)
Lec 3 Hrs
Designed for students to develop and implement ECE curriculum and environments for young children from birth to age 6 which is emergent, individually and culturally appropriate, and inclusive. Students will examine basic principles and developmentally appropriate strategies and teachers' role to plan content areas of language and literacy, social and emotional learning, sensory learning, art and creativity, math and science based on observation and assessment documentation.

[CSU] [C-ID ECE 130]

6059 W 06:00PM-08:50PM J. Hori-Garcia SOHS 3.00
Section 6059 is offered at Soledad High School, 425 Gabilan Dr., Room 405, Soledad.

2401 W 06:00PM-08:50PM A. Zarate-McCoy J108 3.00

ECE-10. OBSERVATION AND ASSESSMENT (G)
Prerequisite: Eligibility for ENG-1A and FCS-14 with a grade of "C" or better.
Lec 2 Hrs; Lab 3 Hrs
Provides a framework regarding appropriate use of a variety of assessment and observation strategies to document children's developmental growth, play, and learning to join with families and professionals in promoting children's success. Child observations will be conducted and analyzed using anecdotal records, recording techniques, rating systems, portfolios, and multiple assessment tools. Students will use assessments to identify developmentally appropriate teaching strategies, curriculum, and accurate reports.

[CSU] [C-ID ECE 200]

2411 Th 10:00AM-11:50AM M. Latta E215 3.00
Th 01:00PM-03:50PM M. Latta CDC101

ECE-12A. PRESCHOOL THEORY AND PRACTICUM (G)
Prerequisite: FCS-14, ECE-4, ECE-10, ECE-1 with a grade of "C" or better.
Advisory: ENG-101 or ESL-101
Other: TB Clearance
Lec 2 Hrs; Lab 6 Hrs
Designed for ECE students to demonstrate developmentally appropriate early childhood teaching competencies and program planning under the guided supervision of ECE instructor at the college child development center or mentor site. Emphasis will be on making connections between theory and practice from practical classroom experiences to promote positive development, learning, comprehensive understanding for all children and their families, and to develop professional behaviors. Child centered, play-oriented approaches to teaching, learning, and assessment; and knowledge of curriculum content areas will be emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning for all young children. TB clearance must be completed before the first day of class.

[CSU] [C-ID ECE 210]

2412 M 04:00PM-05:50PM J. Hori-Garcia CDC101 4.00
MT 01:00PM-03:50PM J. Hori-Garcia CDC101

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
**ECE-12B. ADVANCED THEORY AND PRACTICUM IN ECE(G)**

**Prerequisite:** ECE-12A with a grade of "C" or better.

**Lec** 2 Hrs; **Lab** 6 Hrs

Designed for advanced ECE students to demonstrate developmentally appropriate early childhood teaching competencies under the guided supervision of ECE instructor at the college child development center or mentor site. Emphasis will be on making connection between theory and practice to promote positive development and learning for all children, ages 0 - 5 years old. Students will develop competencies in designing, implementing, and evaluating experiences for all children and families using child-centered, play-oriented approaches to teaching and learning. TB clearance must be completed before the first day of class.  

[CSU]

<table>
<thead>
<tr>
<th>SECTION</th>
<th>DAY</th>
<th>TIME</th>
<th>INSTRUCTOR</th>
<th>ROOM</th>
<th>UNITS</th>
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<tbody>
<tr>
<td>2413</td>
<td>M</td>
<td>04:00PM-05:50PM</td>
<td>J. Hori-Garcia</td>
<td>CDC101</td>
<td>4.00</td>
</tr>
<tr>
<td></td>
<td>MT</td>
<td>01:00PM-03:50PM</td>
<td>J. Hori-Garcia</td>
<td>CDC101</td>
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**ECE-19. SAFETY HEALTH AND NUTRITION IN THE CHILD CARE SETTING (G)**

**Lec** 3 Hrs

An examination of the laws, regulations, standards, policies, and procedures and early childhood curriculum in relation to child health, safety, and nutrition. Topics include key components to ensure physical health, mental health, and safety for children and staff, strategies to establish collaboration with families and health professionals, and basic safety, health, and nutrition concepts integrated in daily planning and program development for all children.

[CSU] [C-ID ECE 220]

<table>
<thead>
<tr>
<th>SECTION</th>
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<th>TIME</th>
<th>INSTRUCTOR</th>
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</thead>
<tbody>
<tr>
<td>2403</td>
<td>M</td>
<td>06:00PM-09:20PM</td>
<td>A. Zarate-McCoy</td>
<td>J108</td>
<td>3.00</td>
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**ECE-20. INFANT AND TODDLER DEVELOPMENT (G)**

**Advisory:** FCS-14

**Lec** 3 Hrs

Designed for students interested in working with infants and toddlers of diverse needs and backgrounds. Focus is on developmental stages, social/emotional development, motor milestones, gender development, temperament issues, culture, language acquisition, parenting styles, and their relationships to quality care and early education of infants and toddlers.

[CSU]

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<tr>
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<tbody>
<tr>
<td>2414</td>
<td>Th</td>
<td>06:00PM-08:50PM</td>
<td>M. Latta</td>
<td>D379</td>
<td>3.00</td>
</tr>
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</table>

**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.

**ECE-53. TEACHING IN A DIVERSE SOCIETY (G)**

**Lec** 3 Hrs

An examination of the major social, economic, and psychological factors and theories involving interactions and relationships of personal and group differences and how these factors affect young children, families, programs, teaching, education, and schooling. Various strategies and anti-bias approaches for working with diversity issues in the classroom will be explored to support all children in becoming competent members of a diverse society. The course involves self-reflection of one’s own understanding of bias, discrimination, and systemic oppression, and deeper understanding of educational principles and practices to best support all children’s social identities and program development in our culturally and linguistically diverse society.

[CSU] [C-ID ECE 230]

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**ECE-70A. SUPERVISION AND ADMINISTRATION IN ECE(G)**

**Prerequisite:** Completion of ECE-1, ECE-2, ECE-4, ECE-101, and FCS-14 with a grade of "C" or better.

**Advisory:** Eligibility for ENG-1A or equivalent.

**Lec** 3 Hrs

Designed for students interested in the philosophy and principles of early childhood education management systems in planning, organization, budgeting, program evaluations, personnel, and other operations in the context of a diverse society.

[CSU]

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**ECE-71. SUPERVISION OF ADULTS IN AN ECE SETTING(G)**

**Prerequisite:** Eligibility for ENG-1A.

**Advisory:** Must possess or be eligible for the teacher permit issued by the Commission on Teacher Credentialing. Must complete ECE core courses plus 12 ECE units.

**Lec** 2 Hrs

Designed for supervisors and administrators coordinating early childhood programs. Emphasis on methods and principles of implementing a strong staff component in a licensed program or agency. Meets the licensing requirement for teachers, site supervisors and directors. Students must present a copy of Child Development Teacher permit on the first day of school.

[CSU]

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Section 2406 meets 12 weeks, 02/01/16-05/02/16.

**ECE-101. ORIENTATION TO E.C.E. (G)**

**Lec** 1 Hr

An exploration of student needs, interests, and capabilities in relation to job expectations, job opportunities, and levels of education needed to qualify for various career levels in the fields of early childhood education (ECE).

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Section 2407 meets 6 weeks, 1/21/16-3/4/16.
ECE-200. PARENT ENRICHMENT  (P)
Lab 1 Hrs
This course serves to introduce parents to the Child Development Center as a facilitator of healthy intellectual and psychosocial development of children. Each student will become familiar with the developmental growth of the child during the early years with methods to enhance this growth.
2408 To be arranged STAFF M101 .30

ECONOMICS

ECO-1. PRINCIPLES OF MACROECONOMICS  (G)
Prerequisite: MAT-123 with a grade of "C" or better.
Advisory: Eligibility for ENG-1A
Lec 3 Hrs
Introduces national income, employment, inflation, economic growth, government economic policy, banking and the Federal Reserve System and international economics.
[C]ID ECON 202

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<tr>
<td>Section 2251 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:cesparza-luna@hartnell.edu">cesparza-luna@hartnell.edu</a> for further information.</td>
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<td>Section 2249 meets 8 weeks, 3/21/16-5/21/16, and is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:cesparza-luna@hartnell.edu">cesparza-luna@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Monday, March 21, at myetudes.org/portal and follow instructions.</td>
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<td>Section 2250 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at <a href="mailto:cesparza-luna@hartnell.edu">cesparza-luna@hartnell.edu</a> for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.</td>
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<td>T. Munoz</td>
<td>KCC211 3.00</td>
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<td>Section 6014 is offered at King City Education Center, 117 N. Second St., King City.</td>
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<td>Section 9014 meets, 3 weeks, 12/28/15-1/14/16, and is offered at Alisal Campus, 1752 E. Alisal St., Salinas.</td>
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ECO-5. PRINCIPLES OF MICROECONOMICS  (G)
Prerequisite: MAT-123 with a grade of "C" or better.
Advisory: Eligibility for ENG-1A
Lec 3 Hrs
Examines the workings of the marketplace, the economics of the consumer, the business firm, the distribution of income, and the allocation of resources.
[C]ID ECON 201

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<td>Section 2252 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at <a href="mailto:cesparza-luna@hartnell.edu">cesparza-luna@hartnell.edu</a> for further information.</td>
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ECO-10. INTRODUCTION TO ECONOMICS  (G)
Prerequisite: Eligibility for ENG-1A
Lec 3 Hrs
A broad survey of the development of economic ideas and theories in the context of economic schools of thought. Both microeconomic and macroeconomic topics are covered including scarcity, opportunity costs, supply and demand (both individual and aggregate), market structures, labor markets, the business cycle, government intervention including regulations, fiscal policy and monetary policy, and international issues such as international trade and global income distribution. Not open to students who have completed ECO-1 and ECO-5 with a "C" or better. [CSU; UC]
2247 MW 01:00PM-02:15PM M. Kimm E309 3.00

EDUCATION

EDU-1. MULTICULTURAL PERSPECTIVES OF EDUCATION  (G)
Prerequisite: ENG-1A with a grade of "C" or better.
Lec 3 Hrs
An introduction to education, this course reviews the historical, sociological, philosophical and psychological perspectives, which form the context of the American educational system. Designed to encourage prospective teachers to reflect on their decision to enter the teaching profession, particularly at the K-12 level, this course will focus on analyzing the multicultural dynamics in the historical and social structure of school and society, while providing opportunities to analyze a variety of teaching perspectives, and to gain and develop the cultural knowledge of self and others necessary to teach in a multicultural society. As such, it includes an observation or service-learning component that requires 30 hours of supervised participation at a school site and TB and LifeScan reviews as required by their school site.
[C]ID EDUC 200

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EDU-110. FOUNDATIONS OF SUCCESS (P)
Lec 2.50 Hrs; Lab 1.50 Hrs
Introduction to professional behaviors, attitudes and values that lead to academic and career success in the information economy. Topics include building self-managed teams, creating effective teams composed of individuals with different work/learning styles, identifying opportunities and threats to success, and exploring the culture of knowledge work.

9100 MTWThF 08:30AM-01:20PM H. Rocha AC-C111 3.00
9100 MTWThF 02:30PM-05:20PM S. Triano AC-C111
Section 9100 meets 2 weeks, 1/14/16-2/2/16, and is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must be enrolled in the Academy for College Excellence. For more information please contact by email at theacademy@hartnell.edu or call (831) 755-6723.
EDU-111. TEAM SELF-MANAGEMENT (G)
Prerequisite: EDU-110 with a grade of "C" or better.
Advisory: Eligibility for ENG-101 or Accuplacer Reading Comprehension score of 40+
Lec 2 Hrs
Fundamentals of project management with a self-managed team. Course explores the connections of the student's purposes, intentions, and behaviors to improve self-management skills. The student develops personal and academic objectives: time management, educational plans, heightened self-awareness, and consideration for others in a professional/academic environment.
9101 MW 03:00PM-03:50PM H. Rocha AC-C111 2.00
Section 9101 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must be enrolled in the Academy for College Excellence. For more information, please contact by email at theacademy@hartnell.edu or call (831) 755-6723.

EDU-112. SOCIAL JUSTICE RESEARCH METHODS (G)
Prerequisite: Take EDU-111, ENG-101, BUS-150 and COU-30
Corequisite: EDU-111; ENG-101; BUS-150; C
Lec 3 Hrs; Lab 1.50 Hrs
Students develop project management skills in team leadership. Topics include learning to delegate tasks and supervise project development, problem solving, data analysis, presentation and research skills in the context of a survey-based primary research project on a community issue related to social justice. Students analyze community needs and propose innovative solutions. Course includes overview and critical analysis of historical and contemporary social justice issues.
9102 TTh 09:00AM-11:05AM J. Mendez AC-C110 3.50
Section 9102 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must be enrolled in the Academy for College Excellence. For more information, please contact by email at theacademy@hartnell.edu or call (831) 755-6723.

EMERGENCY MEDICAL TECHNOLOGY

EMT-53. EMERGENCY MEDICAL TECHNICIAN (G)
Prerequisite: HES-120 or American Heart Association "BLS for the Health Care Provider" CPR card
Lec 5 Hrs; Lab 6 Hrs
The EMT course follows the state-mandated curriculum. The classroom setting and clinical rotations provide opportunities to gain proficiency in the theoretical knowledge and in the application of basic life support skills required to function as an EMT. Upon completion of course requirements, students will be issued a Course Completion Certificate that is required for EMT certification through the California Emergency Medical Services Agency.

[CSU]
4001 MW 06:00PM-10:10PM T. Villanueva B203 7.00
S 08:00AM-04:50PM T. Villanueva B203
In addition to the regularly scheduled Monday and Wednesday class meetings, section 4001 will also meet on the following Saturdays: 2/6; 2/20; 3/5; 3/19; 4/9; 4/23; and 5/7/16.

ENGINEERING

EGN-1. INTRODUCTION TO ENGINEERING TECHNOLOGIES (G/P)
Lec 2 Hrs; Lab 3 Hrs
The course explores the branches of engineering, the functions of an engineer, and the industries in which engineers work. Explains the engineering education pathways and explores effective strategies for students to reach their full academic potential. Presents an introduction to the methods and tools of engineering problem solving and design, including the interface of the engineer with society and engineering ethics. Develops communication skills pertinent to the engineering profession.
[CSU; UC]
1140 W 11:00AM-01:50PM M. Hornstein N11 3.00
ONLINE M. Hornstein INT
Section 1140 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at mhornstein@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

EGN-2. ENGINEERING GRAPHICS AND DESIGN (G/P)
Prerequisite: MAT-24 with a grade of "C" or better.
Lec 3 Hrs; Lab 3 Hrs
This course covers the principles of engineering drawings in visually communicating engineering designs and introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of the CAD software is an integral part of the course. This course will also cover the engineering design process and project management.
[CSU; UC]
7860 MW 02:00PM-04:50PM P. Entekhabi AC-C208 4.00
Section 7860 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

EGN-5. PROGRAMMING AND PROBLEM-SOLVING IN MATLAB (G)
Prerequisite: MAT-3A with a grade of "C" or better.
Lec 2 Hrs; Lab 3 Hrs
This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics and mathematics.
[CSU; UC]
1141 T 11:00AM-12:50PM M. Hornstein N7 3.00
Th 11:00AM-01:50PM M. Hornstein N8
Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
EKG-6. CIRCUIT ANALYSIS  
Prerequisite: PHY-4B with a grade of "C" or better.  
Corequisite: MAT-5  
Lec 3 Hrs; Lab 3 Hrs  
An introduction to the analysis of electrical circuits. Use of analytical techniques based on the application of circuit laws and network theorems. Analysis of DC and AC circuits containing resistors, capacitors, inductors, dependent sources, operational amplifiers, and/or switches. Natural and forced responses of first and second order RLC circuits; the use of phasors; AC power calculations; power transfer; and energy concepts. Basic use of electrical test and measurement instruments including multimeters, oscilloscopes, power supplies, and function generators. Use of circuit simulation software. Interpretation of measured and simulated data based on principles of circuit analysis for DC, transient, and sinusoidal steady-state (AC) conditions. Elementary circuit design. Practical considerations such as component value tolerance and non-ideal aspects of laboratory instruments. Construction and measurement of basic operational amplifier circuits.  
[CSU; UC]

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ENGLISH  

ENG-1A. COLLEGE COMPOSITION AND READING  
Prerequisite: A qualifying grade (C or better) in English 101 or in ESL 101 at Hartnell College or an equivalent course and grade from another college. Students can also place in English 1A through a qualifying score on the STAAR test.  
Lec 3 Hrs  
Introduction to composition with emphasis on writing of exposition, and reading of selected works from a variety of academic and cultural contexts, and writing from research. Students will write a minimum of 6,500 words in graded assignments.  
[CSU; UC; CSU-GE AREA A2, IGETC, AREA 1]  
[C-ID ENGL 100]

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ENG-1B. COLLEGE LITERATURE AND COMPOSITION  
Prerequisite: ENG-1A with a grade of "C" or better.  
Lec 3 Hrs  
And introductory literature course with an emphasis in both literary composition and critical thinking. The course provides instruction and practice in critical thinking and forming literature based arguments through the close study of the major genres of literature: poetry, fiction, drama, and the novel. Students receive instruction in analytical and argumentative writing by studying literature, criticism, and identification of sound and fallacious reasoning in assessments of literature and literary criticism. Students will write a total of 6,000 words.  
[CSU; UC; CSU-GE AREA A2, C2; IGETC, AREA 3]  
[C-ID ENGL 120]

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Section 5133 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at rmendoza@hartnell.edu for further information.
ENG-2. CRITICAL THINKING AND WRITING (G)

Prerequisite: ENG-1A with a grade of "C" or better.

Lec 3 Hrs

Students will use critical reading, thinking, and writing skills beyond the level achieved in ENG-1A to develop argumentative essays in conjunction with predominantly nonfiction prose and discussion of readings. Students will write a total of 6,000 words comprised of short essays, a research paper, and homework assignments.

[CSU; UC; CSU-GE, AREA A3, IGETC, AREA 1]

[C-ID ENGL 105]

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<tr>
<td>5103</td>
<td>Th</td>
<td>10:30AM-11:45AM</td>
<td>J. Farson</td>
<td>AC-C106</td>
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</table>
| Section 9103 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must be part of the CSIT in 3 cohort.
| 5170    | Th  | 09:30AM-10:45AM | S. Lanka    | D379  | 3.00  |
| 5131    | Th  | 06:00PM-08:50PM | A. Pirani   | D377  | 3.00  |
| 5132    | MW  | 09:00AM-09:50AM | D. Petersen | D377  | 3.00  |
| 5134    | MW  | 10:00AM-10:50AM | S. Carney-Waddy | D381 | 3.00  |
| 5135    | MW  | 08:00AM-08:50AM | D. Petersen | D377  | 3.00  |
| 5138    | Th  | 12:30PM-01:45PM | J. Farson  | D377  | 3.00  |
| 5139    | MW  | 04:00PM-05:15PM | E. Feller   | D379  | 3.00  |
| 5140    | W   | 06:00PM-08:50PM | A. Pirani   | E313  | 3.00  |
| 5143    | MW  | 12:00PM-12:50PM | S. Carney-Waddy | D381 | 3.00  |
| 5141    | MW  | 09:00AM-09:50AM | R. Mendoza-Lewis | E215 | 3.00  |

Section 5141 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at mteutsch@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at mteutsch@hartnell.edu for further information.

ENG-17. THE CONTEMPORARY SHAKESPEARE (G)

Prerequisite: Eligibility for ENG-1A

Lec 3 Hrs

An examination of Shakespeare's poetry and plays, involving close study of representative works. Focuses include the cultural context of Shakespeare's life and works, his lasting literary influence, and the interpretation of Shakespeare in performance on stage and in film adaptations.

[CSU; UC; CSU-GE; AREA C2; IGETC, AREA 3]

5172 ONLINE H. Yelland INT 3.00

Section 5172 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at hyelland@hartnell.edu for further information.

ENG-44B. WORLD LITERATURE II (G)

Prerequisite: ENG-1A with a grade of "C" or better.

Lec 3 Hrs

This course is a study of world literature from the Renaissance to the present time. Readings will include poetry and prose and the course will consider the literary, cultural, and historical significance of literature from Western and Non-Western traditions.

[CSU; UC; CSU-GE; AREA C2; IGETC, AREA 3]

[C-ID ENGL 145]

5181 ONLINE M. Teutsch INT 3.00

Section 5181 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at mteutsch@hartnell.edu for further information.

ENG-46A. SURVEY OF BRITISH LITERATURE I (G)

Prerequisite: ENG-1A with a grade of "C" or better.

Lec 3 Hrs

A survey of English literature from early works in Old English to approximately 1785. Readings will include poetry, prose, drama, and religious writing of this period, chosen for their literary, historical, and cultural significance.

[CSU; UC; CSU-GE; AREA C2; IGETC, AREA 3]

[C-ID ENGL 160]

5144 MW 01:00PM-01:50PM D. Petersen E329 3.00

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
**ENG-101. INTERMEDIATE COMPOSITION AND READING (G)**

**Prerequisite:** ENG-253 or ESL-265 with a grade of "C" or better or placement by Hartnell's assessment.  

**Lec 3 Hrs**  
Development of reading writing skills including critical analysis of texts with emphasis on sentence, paragraph, and essay elements. Students will write a minimum of 6,000 words in graded assignments.

**Section 7700 MW 11:30AM-12:45PM L. Ritscher AC-C106 3.00**  
Section 7700 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  
Section 7704 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

**Section 9104 MW 10:00AM-11:15AM L. Ritscher AC-C111 3.00**  
Section 9104 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. Students must be enrolled in the Academy for College Excellence. For more information, please contact by email at theacademy@hartnell.edu or call (831) 755-6723.

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Section 5160 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at rmendoza@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

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Section 6061 is offered at Soledad High School, 425 Gabalian Dr., Room Port. A, Soledad.

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Section 5174 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at hyelland@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

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Section 6015 is offered at King City Education Center, 117 N. Second St., King City.

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Section 6016 is offered at King City Education Center, 117 N. Second St., King City.

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Section 5146 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at hyelland@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

**ENG-253. FUNDAMENTALS OF COMPOSITION AND READING (G)**

**Lec 5 Hrs**  
Development of and reading writing skills with emphasis on elements of the sentence, paragraph, and the short essay.

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Section 6020 is offered at King City Education Center, 117 N. Second St., King City.

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Section 6021 is offered at King City Education Center, 117 N. Second St., King City.

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<td>6063 MW</td>
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Section 6063 is offered at Soledad High School, 425 Gabalian Dr., Room 404, Soledad.

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<tr>
<td>7702 MW</td>
<td>08:30AM-10:45AM M. Hooper</td>
<td>AC-C109</td>
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Section 7702 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

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Section 5173 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at mhooper@hartnell.edu for further information. Students can login for the Distance Ed portion starting Thursday, January 21, at myetudes.org/portal and follow instructions.

**ENGLISH AS A SECOND LANGUAGE**

**ESL-101. ACADEMIC WRITING AND READING II (G/P)**

**Prerequisite:** ESL-265 or ENG-253 with a grade of "C" or better or placement by Hartnell's assessment.  

**Lec 5 Hrs**  
Development of college reading and composition skills for multilingual and ESL students. Emphasis on writing essays from readings, using sources, and revising. Prepares students for ENG-1A.

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**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
### ESL-225. Grammar and Writing I (Pending) (G/P)

**Prerequisite:** Take ESL-225L

**Advisory:** Students should be literate enough in their native language to write a note to a friend or read a newspaper in their native language. They should have enough English language competency to speak and/or write understandable simple sentences despite making grammatical errors.

**Lec 5 Hrs; Lab 3 Hrs**

Course emphasizes grammar and writing for high-beginning level ESL students. Simple present and past verb tenses, question forms, parts of speech, and simple sentence writing skills are stressed. Listening and speaking will also be practiced. Course includes three weekly hours of lab. Formerly ESL 125. Not open to students who have completed ESL 125 with a grade of "C" or better.

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<td>P. Doughty</td>
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<td>J. Villicana</td>
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<tr>
<td>5233</td>
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<td>J. Tabor</td>
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<td>J. Tabor</td>
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### ESL-227B. Beginning Speaking & Listening (G/P)

**Lec 3 Hrs**

A beginning level, grammar-based speaking and listening course. Students develop listening and speaking skills in a variety of communicative activities focusing on past and future tenses, the modal "can" prepositions, and production and understanding of main points/details.

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<td>D381</td>
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### ESL-228. Reading and Vocabulary I (G/P)

**Advisory:** Students should be literate enough in their native language to write a note to a friend or read a newspaper in their native language. They should have enough English language competency to speak and write simple sentences despite making grammatical errors.

**Lec 4 Hrs**

Reviews basic literacy, introduces general and academic vocabulary, and develops basic reading comprehension skills for high-beginning level ESL students. Formerly ESL-128. Not open to students who have completed ESL-128 with a grade of "C" or better.

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### ESL-237B. Low-Intermediate Speaking & Listening (G/P)

**Lec 3 Hrs**

A low-intermediate level, grammar-based speaking and listening course. Students develop listening and speaking skills in a variety of communicative activities focusing on modals, comparative & superlative adjectives & adverbs, and note-taking strategies.

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<td>D. Harley</td>
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Section 6012 is offered at King City Education Center, 117 N. Second St., King City.

### ESL-243. Grammar, Vocabulary, and Reading 3(G)

**Prerequisite:** ESL-233 with a grade of "C" or better or placement by Hartnell's assessment.

**Lec 6 Hrs; Lab 3 Hrs**

Emphasizes grammar, vocabulary and reading comprehension skills for intermediate level ESL students. Includes three hours of lab per week.

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### ESL-252. English Pronunciation and Spelling (G)

**Lec 3 Hrs**

Focuses on English pronunciation and spelling. Includes practice of the sounds, rhythm, and intonation of spoken English. Analyzes English spelling rules and sound-to-letter relationships. Appropriate for all language levels.

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<td>5240</td>
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<td>J. DePompeo</td>
<td>E311</td>
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<td>5241</td>
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<td>P. Doughty</td>
<td>B204A</td>
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<tr>
<td>6013</td>
<td>MF</td>
<td>10:30AM-11:45AM</td>
<td>D. Harley</td>
<td>KCC109</td>
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Section 6013 is offered at King City Education Center, 117 N. Second St., King City.

### ESL-255. Grammar and Writing 4 (G/P)

**Prerequisite:** ESL-243 with a grade of "C" or better, or placement by Hartnell’s Assessment.

**Lec 5 Hrs; Lab 3 Hrs**

Emphasizes grammar and writing for high-intermediate level ESL students. Verb tenses, conditionals, complex sentences, and paragraph writing skills are stressed. Course includes three weekly hours of lab. Formerly ESL-155. Not open to students who have completed ESL-155 with a "C" or better.

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<td>5242</td>
<td>MTWThF</td>
<td>09:00AM-09:50AM</td>
<td>C. King</td>
<td>D385</td>
<td>6.00</td>
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<td>MWF</td>
<td>11:00AM-11:50AM</td>
<td>C. King</td>
<td>D385</td>
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### ESL-258. Reading and Vocabulary 4 (G)

**Lec 4 Hrs**

Develops the vocabulary and critical reading abilities of high-intermediate to low-advanced students, using contemporary and literary texts that emphasize critical reading skills. Formerly ESL-158. Not open to students who have completed ESL-158 with a grade of "C" or better.

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<tr>
<td>5244</td>
<td>TTh</td>
<td>12:00PM-01:50PM</td>
<td>J. Frye</td>
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Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu

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Page 47
ESL-265. ACADEMIC WRITING AND READING I FOR ESL (G)
Prerequisite: ESL-255 and ESL-258 with grades of "C" or better.
Lec 5 Hrs
Introduction to college reading and composition for ESL students. Emphasis on the paragraph and short essay. Includes focus on classroom participation skills. Prepares students for ESL-101. Formerly ESL 165. Not open to students who completed ESL-165 with a grade of "C" or better.
5245 MW 06:00PM-08:15PM J. Beck D379 5.00
5246 MW 11:00AM-12:50PM J. Beck E329 5.00
F 11:00AM-11:50AM J. Beck E329

ESL-410. CONVERSATION AND VOCABULARY (NC)
Lab 3 Hrs
Develops vocabulary and conversation skills for low-beginning English. It provides the tools to participate in personal and professional daily life interactions.
6049 TTh 06:00PM-08:50PM A. Arias GHS 0.00
Section 6049 meets 7 weeks, 1/25/16 - 3/12/16. Section 6049 is offered at Greenfield High School, 2025 El Camino Real, Room 601, Greenfield.

ENGLISH AS A SECOND LANGUAGE OFFERED IN THE LAB

ESL-290A. ENGLISH IN THE LAB A (P)
Lab 3 Hrs
This self-paced lab course will provide students competency-based interactive whole-language assignments using multimedia and computers under the guidance of an instructor. Grammar reinforcement activities include reading, listening, and pronunciation exercise. Topics include simple present, present continuous, future, simple past tenses, imperatives, parts of speech, possessive forms, and count/non-count nouns.
5247 To be arranged C. King D359 1.00

ESL-290B. ENGLISH IN THE LAB B (P)
Lab 3 Hrs
This self-paced lab course will provide students competency-based interactive whole-language assignments using multimedia and computers under the guidance of an instructor. Topics include past tense sequences, the past continuous tense, gerunds and infinitives, comparatives and superlatives, definite and indefinite articles, an introduction to the present perfect tense and subjunctive clauses.
5248 To be arranged C. King D359 1.00

ESL-290C. ENGLISH IN THE LAB C (P)
Lab 3 Hrs
This self-paced lab course will provide students competency-based interactive whole-language assignments using multimedia and computers under the guidance of an instructor. Grammar reinforcement activities include reading, listening, and pronunciation exercises. Topics include the past continuous tense, the present perfect and present perfect continuous tenses, modals of advice, ability, request, possibility, preference, permission and necessity, and future time clauses.
5249 To be arranged C. King D359 1.00

ESL-290D. ENGLISH IN THE LAB D (P)
Lab 3 Hrs
This self-paced lab course will provide students competency-based interactive whole-language assignments using multimedia and computers under the guidance of an instructor. Grammar reinforcement activities include reading, listening, and pronunciation exercises. Topics include the passive voice, the conditional, past perfect, reported imperatives and statements, and adjective clauses.
5250 To be arranged C. King D359 1.00

ETHNIC STUDIES

ETH-1. INTRODUCTION TO ETHNIC STUDIES (G)
Advisory: Eligibility for ENG-1A.
Lec 3 Hrs
A historical and interdisciplinary approach to the study of ethnic and racial groups in the United States. African Americans, Asian Americans, Mexican/Latino Americans, and Native American experiences are examined.
[CSU; UC; CSU-GE, AREA D3, IGETC, AREA 4]
2260 TTh 01:30PM-04:35PM F. Ponce N22 3.00
Section 2260 meets 8 weeks, 2/15/16-3/26/16.
2263 TTh 11:00AM-12:15PM H. Rocha D361 3.00
7609 MW 11:00AM-12:15PM H. Rocha AC-C107 3.00
Section 7609 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
6075 W 06:00PM-08:50PM N. Oliva KCC210A 3.00
Section 6075 is offered at King City Education Center, 117 N. Second St., King City.

Open ESL Lab Hours:
Monday & Wednesday
10:00am-11:00am
12:00pm-2:00pm
6:00pm-9:00pm
Tuesday & Thursday
8:00am-1:00pm
Friday 10:00am-11:00am
12:00pm-2:00pm
Saturday
9:00am-12:00pm
ETH-2. CHICANO LEADERSHIP (G)
Lec 3 Hrs
Multidisciplinary survey of Chicano leadership by examining theories of Chicano leadership, how historical events have affected the development of Chicano leadership to an examination of local, state, and national political leaders and organizations. Local Chicano leadership formation is also examined.
[CSU; UC; CSU-GE, AREA D3, IGETC, AREA 4]
2261 MW 02:00PM-03:15PM P. Tabera E321 3.00

ETH-4. CHICANO CULTURE (G)
Lec 3 Hrs
A multidisciplinary approach to the study of the Chicano experience and culture as expressed in everyday life. Reading and discussion focus will range from gender, race, class, Chicano values, norms, and language, to creative culture and political activism. Diversity of the Chicano experience is also examined.
[CSU; UC; CSU-GE, AREA D3, IGETC, AREA 4]
2264 TTh 12:30PM-01:45PM H. Rocha D361 3.00

ETH-6. LA CHICANA (G)
Lec 3 Hrs
A survey of La Chicana in American society as viewed through a historical and sociological perspective including a discussion of her role in Chicano culture, family, religion, education, and economics. Contemporary problems and conditions will be considered.
[CSU; UC; CSU-GE, AREA D3, D4; IGETC, AREA 4]
7608 M 06:00PM-09:05PM H. Rocha AC-C212 3.00
Section 7608 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

ETH-25. AMERICAN INDIAN LITERATURE (G)
Prerequisite: Completion of English 1A with a grade of "C" or better.
Lec 3 Hrs
Introduction to American Indian literature from the oral tradition to contemporary authors such as Momaday, Erdrich and Silko. The course focuses on literary themes and issues concerning the mythology, heritage, race, traditions, and culture of American Indians. ETH 25 is identical to ENG 25, American Indian Literature. ETH 25 is not open to students who have completed ENG 25 with a grade of "C" or better.
[CSU; UC; CSU-GE, AREA C2, D3, IGETC, AREA 3]
2267 Th 06:00PM-08:50PM N. Oliva E309 3.00
GEOGRAPHY

GEG-10. GEOGRAPHY AND WORLD AFFAIRS: A REGIONAL APPROACH Elements

Advisory: Eligibility for ENG-1A
Lec 3 Hrs
Surveys the world’s geographic regions as interpreted by geographers, including physical, cultural, and economic features. Emphasizes spatial and historical influences on population growth, transformation networks, and natural environments. Highlights environmental issues and significant features of world regions.

[CSU; UC][C-ID GEOG 125]
1190 T 01:30PM-04:20PM K. Ducote N1 3.00

GEOLOGY

GEL-2. INTRODUCTION TO GEOLOGY

Lec 3 Hrs
Introduction to phenomena and basic principles of geology emphasizing plate tectonics. Includes demonstrations illustrating the nature of minerals, rocks, landforms, volcanoes, fossils, and geological maps. Discussion of earthquake hazards, mass wasting, climate change, and importance of geology to modern society.

[CSU; UC; CSU-GE, AREA B1, B3; IGETC, AREA 5]
[C-ID GEOL 100]
1450 MWF 08:45AM-09:50AM R. Barminske Jr N22 3.00
Section 1450 meets 15 weeks, 2/1/16-5/16/16, and will not meet on 2/12/16 and 2/15/16.

GEL-6. HISTORY OF THE EARTH

Lec 3 Hrs; Lab 3 Hrs
An introduction to Earth's history and the life it supports. Subjects include geologic dating, plate tectonics, stratigraphy, fossils, biological evolution, the planet's origin and the processes that have influenced paleogeography during the past 4.6 billion years. The laboratory component includes geologic dating, plate tectonics, stratigraphy, fossils, biological evolution, the planet’s origin and the processes that have influenced paleogeography during the past 4.6 billion years. Students will supply: calculator, scale, protractor, colored pencils, 10X hand lens.

[CSU; UC; CSU-GE, AREA B1, B3; IGETC, AREA 5]
[C-ID GEOL 111]
1451 MWF 10:00AM-10:50AM R. Barminske Jr N12 4.00
1452 MWF 12:00PM-02:50PM R. Barminske Jr N8 4.00
1453 MWF 11:00AM-01:50PM R. Barminske Jr N12 4.00
1454 MWF 10:00AM-10:50AM R. Barminske Jr N8 4.00

HEALTH EDUCATION

HED-2. INDIVIDUAL HEALTH

Lec 3 Hrs
Individual health status and its relationship to community and national health problems. Emphasis is on positive health behaviors and personal responsibility. Topics include mental health, stress, drugs, alcohol, smoking, exercise, nutrition, chronic and infectious diseases, sexuality, and consumer health.

[CSU; UC; CSU-GE, AREA E]
3700 ONLINE D. Castro INT 3.00
Section 3700 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at dcastro@hartnell.edu for further information.

HED-6. MULTICULTURAL HEALTH BELIEFS

Lec 3 Hrs
Designed to help the student develop an awareness of the cultural aspects of health beliefs and the influence of culture on health beliefs and behaviors. Special attention will be given to exploring how ethnicity, culture of origin, and socio-economic status influence health and quality of life, particularly among Latinos(as), African-Americans, Asian-Americans, Native-Americans, and European-Americans in the United States.

[CSU; UC; CSU-GE, AREA E]
3702 ONLINE N. Crais INT 3.00
Section 3702 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at ncrais@hartnell.edu for further information.

HED-55. HEALTH EDUCATION ADVANCED FIRST AID

Lec 3 Hrs
Advanced fundamentals of first aid that will include theory and demonstration of adult, child and infant CPR/AED and the first aid of the injured. Bandaging, splinting, and responding to emergencies are included. Standard first aid, CPR, and AED certification will be granted upon successful completion of requirements. (There is an additional fee for the American Red Cross Professional Rescuer CPR card.)

[CSU; UC][C-ID KIN 101]
3705 MWF 10:00AM-10:50AM D. Beymer P105B 3.00

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HES-120. CPR FOR HEALTH CARE PROVIDERS  (P)
Lec 0.50 Hrs
Provides the student with knowledge required of the health care professional to perform basic life support in any setting. Upon successful completion, students will acquire Basic Life Support for Health Care Providers certification. A fee will be required for the CPR card.
4002 S 09:00AM-05:50PM D. Bonsper B204A .50
Section 4002 meets 1/23/16. A $10.00 fee is due the first day of class for CPR card. Required textbook mandatory. Section 4002 has a 1 hour lunch that will be designated by the instructor.
4003 S 09:00AM-05:50PM D. Bonsper B204A .50
Section 4003 meets 2/6/16. A $10.00 fee is due the first day of class for CPR card. Required textbook mandatory. Section 4003 has a 1 hour lunch that will be designated by the instructor.
4004 S 09:00AM-05:50PM D. Bonsper B204A .50
Section 4004 meets 3/5/16. A $10.00 fee is due the first day of class for CPR card. Required textbook mandatory. Section 4004 has a 1 hour lunch that will be designated by the instructor.
4006 S 09:00AM-05:50PM D. Bonsper B204A .50
Section 4006 meets 5/7/16. A $10.00 fee is due the first day of class for CPR card. Required textbook mandatory. Section 4006 has a 1 hour lunch that will be designated by the instructor.
4005 S 09:00AM-05:50PM D. Bonsper B204A .50
Section 4005 meets 4/9/16. A $10.00 fee is due the first day of class for CPR card. Required textbook mandatory. Section 4005 has a 1 hour lunch that will be designated by the instructor.

HIS-4B. WESTERN CIVILIZATION B  (G)
Lec 3 Hrs
A survey of Western Civilization from the 16th century and absolutism to the present with special emphasis placed on the political structures, social structures, forms of cultural expression, and patterns of change during key periods of Western history.
[CSU; UC; CSU-GE, AREA D6, IGETC AREA 3]
[C-ID HIST 180]
2034 ONLINE A. Riley INT 3.00
Section 2034 is offered as a web-based course. Students can login starting Tuesday, January 21, at myetudes.org/portal. If you have any questions, please contact the instructor via email at adejesus@hartnell.edu.

HIS-5B. WORLD HISTORY B  (G)
Lec 3 Hrs
An examination of world history from the 1500’s to the present from a global perspective. This course examines the growth of civilizations and the interrelationships of peoples of Europe, Asia, Africa and the Americas with special emphasis on social, intellectual, economic, and political history.
[CSU; UC; CSU-GE, AREA C2, D6; IGETC, AREA 3B, 4]
[C-ID HIST 160]
2049 TTh 09:30AM-10:45AM J. Finell D361 3.00

HIS-6. HISTORY OF MEXICO  (G)
Lec 3 Hrs
A survey of the history of Mexico from the Indigenous period to the present with emphasis on the political, economic, cultural, and social institutions of Mexico.
[CSU; UC; CSU-GE, AREA C2, D6; IGETC, AREA 3B, 4]
2053 TTh 09:30AM-10:45AM J. Oliverez D267 3.00

HIS-10. HISTORY OF CALIFORNIA  (G)
Lec 3 Hrs
The history of California from the Indigenous period to the present focusing on the experiences of Peoples of Color including the Indigenous People of California, Chicanos/Latinos, African Americans, Asian Americans and Pacific Islanders. Local history considered in depth.
[CSU; UC; CSU-GE, AREA D6, IGETC AREA 3]
2035 MWF 11:00AM-11:50AM S. Pacheco D361 3.00

ADVISORY FOR WEB-BASED AND HYBRID COURSES
Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
HARTNELL COLLEGE – SPRING 2016

**HIS-17A. UNITED STATES HISTORY A**  (G)  
Lec 3 Hrs  
A survey of United States history from the Indigenous period through Reconstruction, including the development of the major political, social, and economic institutions and ideals in the entire area which is now the United States, with a special emphasis on the roles of major ethnic and social groups.  
[CSU; UC; CSU-GE, AREA D6, IGETC AREA 3] [C-ID HIST 130]  
7602 TTh 09:30AM-10:45AM  S. Pacheco AC-C212 3.00  
Section 7602 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  
7603 MW 09:30AM-10:45AM  J. Grohol AC-C212 3.00  
Section 7603 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. 
2044 TTh 12:30PM-01:45PM  A. Riley D275 3.00  
2039 ONLINE  A. Riley INT 3.00  
Section 2039 is offered as a web-based course. Students can login starting Tuesday, January 21, at myetudes.org/portal. If you have any questions, please contact the instructor via email at adejesus@hartnell.edu. 
2003 ONLINE  A. Riley INT 3.00  
Section 2003 is offered as a web-based course. Students can login starting Tuesday, January 21, at myetudes.org/portal. If you have any questions, please contact the instructor via email at adejesus@hartnell.edu. 
6046 Th 06:00PM-08:50PM  F. Estrada GON 3.00  
Section 6046 is offered at Gonzales High School, 501 5th St, Room 31, Gonzales. 
2037 MWF 01:00PM-03:10PM  R. Herrera D267 3.00  
Section 2037 meets 8 weeks, 2/16-3/26/16. 
2043 M 06:00PM-09:05PM  J. Finell J208 3.00  

**HIS-17B. UNITED STATES HISTORY B**  (G/P)  
Lec 3 Hrs  
Historical survey of the United States from the end of the Civil War to the present.  
[CSU; UC; CSU-GE, AREA D6, IGETC AREA 3] [C-ID HIST 140]  
6024 T 06:00PM-08:50PM  M. Hambly KCC209 3.00  
Section 6024 is offered at King City Education Center, 117 N. Second St., King City. 
2045 ONLINE  A. Riley INT 3.00  
Section 2045 is offered as a web-based course. Students can login starting Tuesday, January 21, at myetudes.org/portal. If you have any questions, please contact the instructor via email at adejesus@hartnell.edu. 
2046 MWF 01:00PM-03:10PM  R. Herrera D267 3.00  
Section 2046 meets 8 weeks, 4/4/16-5/23/16. 
2047 W 06:00PM-08:50PM  V. Robison E309 3.00  
2048 TTh 08:00AM-09:15AM  J. Finell D361 3.00  
7604 TTh 11:00AM-12:15PM  S. Pacheco AC-C212 3.00  
Section 7604 is offered at Alisal Campus, 1752 E. Alisal St., Salinas. 
2041 ONLINE  S. Pacheco INT 3.00  
Section 2041 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at spacheco@hartnell.edu for further information. 

**HIS-40. HISTORY OF WOMEN IN THE U.S.**  (G)  
Lec 3 Hrs  
A survey of women in American history from the Indigenous period to the present in the entire area which is now the United States with special emphasis on the roles of women in the major ethnic and social groups.  
[UC; CSU; CSU-GE, AREA C2; IGETC, AREA 3 & 4]  
2038 MWF 12:00PM-12:50PM  J. Grohol E309 3.00  

**HIS-46B. RACE AND ETHNICITY IN AMERICAN HISTORY B**  (G)  
Lec 3 Hrs  
A survey of the historical, political, social economic and cultural experiences of African Americans, Chicanos/Latinos, Asian Americans, Pacific Islanders, and Native Americans in the United States form Reconstruction to the present.  
[CSU; UC; CSU-GE, AREA D3, D6; IGETC, AREA 4]  
2042 MWF 12:00PM-12:50PM  S. Pacheco D361 3.00  

**HIS-47. RELIGIONS OF THE WORLD**  (G)  
Lec 3 Hrs  
A survey of the world’s major religions with emphasis on the origins, historical developments and basic teachings of Indigenous religious beliefs, Hinduism, Buddhism, Confucianism, Judaism, Christianity and Islam and their political, social and economic impact on the world.  
[CSU; UC; CSU-GE, AREA C2, D6; IGETC AREA 3]  
2040 TTh 02:00PM-03:15PM  S. Pacheco D267 3.00  

**HIS-49B. CHICANO HISTORY B**  (G)  
Lec 3 Hrs  
A survey of Chicano history and culture from 1848 to the present emphasizing the social, cultural, political, and economic roles of Chicanos in the United States.  
[CSU; UC; CSU-GE, AREA D6, IGETC AREA 3]  
2052 TTh 08:00AM-09:15AM  J. Oliverez D275 3.00  

**INSTRUCTIONAL AIDE**  

**INS-250. TUTOR TRAINING**  (P)  
Lec 1 Hr  
Provides an introduction to the theories and methods of effective tutoring, including interviewing, identification of learning problems, the study and development of effective communication techniques, and the use of learning theories and methods of effective individualized and group instruction. Opportunities will be provided for evaluation of and experience in tutoring situations. The course is offered on an open entry/open exit basis; it is designed to introduce students to tutoring and supplemental instruction best practices in one-half unit modules. Students will consult with an instructor regarding the scheduling of their hours. Students may enroll in this course again if needed to complete both content areas. 
5446  To be arranged  F. Henderson A214 .50  

**INS-301. SUPERVISED TUTORING**  (G)  
Lab 0 Hrs  
Provides tutoring support services and offers opportunities for study skills assessment and development, individual and group instruction under peer tutors, and other assistance to help students fulfill their course requirements for a variety of college courses. Counselor or instructor referral required. 
5447  To be arranged  F. Henderson A214 .00  
5448  To be arranged  C. O’Donnell E211 .00  
5449  To be arranged  C. King D359 .00
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<td>LAW-41. STREET LAW</td>
<td>Lec 3</td>
<td>3 Hrs</td>
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<td>LSR-126. LEARNING STRATEGIES</td>
<td>Lec</td>
<td>1.50 Hrs</td>
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<td>LIB-2. INTRODUCTION TO THE ACADEMIC LIBRARY AND INFORMATION COMPETENCY</td>
<td>Lab</td>
<td>3 Hrs</td>
<td>(G/P)</td>
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<td>LIB-5. INFORMATION COMPETENCY IN THE SCIENCES AND APPLIED TECHNOLOGY</td>
<td>Lec</td>
<td>1 Hr</td>
<td>(G/P)</td>
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<tr>
<td>MAT-2. CALCULUS FOR MANAGERIAL, LIFE, AND SOCIAL SCIENCES</td>
<td>Lec</td>
<td>4 Hrs</td>
<td>(G)</td>
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<td>MAT-3A. ANALYTIC GEOMETRY AND CALCULUS I</td>
<td>Lec</td>
<td>4 Hrs</td>
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<tr>
<td>MAT-3B. ANALYTIC GEOMETRY AND CALCULUS II</td>
<td>Lec</td>
<td>4 Hrs</td>
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**LIBRARY INSTRUCTION**

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<tr>
<td>LSR-126. LEARNING STRATEGIES</td>
<td>Lec</td>
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<td>LIB-2. INTRODUCTION TO THE ACADEMIC LIBRARY AND INFORMATION COMPETENCY</td>
<td>Lab</td>
<td>3 Hrs</td>
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<td>LIB-5. INFORMATION COMPETENCY IN THE SCIENCES AND APPLIED TECHNOLOGY</td>
<td>Lec</td>
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<td>MAT-2. CALCULUS FOR MANAGERIAL, LIFE, AND SOCIAL SCIENCES</td>
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<td>4 Hrs</td>
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<tr>
<td>MAT-3A. ANALYTIC GEOMETRY AND CALCULUS I</td>
<td>Lec</td>
<td>4 Hrs</td>
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<tr>
<td>MAT-3B. ANALYTIC GEOMETRY AND CALCULUS II</td>
<td>Lec</td>
<td>4 Hrs</td>
<td>(G)</td>
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**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
MAT-3C. ANALYTIC GEOMETRY AND CALCULUS III (G)
Prerequisite: MAT-3B with a grade of "C" or better.
Lec 4 Hrs
The third course in a three-course series. A study of functions of several variables, vectors, surfaces, vector-valued functions, partial differentiation, multiple integrals, and topics in vector calculus.
[CSU; UC; CSU-GE, AREA B4; IGETC, AREA 2]
[C-ID MATH 230]
1207 MWF 12:00PM-01:05PM N. Pasquale E315 4.00
1208 TTh 05:30PM-07:20PM M. Yahdi E315 4.00

MAT-4. LINEAR ALGEBRA (G)
Prerequisite: MAT-3B with a grade of "C" or better.
Advisory: MAT-3C Analytic Geometry and Calculus III
Lec 3 Hrs
A study of matrices, linear systems of equations, determinants, vector spaces, subspaces, linear independence, linear transformations, eigenvalues and eigenvectors.
[CSU; UC; CSU-GE, AREA B4; IGETC, AREA 2]
[C-ID MATH 240]
1210 MW 12:00PM-01:15PM STAFF E317 3.00

MAT-5. DIFFERENTIAL EQUATIONS (G)
Prerequisite: MAT-3C with a grade of "C" or better.
Lec 3 Hrs
Differential equations of the first, second, and higher order, simultaneous, linear, homogeneous equations; solutions by power series, numerical methods, Fourier series, Laplace transforms; applications.
[CSU; UC; CSU-GE, AREA B4; IGETC, AREA 2]
[C-ID MATH 250]
1211 MWF 11:00AM-11:50AM M. Hussain E317 3.00

MAT-10. MATH FOR LIBERAL ARTS (G)
Prerequisite: MAT-123 with a grade of "C" or better or placement by Hartnell's assessment.
Lec 3 Hrs
An overview of fundamental concepts of modern mathematics for liberal arts students. Introduces non-science majors to a variety of mathematical ideas, methods, and historical trends. Core topics are logic, set theory, numeration systems, number systems, number theory, axiomatic theories and models, and methods of proof. Additional topics may include: history of mathematics, geometry, counting techniques, probability and statistics, and calculus concepts.
[CSU; UC; CSU-GE AREA B4; IGETC, AREA 2]
1212 TTh 12:00PM-01:15PM STAFF E315 3.00

MAT-13. ELEMENTARY STATISTICS (G)
Prerequisite: MAT-123 with a grade of "C" or better or placement by Hartnell's assessment.
Advisory: Access to a graphic calculator similar to Ti-84 made by Texas Instrument.
Lec 5 Hrs
A study of the measures of central tendency, dispersion and position, graphic presentation, sampling, frequency distributions, discrete and continuous probability distributions, expected values, sampling distribution, Central Limit Theorem, sample variability, statistical inferences, confidence intervals, hypothesis testing, t-tests, Chi-Square tests, analysis of variance (ANOVA), linear correlation and regression analysis, decision making using predictive models, and non-parametric tests. This course is primarily for students in business, social sciences, biological sciences, education and humanities. Use of technology, including graphing calculators or computers will be extensively integrated as a tool in the description and analysis of data.
[CSU; UC; CSU-GE, AREA B4; IGETC, AREA 2]
[C-ID MATH 110]
1213 MTWThF 08:00AM-08:50AM S. Vazquez D279 5.00
1214 MTWThF 09:00AM-09:50AM S. Vazquez D279 5.00
1215 MTWThF 10:00AM-10:50AM C. Moss D279 5.00
1216 MTWThF 11:00AM-11:50AM C. Moss D279 5.00
1217 MTWThF 01:30PM-02:20PM G. Perkins D279 5.00
1218 MTWThF 02:30PM-03:20PM G. Perkins D279 5.00
1220 MW 03:00PM-05:15PM M. Yahdi D261 5.00
1221 TTh 07:30PM-09:45PM M. Yahdi E315 5.00
1222 MW 05:30PM-07:45PM M. Yahdi E317 5.00
7870 TTh 01:00PM-03:15PM STAFF AC-C109 5.00
Section 7870 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
1280 ONLINE G. Perkins INT 5.00
Section 1280 is offered as a web-based course. Students can login starting Thursday, January 21, at mytudes.org/portal and follow instructions. Contact instructor via email at @hartnell.edu for further information.
6064 MW 08:00PM-08:15PM Y. Chu SOHS 5.00
Section 6064 is offered at Soledad High School, 425 Gabilan Dr., Room 402, Soledad.

MAT-16. FINITE MATHEMATICS (G)
Prerequisite: MAT-123 with a grade of "C" or better or placement by Hartnell's assessment.
Lec 3 Hrs
A study of sets and logic including Venn Diagrams, probability, counting techniques including combinations and permutations, linear programming, mathematics of finance, linear functions, systems of linear equations and inequalities, and matrices with applications to business, economics, social sciences, and computer science. This course is primarily for students in business, social science, and computer science.
[CSU; UC; CSU-GE, AREA B4; IGETC, AREA 2]
[C-ID MATH 130]
1223 MWF 10:00AM-10:50AM STAFF E315 3.00
MAT-24. TRIGONOMETRY  (G)
Prerequisite: MAT-123 or MAT-123L4 with a grade of "C" or better or placement by Hartnell's assessment.
Advisory: MAT-122: Plane Geometry or students should be familiar with high school level Geometry.
Lec 3 Hrs
Trigonometric functions, inverse trigonometric functions and their graphs, solutions to right and oblique triangles, identities and conditional trigonometric equations, analytic trigonometry, introduction to vectors, and complex numbers. This course, along with MAT-25, is designed to prepare students for Calculus.

[CSU; CSU-GE AREA B4]
1225 TTh 12:00PM-01:15PM STAFF D277 3.00
1226 TTh 05:30PM-06:45PM S. Rayappan E317 3.00
6030 MW 01:00PM-02:15PM K. Locke KCC211 3.00
Section 6030 is offered at King City Education Center, 117 N. Second St., King City.
1227 MTTh 01:30PM-02:35PM N. Pasquale E317 3.00
Section 1227 meets 8 weeks, 4/14-5/28/16.

MAT-25. PRE-CALCULUS  (G)
Prerequisite: MAT-123 or MAT-123L4 with a grade of "C" or better or placement by Hartnell's assessment.
Lec 4 Hrs
A study of polynomial functions, rational functions, exponential functions and logarithmic functions, graphing techniques, systems of equations, matrices, determinants, parametric equations. This course is designed to prepare students for Calculus I.

[CSU; UC; CSU-GE, AREA B4; IGETC AREA 2]
1231 MTWTh 01:30PM-03:35PM N. Pasquale E317 4.00
Section 1231 meets 8 weeks, 2/1/16-3/26/16.
1228 MW 05:30PM-07:20PM S. Rayappan E315 4.00
1229 MTWTh 07:00AM-08:50AM STAFF D261 4.00

MAT-121. ELEMENTARY ALGEBRA  (G)
Prerequisite: MAT-201 or MAT-201L or BUS-151, with a grade of "C" or better or placement by Hartnell's assessment.
Lec 5 Hrs
Topics include operations with real numbers, simplifying expressions, solving equations, linear graphing techniques, linear equations and inequalities (both one and two variables), polynomials, factoring, rational expressions, exponents, radicals, and applications. Not open to students who have completed, with a grade of "C" or better, Math 121L2.

1232 MTWThF 09:00AM-09:50AM J. Perez Jr. D261 5.00
1233 MTWThF 10:00AM-10:50AM J. Perez Jr. D261 5.00
1234 MTWThF 11:00AM-11:50AM S. Vazquez D261 5.00
1236 MTWThF 01:30PM-02:20PM S. Rayappan D277 5.00
1237 MTWThF 02:30PM-03:20PM S. Rayappan D277 5.00
1238 TTh 03:30PM-04:25PM M. Weber D277 5.00
1239 MW 03:30PM-05:45PM M. Weber D277 5.00
1240 MW 07:30PM-09:45PM J. Butler Jr D261 5.00
6027 TTh 03:30PM-05:45PM I. Benton KCC108A 5.00
Section 6027 is offered at King City Education Center, 117 N. Second St., King City.
7871 MW 10:00AM-12:15PM STAFF AC-C108 5.00
Section 7871 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
7877 TTh 10:00AM-12:15PM STAFF AC-C108 5.00
Section 7877 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
6065 TTh 06:00PM-08:15PM STAFF SOHS 5.00
Section 6065 is offered at Soledad High School, 425 Gabilian Dr., Room 1005, Soledad.

MAT-123. INTERMEDIATE ALGEBRA  (G)
Prerequisite: MAT-121 or MAT-121L4 with a grade of "C" or better or placement by Hartnell's assessment.
Lec 5 Hrs
Review of elementary algebra plus more advanced problems of factoring, rational expressions, linear and quadratic equations, functions and graphs, systems of equations and inequalities, exponents, radicals, exponential and logarithmic functions, conic sections, sequences, series and applications related to all the functions of intermediate algebra. Not open to students who have completed MAT 123L2, or its equivalent, with a grade of C or better.

1241 MTWThF 08:00AM-09:50AM J. Perez Jr. D261 5.00
1242 MTWThF 09:00AM-09:50AM J. Perez Jr. D261 5.00
1244 MTWThF 09:00AM-09:50AM J. Riley D277 5.00
1247 MTWThF 11:00AM-11:50AM J. Riley D261 5.00
1248 MTWThF 12:00PM-12:50PM C. Moss D261 5.00
1249 MTWThF 01:00PM-01:50PM J. Riley D261 5.00
1250 MTWThF 02:00PM-02:50PM STAFF D261 5.00
1251 MW 03:30PM-04:55PM M. Hussain D279 5.00
1252 TTh 03:30PM-04:55PM K. Lock D261 5.00
1253 TTh 06:00PM-08:15PM M. Weber D279 5.00
1254 TTh 07:30PM-09:45PM J. Butler Jr D261 5.00
1255 MW 07:30PM-09:45PM M. Hussain E315 5.00
7873 TTh 06:00PM-08:15PM STAFF AC-C111 5.00
Section 7873 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
1278 ONLINE L. Contreras INT 5.00
Section 1278 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org portal and follow instructions. Contact instructor via email at @hartnell.edu for further information.
6028 MW 09:00AM-11:15AM K. Locke KCC211 5.00
Section 6028 is offered at King City Education Center, 117 N. Second St., King City.
6029 MW 06:00PM-08:15PM I. Benton KCC211 5.00
Section 6029 is offered at King City Education Center, 117 N. Second St., King City.

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
The arithmetic of signed numbers, fractions, one-step and two-step equations, decimals, ratio and proportion problems, percent problems, and unit conversions. This course is designed for those students who do not meet the entrance requirements for Math 121 Elementary Algebra. Not open to students who have completed MAT-121 with a grade of "C" or better.

MAT-121L1. ELEMENTARY ALGEBRA LEVEL 1 (G)
Prerequisite: Math-121L1 with a grade of "C" or better.
Lab 3.75 Hrs
The first course in a four-course sequence that is equivalent to MAT 121. A study of the arithmetic of real numbers, algebraic expressions and equations, and their applications. Not open to students who have completed MAT-121 with a grade of "C" or better.

The following sections meet 8 weeks, 1/21/16-3/12/16:
1300 S 09:00AM-11:50AM STAFF E219 1.30
1320 MW 01:00PM-02:50PM STAFF E219 1.30
1340 TTh 09:00AM-10:50AM STAFF E219 1.30
1350 TTh 06:00PM-07:50PM STAFF E219 1.30
7820 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7820 meets 8 weeks, 1/21-3/12/16, and is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

The following sections meet 8 weeks, 3/21/16-5/21/16:
1360 S 09:00AM-11:50AM STAFF E219 1.30
1440 MW 01:00PM-02:50PM STAFF E219 1.30
1400 TTh 09:00AM-10:50AM STAFF E219 1.30
1410 TTh 06:00PM-07:50PM STAFF E219 1.30
7840 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7840 meets 8 weeks, 3/21-5/21/16, and is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-121L2. ELEMENTARY ALGEBRA LEVEL 2 (G)
Prerequisite: Math-121L1 with a grade of "C" or better.
Lab 3.75 Hrs
The second course in a four-course sequence that is equivalent to MAT 121. A study of linear equations and inequalities in one variable, linear equations in two variables, and applications. Not open to students who have completed MAT-121 with a grade of "C" or better.

The following sections meet 8 weeks, 1/21/16-3/12/16:
1301 S 09:00AM-11:50AM STAFF E219 1.30
1321 MW 01:00PM-02:50PM STAFF E219 1.30
1341 TTh 09:00AM-10:50AM STAFF E219 1.30
1351 TTh 06:00PM-07:50PM STAFF E219 1.30
7821 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7821 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

The following sections meet 8 weeks, 3/21/16-5/21/16:
1361 S 09:00AM-11:50AM STAFF E219 1.30
1441 MW 01:00PM-02:50PM STAFF E219 1.30
1401 TTh 09:00AM-10:50AM STAFF E219 1.30
1411 TTh 06:00PM-07:50PM STAFF E219 1.30
7841 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7841 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

Each of the L-Series classes is 8 weeks long, so you can take two classes in one semester. These sections are hybrid classes, which means some of the work is done online, outside of regular class meetings.

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MAT-121L3. ELEMENTARY ALGEBRA LEVEL 3  (G)
Prerequisite: MAT-121L2 with a grade of "C" or better.
Lab 3.75 Hrs
The third course in a four-course sequence that is equivalent to MAT 121. A study of exponents, polynomials, factoring, and applications. Not open to students who have completed MAT-121 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1302 S 09:00AM-11:50AM STAFF E219 1.30
1322 MW 01:00PM-02:50PM STAFF E219 1.30
1342 TTh 09:00AM-10:50AM STAFF E219 1.30
1352 TTh 06:00PM-07:50PM STAFF E219 1.30
7822 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7822 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1362 S 09:00AM-11:50AM STAFF E219 1.30
1442 MW 01:00PM-02:50PM STAFF E219 1.30
1402 TTh 09:00AM-10:50AM STAFF E219 1.30
1412 TTh 06:00PM-07:50PM STAFF E219 1.30
7842 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7842 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-121L4. ELEMENTARY ALGEBRA LEVEL 4  (G)
Prerequisite: MAT-121L3 with a grade of "C" or better.
Lab 3.75 Hrs
The fourth course in a four-course sequence that is equivalent to MAT 121. A study of rational expressions, roots and radicals, and applications. The final examination covers the content from all levels (121L1-121L4). Not open to students who have completed MAT-121 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1302 S 09:00AM-11:50AM STAFF E219 1.30
1323 MW 01:00PM-02:50PM STAFF E219 1.30
1343 TTh 09:00AM-10:50AM STAFF E219 1.30
1353 TTh 06:00PM-07:50PM STAFF E219 1.30
7823 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7823 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1363 S 09:00AM-11:50AM STAFF E219 1.30
1443 MW 01:00PM-02:50PM STAFF E219 1.30
1413 TTh 06:00PM-07:50PM STAFF E219 1.30
1403 TTh 09:00AM-10:50AM STAFF E219 1.30
7843 TTh 01:00PM-02:50PM STAFF AC-C110 1.30
Section 7843 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-123L1. INTERMEDIATE ALGEBRA LEVEL 1  (G)
Prerequisite: MAT-121 with a grade of "C" or better or MAT-121L4 with a grade of "C" or better
Lab 3 Hrs
The first course in a four-course sequence that is equivalent to MAT 123. Review of elementary algebra plus more advanced topics in graphing, systems of equations and inequalities, and applications. Not open to students who have completed Math 123 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1304 S 09:00AM-11:50AM STAFF E219 1.00
1324 MW 01:00PM-02:50PM STAFF E219 1.00
1344 TTh 09:00AM-10:50AM STAFF E219 1.00
1354 TTh 06:00PM-07:50PM STAFF E219 1.00
7824 TTh 01:00PM-02:50PM STAFF AC-C110 1.00
Section 7824 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1364 S 09:00AM-11:50AM STAFF E219 1.00
1404 TTh 09:00AM-10:50AM STAFF E219 1.00
1414 TTh 06:00PM-07:50PM STAFF E219 1.00
1444 MW 01:00PM-02:50PM STAFF E219 1.00
7844 TTh 01:00PM-02:50PM STAFF AC-C110 1.00
Section 7844 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-123L2. INTERMEDIATE ALGEBRA LEVEL 2  (G)
Prerequisite: MAT-123L1 with a grade of "C" or better
Lab 3 Hrs
The second course in a four-course sequence that is equivalent to MAT 123. A study of relations and functions, variation, polynomials and factoring, and solving equations by factoring. Not open to students who have completed Math 123 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1305 S 09:00AM-11:50AM STAFF E219 1.00
1325 MW 01:00PM-02:50PM STAFF E219 1.00
1355 TTh 06:00PM-07:50PM STAFF E219 1.00
1345 TTh 09:00AM-10:50AM STAFF E219 1.00
7825 TTh 01:00PM-02:50PM STAFF AC-C110 1.00
Section 7825 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1365 S 09:00AM-10:50AM STAFF E219 1.00
1445 MW 01:00PM-02:50PM STAFF E219 1.00
1415 TTh 06:00PM-07:50PM STAFF E219 1.00
1405 TTh 09:00AM-10:50AM STAFF E219 1.00
7845 TTh 01:00PM-02:50PM STAFF AC-C110 1.00
Section 7845 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

Each of the L-Series classes is 8 weeks long, so you can take two classes in one semester. These sections are hybrid classes, which means some of the work is done online, outside of regular class meetings.
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Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
MAT-123L3. INTERMEDIATE ALGEBRA LEVEL 3 (G)
Prerequisite: MAT-123L2 with a grade of "C" or better.
Lab 4.50 Hrs
The third course in a four-course sequence that is equivalent to MAT 123. Study of rational expressions and equations, radicals and radical equations, rational exponents, complex numbers, quadratic equations in one and two variables, and applications. Not open to students who have completed Math 123 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1306 S  09:00AM-11:50AM  STAFF  E219  1.50
1326 MW  01:00PM-02:50PM  STAFF  E219  1.50
1346 TTh  09:00AM-10:50AM  STAFF  E219  1.50
1356 TTh  06:00PM-07:50PM  STAFF  E219  1.50
7826 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.50
Section 7826 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1366 S  09:00AM-11:50AM  STAFF  E219  1.50
1446 MW  01:00PM-02:50PM  STAFF  E219  1.50
1406 TTh  09:00AM-10:50AM  STAFF  E219  1.50
1416 TTh  06:00PM-07:50PM  STAFF  E219  1.50
7846 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.50
Section 7846 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-123L4. INTERMEDIATE ALGEBRA LEVEL 4 (G)
Prerequisite: MAT-123L3 with a grade of "C" or better.
Lab 4.50 Hrs
The last course in a four-course sequence that is equivalent to MAT 123. Study of exponential and logarithmic functions, conic sections, nonlinear systems of equations and inequalities, sequences, series, and applications. Final examination will include topics from all levels (L1-L4) of the course. Not open to students who have completed Math 123 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1307 S  09:00AM-11:50AM  STAFF  E219  1.50
1327 MW  01:00PM-02:50PM  STAFF  E219  1.50
1347 TTh  09:00AM-10:50AM  STAFF  E219  1.50
1357 TTh  06:00PM-07:50PM  STAFF  E219  1.50
7827 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.50
Section 7827 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1367 S  09:00AM-11:50AM  STAFF  E219  1.50
1447 MW  01:00PM-02:50PM  STAFF  E219  1.50
1407 TTh  09:00AM-10:50AM  STAFF  E219  1.50
1417 TTh  06:00PM-07:50PM  STAFF  E219  1.50
7847 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.50
Section 7847 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-200L. ARITHMETIC OF WHOLE NUMBERS (G)
Lab 3 Hrs
Designed for students who need review of, and practice with, basic arithmetic operations. The topics include addition, subtraction, multiplication, division, prime factors, common multiples, exponents for whole numbers, and the order of operations. Not open to students who have completed MAT-200 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1308 S  09:00AM-11:50AM  STAFF  E219  1.00
1330 MW  09:00AM-10:50AM  STAFF  E219  1.00
1335 MW  06:00PM-07:50PM  STAFF  E219  1.00
1370 TTh  01:00PM-02:50PM  STAFF  E219  1.00
7830 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.00
Section 7830 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1380 S  09:00AM-11:50AM  STAFF  E219  1.00
1425 MW  09:00AM-10:50AM  STAFF  E219  1.00
1430 MW  06:00PM-07:50PM  STAFF  E219  1.00
1420 TTh  01:00PM-02:50PM  STAFF  E219  1.00
7848 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.00
Section 7848 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-201L1. PRE-ALGEBRA LEVEL I (G)
Lab 3 Hrs
This course is designed for students who do not meet the entrance requirements for MAT 121. Not open to students who have completed MAT 201, MAT 201L2, or MAT 201L3 with a grade of "C" or better.
The first course in a three-course sequence that's equivalent to MAT 201. The arithmetic of integers, the arithmetic of fractions, subtraction, multiplication, division, prime factors, common multiples, exponents for whole numbers, and the order of operations. Not open to students who have completed MAT-201 with a grade of "C" or better.
The following sections meet 8 weeks, 1/21/16-3/12/16:
1309 S  09:00AM-11:50AM  STAFF  E219  1.00
1331 MW  09:00AM-10:50AM  STAFF  E219  1.00
1336 MW  06:00PM-07:50PM  STAFF  E219  1.00
1371 TTh  01:00PM-02:50PM  STAFF  E219  1.00
7831 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.00
Section 7831 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
The following sections meet 8 weeks, 3/21/16-5/21/16:
1381 S  09:00AM-11:50AM  STAFF  E219  1.00
1426 MW  09:00AM-10:50AM  STAFF  E219  1.00
1431 MW  06:00PM-07:50PM  STAFF  E219  1.00
1421 TTh  01:00PM-02:50PM  STAFF  E219  1.00
7849 TTh  01:00PM-02:50PM  STAFF  AC-C110  1.00
Section 7849 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
MAT-201L2. PRE-ALGEBRA LEVEL 2 (G)
Prerequisite: Completion of Math 201L with a grade of C or better.
Lab 3 Hrs

The second course in a three-course sequence that is equivalent to MAT 201. The solution of one-step and two-step equations, and the arithmetic of decimals. This course is designed for those students who do not meet the entrance requirements for Math 121. Not open to students who have completed MAT 201.

The following sections meet 8 weeks, 1/21/16-3/12/16:

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Section 7832 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

The following sections meet 8 weeks, 3/21/16-5/21/16:

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Section 7850 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MAT-201L3. PRE-ALGEBRA LEVEL 3 (G)
Prerequisite: Completion of Math 201L2 with a grade of C or better.
Lab 3 Hrs

The third course in a three-course sequence that is equivalent to MAT 201. The arithmetic of ratio and proportion problems, percent problems, and unit conversions. This course is designed for those students who do not meet the entrance requirements for MAT 121. Not open to students who have completed MAT 201.

The following sections meet 8 weeks, 1/21/16-3/12/16:

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Section 7833 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

The following sections meet 8 weeks, 3/21/16-5/21/16:

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Section 7851 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

MUS-1A. MUSIC APPRECIATION-HISTORICAL PERSPECTIVE (G)
Lec 3 Hrs
A survey of Western music from the 6th century C.E. until the present, covering the important style periods along with the composers who created them and the resources they used.

[MUS] [C-ID MUS 100]

2347 MWF 08:00AM-08:50AM J. Koza K125 3.00
6032 T 06:00PM-08:50PM S. Ettinger KCC108A 3.00

Section 6032 is offered at King City Education Center, 117 N. Second St., King City.

MUS-2. MUSIC FUNDAMENTALS (G)
Lec 3 Hrs
An introduction to the notation and primary elements of tonal music. Incorporates the following concepts: staff notation in treble and bass clefs, rhythm and meter; basic properties of sound; intervals; diatonic and chromatic scales; and diatonic chords. Development of skills in handwritten notation and aural identification of musical phenomena is expected.

[MUS] [C-ID MUS 100]

2330 MW 11:00AM-12:15PM G. Vinokurov K118 3.00

MUS-5. ETHNIC MUSICS IN THE UNITED STATES (G)
Lec 3 Hrs
Introduction to selected ethnic musics that flourish in the United States including: Hispanic/Latino, Chicano/Mexican-American, Black African-American, Native American, Asian-American, Pacific Islander, and European traditions. The course focuses on the relation of musical genres and movements to the history of the United States and to the society and culture of the country.

[MUS] [C-ID MUS 100]

2331 MW 01:30PM-02:45PM B. Bang K146 3.00
2332 MW 12:00PM-01:15PM B. Bang K146 3.00
2333 TTh 09:30AM-10:45AM W. Faulkner K125 3.00
2334 TTh 11:00AM-12:15PM P. Collins K125 3.00
6067 W 06:00PM-08:00PM P. Collins SOHS 3.00

Section 6067 is offered at Soledad High School, 425 Gabilan Dr., Room 301, Soledad.

MUS-6. HAWAIIAN MUSIC (G)
Lec 3 Hrs
Music of Hawaii from ancient to modern times. Covers chants and chanting styles, hula kahiko and auwana, and contemporary music. Incorporates elements of Hawaiian language, culture and dance (hula). Includes the impact of foreigners on Hawaiian music and culture, and Hawaii's impact on the musical world. Musical instruments are covered in depth, plus their impact on other music.

[MUS] [C-ID MUS 100]

2336 W 06:00PM-08:50PM W. Faulkner K125 3.00
MUS-7. JAZZ APPRECIATION  (G)
Lec 3 Hrs
A survey of the history of vocal and instrumental jazz music from the late 1800's to the present covering the important jazz styles along with the artists who created them and the cultural, social, political, and economic factors which influenced the art form. The influence of such social themes as slavery, racial segregation, the civil rights movement, and immigration on jazz will be studied.
[CSU; UC; CSU-GE, AREA C1; IGETC, AREA 3]
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<td>2338</td>
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<td>A. Olsen</td>
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MUS-8. AMERICAN POPULAR MUSIC  (G)
Lec 3 Hrs
A historical survey of American popular music, tracing their development from roots in blues, jazz, gospel, and country music to the music of today including (but not limited to) top 40, rap, reggae, world music, heavy metal, soul and all types of rock. This course is intended to help you think creatively and critically about popular music. Themes explored will include: (1) the interaction of European American, African American, and Latin American traditions, (2) the role of popular music as an expression of racial and gender identity, and (3) the influences of mass media on popular culture.
[CSU; UC; CSU-GE, AREA C1; IGETC, AREA 3]
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MUS-10. APPLIED MUSIC - VOICE  (G)
Lec 1 Hr; Lab 2 Hrs
Class instruction in the art of singing. Topics include physical and mental poise, breathing, use of the organs of articulation, vowels, tone production, and vocal literature.
[CSU; UC]
<table>
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MUS-11. APPLIED MUSIC - INSTRUMENTAL  (G)
Prerequisite: Must be enrolled in one of the following courses MUS-13A, 13B, 14, 15, 17A, 17B, 17C, 17D, 24, 26, 29.1, 29.2, 29.3, 29.4, 29.5, 34.1, 34.2, 34.3, 34.4, 34.5
Lab 1.50 Hrs
This course provides opportunities for students to get feedback about their performance on a musical instrument in a supportive environment. Students are required to practice at least two hours per week.
[CSU; UC][C-ID MUS 160]
<table>
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MUS-13A. BEGINNING PIANO I  (G)
Advisory: MUS-2
Lec 1 Hr; Lab 2 Hrs
Beginning piano study including introduction to the keyboard and music reading. Piano classes may be repeated at the appropriate level, but total piano enrollments are limited to four.
[CSU; UC]
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<td>G. Vinokurov</td>
<td>K118</td>
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MUS-13B. BEGINNING PIANO II  (G)
Prerequisite: MUS-13A with a grade of "C" or better.
Advisory: MUS-2
Lec 1 Hr; Lab 2 Hrs
Continuation of beginning piano study. Piano classes may be repeated at the appropriate level, but total piano enrollments are limited to four.
[CSU; UC]
<table>
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MUS-14. INTERMEDIATE PIANO  (G)
Prerequisite: MUS-13B with a grade of "C" or better.
Corequisite: MUS-19
Lec 1 Hr; Lab 2 Hrs
Intermediate piano study covering the fundamentals of technique, style and interpretation. Solo and ensemble performance from standard piano literature. Piano classes may be repeated at the appropriate level, but total piano enrollments are limited to four.
[CSU; UC]
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MUS-15. ADVANCED PIANO  (G)
Prerequisite: MUS-14 with a grade of "C" or better.
Corequisite: MUS-19
Lec 1 Hr; Lab 2 Hrs
Advanced piano study, a continuation of MUS-14. Piano classes may be repeated at the appropriate level, but total piano enrollments are limited to four.
[CSU; UC]
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<td>G. Vinokurov</td>
<td>K118</td>
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</table>
MUS-17A. BEGINNING GUITAR I (G)
Lec 1 Hr; Lab 2 Hrs
Class instruction on guitar at the beginning level. Covers position, right and left hand playing techniques, tuning, and the basics of musical notation. Students must bring their own unamplified guitar.
[CSU; UC]
2349 M 06:00PM-07:00PM P. Collins K146 1.00
M 07:01PM-09:20PM P. Collins K146

MUS-17B. BEGINNING GUITAR II (G)
Lec 1 Hr; Lab 2 Hrs
Continued instruction on the guitar with emphasis on note reading and the performance of chords and arpeggios. Students must bring their own unamplified guitar.
[CSU; UC]
2350 M 06:00PM-07:00PM P. Collins K146 1.00
M 07:01PM-09:20PM P. Collins K146

MUS-17C. INTERMEDIATE GUITAR I (G)
Prerequisite: MUS-17B with a grade of "C" or better.
Lec 1 Hr; Lab 2 Hrs
Instruction on guitar to include playing in 2nd and 3rd position, study of classical and contemporary solos and etudes, and an introduction to ensemble playing. Students must bring their own unamplified guitar.
[CSU; UC]
2351 M 06:00PM-07:00PM P. Collins K146 1.00
M 07:01PM-09:20PM P. Collins K146

MUS-17D. INTERMEDIATE GUITAR II (G)
Prerequisite: MUS-17C with a grade of "C" or better.
Lec 1 Hr; Lab 2 Hrs
Continued instruction on guitar at the upper intermediate level including 2nd and 3rd positions, vibrato, harmonics, classical and contemporary solos and etudes, and ensemble playing. Students must bring their own unamplified guitar.
[CSU; UC]
2352 M 06:00PM-07:00PM P. Collins K146 1.00
M 07:01PM-09:20PM P. Collins K146

MUS-20. HARTNELL COLLEGE CHOIR (G)
Prerequisite: Audition is required.
Lab 3 Hrs
A performance group studying the choral literature ranging from works of the early masters to modern composers. This course is not limited to music majors. Students majoring in vocal music are expected to enroll in the choir for two years. May be repeated for credit to a maximum of 4 units.
[CSU; UC] [C-ID MUS 180]
2344 MWF 10:00AM-10:50AM S. Rudo K125 1.00

MUS-21. HARTNELL CHAMBER SINGERS (G)
Prerequisite: Audition is required.
Lab 3 Hrs
A vocal ensemble devoted to the study and performance of musical literature suited to a small group of singers. May be repeated for credit to a maximum of 4 units.
[CSU; UC] [C-ID MUS 180]
2361 MWF 11:00AM-11:50AM S. Rudo K125 1.00

MUS-23.4. HARTNELL CHORALE-20TH CENTURY "POPS" EMPHASIS (G)
Prerequisite: Audition required
Advisory: Members selected from the Hartnell Choir by audition.
Lab 3 Hrs
A chorale group of mixed voices which rehearses and performs a wide range of musical literature with special emphasis on the study of techniques for performing 20th Century "pops" music.
[CSU; UC] [C-ID MUS 180]
2362 MWF 11:00AM-11:50AM S. Rudo K125 1.00

MUS-24. ESTUDIANTINA HARTNELL (G)
Prerequisite: Audition is required.
Lec 3 Hrs
A performance group in the manner of the Estudiantinas of Mexico and the Tunas of Spain. Open to all students. Instruction will be provided in singing and the playing of traditional Estudiantina instruments. Repertoire consists of traditional and contemporary music as performed by Estudiantinas/Tunas in the Spanish speaking world. Students will both sing in Spanish and play traditional instruments such as the guitar, bandurria, mandolin, violin, string bass, and pandero. Some instruments are available for student use.
[CSU; UC] [C-ID MUS 180]
2345 M 06:00PM-09:20PM W. Faulkner K125 1.00

MUS-26. JAZZ ENSEMBLE (G)
Prerequisite: Audition is required.
Lab 3 Hrs
A performance group studying literature for the jazz ensemble. Performances include concerts and playing at college and community events. Open to all students who play piano, bass, drums, guitar, saxophone, trumpet or trombone. May be repeated for credit to maximum of 4 units.
[CSU; UC] [C-ID MUS 180]
2353 TTh 12:30PM-01:45PM S. Ettinger K146 1.00
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<tr>
<td><strong>MUS-29.2. SYMPHONIC BAND-19TH CENTURY</strong>&lt;br&gt;<strong>EMPHASIS (G)</strong>&lt;br&gt;Advisory: Intended for persons with previous band instrument experience.&lt;br&gt;Lab 3 Hrs&lt;br&gt;A symphonic band which rehearses and performs a wide range of musical literature with special emphasis on the study of techniques for performing 19th century music. Some instruments are available for student use.&lt;br&gt;[CSU; UC] [C-ID MUS 180]&lt;br&gt;2354 TTh 12:30PM-01:45PM S. Ettinger K146 1.00</td>
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<td><strong>MUS-29.4. SYMPHONIC BAND-20TH CENTURY &quot;POPS&quot; EMPHASIS (G)</strong>&lt;br&gt;Prerequisite: Audition is required.&lt;br&gt;Advisory: Intended for persons with previous band instrument experience.&lt;br&gt;Lab 3 Hrs&lt;br&gt;A symphonic band which rehearses and performs a wide range of musical literature with special emphasis on the study of techniques for performing 20th century &quot;pops&quot; music. Students may enroll in this course a maximum of four (4) times. Some instruments are available for student use.&lt;br&gt;[CSU; UC] [C-ID MUS 180]&lt;br&gt;2355 TTh 12:30PM-01:45PM S. Ettinger K146 1.00</td>
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<td><strong>MUS-34.2. SYMPHONY ORCHESTRA-19TH CENTURY</strong>&lt;br&gt;<strong>EMPHASIS (G)</strong>&lt;br&gt;Prerequisite: Audition required.&lt;br&gt;Advisory: Intended for persons with previous orchestral instrument experience.&lt;br&gt;Lab 3 Hrs&lt;br&gt;Students will rehearse and perform a wide range of musical literature with special emphasis on the study of techniques for performing 19th century music.&lt;br&gt;[CSU; UC] [C-ID MUS 180]&lt;br&gt;2356 Th 07:00PM-09:50PM S. Ettinger K146 1.00</td>
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<tr>
<td><strong>MUS-34.3. SYMPHONY ORCHESTRA-20TH CENTURY</strong>&lt;br&gt;<strong>EMPHASIS (G)</strong>&lt;br&gt;Prerequisite: Audition required.&lt;br&gt;Advisory: Intended for persons with previous orchestral instrument experience.&lt;br&gt;Lab 3 Hrs&lt;br&gt;Students will rehearse and perform a wide range of musical literature with special emphasis on the study of techniques for performing 20th century music.&lt;br&gt;[CSU; UC] [C-ID MUS 180]&lt;br&gt;2357 Th 07:00PM-09:50PM S. Ettinger K146 1.00</td>
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<td><strong>MUS-34.5. SYMPHONY ORCHESTRA-21ST CENTURY</strong>&lt;br&gt;<strong>EMPHASIS (G)</strong>&lt;br&gt;Prerequisite: Audition required.&lt;br&gt;Advisory: Intended for persons with previous orchestral instrument experience.&lt;br&gt;Lab 3 Hrs&lt;br&gt;Students will rehearse and perform a wide range of musical literature with special emphasis on the study of techniques for performing 21st century music.&lt;br&gt;[CSU; UC] [C-ID MUS 180]&lt;br&gt;2358 Th 07:00PM-09:50PM S. Ettinger K146 1.00</td>
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<tr>
<td><strong>MUS-42. DIGITAL AUDIO RECORDING</strong>&lt;br&gt;Lec 1.50 Hrs; Lab 1.50 Hrs&lt;br&gt;Introduction to digital audio recording using a computer. Includes basic acoustics, fundamentals of audio recording, basics of digital audio, multi-track recording, CD creation, and microphone selection and placement. Creation of original &quot;sound design&quot; projects.&lt;br&gt;[CSU]&lt;br&gt;2359 MWF 09:00AM-09:25AM S. Ettinger K146 2.00 MWF 09:26AM-09:50AM S. Ettinger K146</td>
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<td><strong>MUS-43. MIDI SEQUENCING</strong>&lt;br&gt;Prerequisite: MUS-42 with a grade of &quot;C&quot; or better.&lt;br&gt;Lec 1.50 Hrs; Lab 1.50 Hrs&lt;br&gt;Introduction to MIDI sequencing using a computer. Includes hardware and software selection and set-up, click tracks, quantizing, looping, multi-timbral operations, step-time recording, CD creation, MIDI for web pages. Creation of original MIDI sequences.&lt;br&gt;[CSU]&lt;br&gt;2360 MWF 09:00AM-09:25AM S. Ettinger K146 2.00 MWF 09:26AM-09:50AM S. Ettinger K146</td>
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<tr>
<td><strong>MUS-47. MUSIC THEORY AND MUSICIANSHIP II</strong>&lt;br&gt;Prerequisite: MUS-46 with a grade of &quot;C&quot; or better.&lt;br&gt;Lec 2.50 Hrs; Lab 4.50 Hrs&lt;br&gt;Continuation of MUS-46. The diatonic system of harmony from an analytical and practical point of view, including voice leading, musical analysis and chord usage, concentrating on the aesthetic and cultural qualities of the music. Students will continue to do sight-singing and ear training using diatonic materials. Not open to students who have completed both MUS-50B and MUS-51B with a &quot;C&quot; grade or better.&lt;br&gt;[C-ID MUS 130 AND MUS 135]&lt;br&gt;2346 TTh 09:00AM-11:15AM S. Ettinger K118 4.00 TTh 11:16AM-12:15PM S. Ettinger K118</td>
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Continuation of chromatic harmony and introduction of 20th century harmonic techniques, form, musical analysis, and orchestration. Students will do sight-singing and ear-training using the literature of the music of the 19th and 20th centuries. Not open to students who have completed both MUS 52B and 53B with a 'C' grade or better.

Section 4030: 08:00AM-09:50AM, Whitmore/Elliott, Room A113, 4.00 units

**NRN-42. NURSING THEORY II** (G)

**Prerequisite:** NRN-41 with a grade of "C" or better.
**Corequisite:** NRN-42.1; NRN-42.2; NRN-42.3

**Lec 4 Hrs**

Application of the Nursing Process using Doenges and Moorhouse Diagnostic Divisions for the study of nursing. Emphasis is on health promotion for the childbearing family, from preconception to middle adulthood. The values of caring, competency, and collaboration are integrated into the study of nursing.

[CSU]

Section 4030: 08:00AM-09:50AM, Whitmore/Elliott, Room A113, 4.00 units

**NRN-42.1. NURSING CLINICAL II** (P)

**Prerequisite:** NRN-41.1 with a grade of "C" or better.
**Corequisite:** NRN-42; NRN-42.2; NRN-42.3

**Lab 12 Hrs**

Application of the nursing process using Doenges and Moorhouse Diagnostic Divisions while providing nursing care with emphasis on health promotion for the childbearing family, from preconception through middle adulthood. The values of caring, curiosity, collaboration, and competence are conveyed.

[CSU]

Section 4031: 08:00AM-09:50AM, Elliott, Room B208, 4.00 units

**NRN-42.2. CLINICAL REASONING SEMINAR II** (G)

**Prerequisite:** NRN-41.2 with a grade of C or better.

**Corequisite:** NRN-42; NRN-42.1; NRN-42.3

**Lec 1 Hr**

Application of the Nursing Process and critical thinking strategies using Doenges and Moorhouse Diagnostic Divisions. Students actively participate employing a case study format. Emphasis is on health promotion for the childbearing family, from preconception to middle adulthood. The values of curiosity and collaboration are emphasized.

[CSU]

Section 4036: 10:00AM-10:50AM, Whitmore, Room B203, 1.00 units

Section 4037: 11:00AM-11:50AM, Whitmore, Room B203, 1.00 units

Section 4038: 10:00AM-10:50AM, Elliott, Room B215, 1.00 units

Section 4039: 11:00AM-11:50AM, Whitmore, Room B215, 1.00 units

**NRN-42.3. NURSING SKILLS LAB II** (G)

**Prerequisite:** NRN-41.3 with a grade of "C" or better.

**Corequisite:** NRN-42; NRN-42.1; NRN-42.2;

**Lab 3 Hrs**

Application of the Nursing Process using Doenges and Moorhouse Diagnostic Divisions for the study of nursing skills necessary for health promotion for the childbearing family. Emphasis is on basic physical assessment and nursing skills necessary to provide care to children and the child-bearing family. The value of competency in nursing skills is demonstrated and reinforced.

Section 4040: 08:00AM-08:50AM, Elliott, Room B208, 1.00 units

Section 4041: 09:30AM-10:20AM, Elliott, Room B215, 1.00 units

Section 4042: 12:30PM-01:20PM, Espinas, Room B215, 1.00 units

Section 4043: 09:30AM-10:20AM, Elliott, Room B208, 1.00 units

**NRN-44. NURSING THEORY IV** (G)

**Prerequisite:** NRN-43 with a grade of "C" or better.

**Corequisite:** NRN-44.1; NRN-44.2

**Lec 4 Hrs**

Application of the Nursing Process using Doenges and Moorhouse Diagnostic Divisions for the study of nursing. Emphasis is on nursing leadership and optimizing health for the adult with multi-system failure. The values of curiosity, competency, and collaboration are integrated into the study of nursing.

[CSU]

Section 4043: 08:00AM-09:50AM, Durham/Cousineau, Room B203, 4.00 units

**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
NRN-44.1. NURSING CLINICAL IV  
Prerequisite: NRN-43.1 with a grade of "C" or better.  
Corequisite: NRN-44; NRN-44.2; NRN-50.44  
Lab 15 Hrs  
Application of the Nursing Process using Doenges and Moorhouse Diagnostic Divisions when providing nursing care. Emphasis is on nursing leadership and optimizing health for adults with multi-system failure in the acute care and community-based settings. The values of caring, curiosity, collaboration, and competence are conveyed.  

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NRN-44.2. CLINICAL REASONING SEMINAR IV  
Prerequisite: NRN-43.2 with a grade of "C" or better.  
Corequisite: NRN-44; NRN-44.1  
Lec 1 Hr  
Application of the Nursing Process and critical thinking strategies using using Doenges and Moorhouse Diagnostic Divisions. Students actively participate, employing a case study format. Emphasis is on nursing leadership and developing and evaluating plans of care designed to optimize health for the adult with multi-system failure. The value of curiosity and collaboration are emphasized.  

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NRN-50.42. SUPERVISED NURSING SKILLS PRACTICE II  
Prerequisite: NRN 50.41: Supervised Nursing Skills Practice I with a grade of "C" or better  
Corequisite: NRN-42.3  
Lab 1.50 Hrs  
Supervised practice for the mastery of advanced nursing skills. Integration and mastery of skills learned in the previous semester is expected, ensuring the value of competence. Student performance is evaluated and documented through competency testing using established standardized criteria.  

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NRN-50.44. SUPERVISED NURSING SKILLS PRACTICE IV  
Prerequisite: NRN 50.43: Supervised Nursing Skills Practice III with a grade of "C" or better  
Corequisite: NRN-44.1  
Lab 1.50 Hrs  
Supervised practice for the mastery of advanced nursing, leadership, and management skills. Integration and mastery of skills learned in previous semesters is expected, ensuring the value of competence. Student performance is evaluated and documented through competency testing using established standardized criteria.  

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NRN-70. GROWTH AND DEVELOPMENT ACROSS THE LIFESPAN  
Prerequisite: PSY-2 with a grade of "C" or better.  
Advisory: ENG-1A with a grade of "C" or better.  
Lec 3 Hrs  
Promotion of wellness across the life span. Critical thinking skills are used emphasizing normal physical, cognitive, ethnic, socio-cultural, sexual, and personality development extending from conception to death. Focus on how accomplishment of developmental tasks is impacted by disease. Required for entry into the Hartnell College LVN Program and for students in a variety of disciplines including early childhood education and baccalaureate-level registered nursing programs.  

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NRN-99. NURSE RESIDENCY EDUCATION  
Prerequisite: NRN-44.1 with a grade of "C" or better.  
This course provides a structured first-work experience to bridge the transition from student to professional RN. A combination of classroom and acute care-clinical experience focuses on issues pertinent to the development of nursing practice skills and professional growth.  

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NRN-225. SUCCESS STRATEGIES FOR 1ST SEMESTER RN STUDENTS  
Prerequisite: Take NRN-41  
Corequisite: NRN-41  
Lab 1.50 Hrs  
Designed for first semester registered nursing students interested in reinforcing content presented in NRN-41 nursing courses. The course is individualized for each student based on identified learning needs. The values of curiosity and competency in nursing practice are emphasized.  

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</table>
### Application of the nursing process for the study of vocational nursing. The content focus is on adults with acute, life-altering, developmental tasks is impacted by disease. Required for entry into the Hartnell College LVN Program and for students in a variety of disciplines including early childhood education and baccalaureate-level registered nursing programs.

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### NVN-227. SUCCESS STRATEGIES FOR 3RD SEMESTER

#### RN STUDENTS
Prerequisite: Take NRN-43  
Corequisite: NRN-43  
Lab 1.50 Hrs

Designed for third semester registered nursing students interested in reinforcing content presented in NRN-43 nursing courses. The course is individualized for each student based on identified learning needs. The values of curiosity and competency in nursing practice are emphasized. OTHER: Approval of Director of Nursing following withdrawal from or failure in NRN 43, NRN 43.2, and/or NRN 43.3

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### NVN-70. GROWTH AND DEVELOPMENT ACROSS THE LIFESPAN

Prerequisite: PSY-2 with a grade of "C" or better.  
Advisory: ENG-1A with a grade of "C" or better  
Lec 3 Hrs

Promotion of wellness across the life span. Critical thinking skills are used emphasizing normal physical, cognitive, ethnic, sociocultural, sexual, and personality development extending from conception to death. Focus on how accomplishment of developmental tasks is impacted by disease. Required for entry into the Hartnell College LVN Program and for students in a variety of disciplines including early childhood education and baccalaureate-level registered nursing programs.

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### NVN-122A. VOCATIONAL NURSING: THEORY IV

Prerequisite: NVN 120A: Vocational Nursing: Theory II with a grade of "C" or better and NVN 130B: Basic Pharmacology B with a grade of "C" or better  
Lec 4 Hrs

Application of the nursing process for the study of vocational nursing. The content focus is on adults with acute, life-altering, and/or mental health conditions.

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### NVN-122B. CLINICAL KNOWLEDGE PRACTICE IV

Prerequisite: NVN-120C: Vocational Nursing: Clinical II with a grade of "C" or better  
Corequisite: NVN-122A  
Lab 3 Hrs

Vocational Nursing Theory Application of the nursing process for the practice of vocational nursing skills. The content focus is on the skills needed to care for the adult with acute and/or mental health conditions.

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### NVN-122C. VOCATIONAL NURSING: CLINICAL IV

Prerequisite: Take NVN-122B  
Corequisite: NVN-122B  
Lab 9 Hrs

Application of the nursing process when caring for adults with acute and/or mental health conditions.

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### NVN-123A. VOCATIONAL NURSING: THEORY V

Prerequisite: NVN 122A: Vocational Nursing Theory IV with a grade of "C" or better  
Corequisite: NVN-130C  
Lec 3 Hrs

Application of the nursing process for the study of vocational nursing. The content focus is on the adult with complex health conditions and the study of vocational nursing leadership.

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<td>08:00AM-10:50AM</td>
<td>M. Davis</td>
<td>B204B</td>
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</tr>
</tbody>
</table>

### NVN-123B. VOCATIONAL NURSING: CLINICAL VIII

Prerequisite: Students must meet the Essential Capabilities and Functional Requirements. NVN-119B with a grade of "C" or better and NVN-120C with a grade of "C" or better and NVN-121C with a grade of "C" or better and NVN-122C with a grade of "C" or better  
Corequisite: NVN-130C; NVN-150.1; NVN-123  
Lab 12 Hrs

Application of the nursing process when caring for adults with complex health conditions and when in the role of a vocational nurse leader.

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<thead>
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Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
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<tbody>
<tr>
<td>NVN-130C. BASIC PHARMACOLOGY C</td>
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<tr>
<td><strong>Prerequisite:</strong> NVN 130B: Basic Pharmacology B with a grade of &quot;C&quot; or better</td>
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<td><strong>Lec</strong> 1 Hr</td>
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<tr>
<td>Application of the nursing process for the study of pharmacology for vocational nurses. Emphasis is on understanding drug classifications in order to administer medications safely and effectively</td>
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<td>N. Schur Beymer</td>
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<tr>
<td>NVN-226. SUCCESS STRATEGIES FOR BEGINNING VN STUDENTS</td>
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<tr>
<td><strong>Prerequisite:</strong> Must be accepted into the vocational nursing program or Approval from the director of nursing to return to the vocational nursing program after previous course withdrawal or failure.</td>
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<tr>
<td><strong>Lab</strong> 1.50 Hrs</td>
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<tr>
<td>Designed for licensed vocational nursing students interested in reinforcing content presented in the vocational nursing program. The course is individualized for each student based on identified learning needs. The values of curiosity and competency in nursing practice are emphasized.</td>
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<tr>
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<td>NVN-227. SUCCESS STRATEGIES FOR COMPLETING VN STUDENTS</td>
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<tr>
<td><strong>Prerequisite:</strong> NVN-121A with a grade of &quot;C&quot; or better. Approval for readmission into the Vocational Nursing Program.</td>
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<tr>
<td><strong>Lab</strong> 1.50 Hrs</td>
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<tr>
<td>Designed for licensed vocational nursing students taking one or both of the last two modules interested in reinforcing content presented throughout the vocational nursing program. NCLEX readiness and professional practice will be emphasized. The course is individualized for each student based on identified learning needs. The values of curiosity and competency in nursing practice are emphasized.</td>
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| OCEANOGRAPHY | | | | | |

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<tr>
<td>OCN-1. OCEANOGRAPHY</td>
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<tr>
<td><strong>Lec</strong> 3 Hrs</td>
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<tr>
<td>The geological, physical, chemical and biological aspects of the ocean environment. It includes the origin of the oceans, nature of the ocean basins, plate tectonics, causes and effects of currents, coastal geology, waves, tides and tidal currents, as well as the biological and environmental aspects of the oceans.</td>
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<tr>
<td>[CSU; UC; CSU-GE, AREA B1; IGETC AREA 5]</td>
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<tr>
<td>1145 W</td>
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<tr>
<td>6033 W</td>
<td>09:00AM-11:50AM</td>
<td>D. Lavoie</td>
<td>KCC209</td>
<td>3.00</td>
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</tr>
<tr>
<td>Section 6033 is offered at King City Education Center, 117 N. Second St., King City.</td>
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| PHILOSOPHY | | | | | |

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<tbody>
<tr>
<td>PHL-2. INTRODUCTION TO PHILOSOPHY</td>
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<tr>
<td><strong>Lec</strong> 3 Hrs</td>
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<tr>
<td>An introduction to some questions and methods of philosophy. Topics include Principles of Right Conduct (Ethics), Sources and Extent of Our Knowledge (Epistemology), The Nature of Reality, and The Existence of God (Metaphysics), Criteria of A Just Society (Social-Political Philosophy), and Criteria of Sound Reasoning (Logic).</td>
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<td>[CSU; UC; CSU-GE, AREA C2; IGETC, AREA 3]</td>
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<tr>
<td>2090 M</td>
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<td>J. Himelright</td>
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<tr>
<td>PHL-10. ETHICS</td>
<td>(G)</td>
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<tr>
<td><strong>Lec</strong> 3 Hrs</td>
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<tr>
<td>Presents an in depth analysis of major ethical theories and their application to contemporary moral, social, and personal issues. Students will learn to analyze and differentiate the concepts, principles, and operational rules of major ethical theories. Analytically comparing and contrasting these theories, students will use this analytic framework to evaluate contemporary moral issues.</td>
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<tr>
<td>[CSU; UC; CSU-GE, AREA C2; IGETC, AREA 3] [C-ID PHIL 120]</td>
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<tr>
<td>2092 MW</td>
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<td>J. Himelright</td>
<td>D267</td>
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<tr>
<td>9016 MTWThF</td>
<td>09:00AM-12:30PM</td>
<td>J. Himelright</td>
<td>AC-C106</td>
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<tr>
<td>Section 9016 meets, 3 weeks, 12/28/15-1/14/16.</td>
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<tr>
<td>PHL-15. CRITICAL THINKING AND LOGIC</td>
<td>(G/P)</td>
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<td><strong>Lec</strong> 3 Hrs</td>
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<tr>
<td>An introduction to the principles of sound reasoning with emphasis on deductive logic. Students are introduced to the basic techniques of categorical and truth-functional logics, and to inductive reasoning, common fallacies and to varieties of language use.</td>
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<td>[CSU; UC; CSU-GE AREA A3]</td>
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<tr>
<td>2091 W</td>
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<td>J. Himelright</td>
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**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
PHOTOGRAPHY

**PHO-1. INTRODUCTION TO PHOTOGRAPHY (G)**  
Lec 3 Hrs  
Introduces students to the technical knowledge, skill sets, and creative applications of all photographic media. A survey of the historic development of photography is included. Students will provide their own cameras.  
[CSU; UC; CSU-GE AREA C1; IGETC AREA 3]  
<table>
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<td>L. Rodriguez</td>
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<tr>
<td>2125</td>
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<tr>
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<td>J208</td>
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Section 2129 meets 16 weeks, 2/1/16-5/28/16.

**PHO-2. BEGINNING BLACK AND WHITE PHOTOGRAPHY (G)**  
Lec 3 Hrs; Lab 3 Hrs  
A course designed to teach the skills of Black and White photography through the production of prints of high technical and artistic value. It includes the study of film processing, contact printing, enlarging, composition, after-work, and mounting.  
[CSU; UC]  
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**PHO-3. ADVANCED PHOTOGRAPHY LAB (G)**  
Prerequisite: PHO-2 with a grade of "C" or better.  
Lec 2 Hrs; Lab 4 Hrs  
This course is an extension of PHO-2 with special emphasis on the study of photography as an art form and profession. Assignments are given in a wide variety of photographic topics, technologies, and methods in order to develop student skills and proficiencies in Black and White film as well as related issues in digital media.  
[CSU]  
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**PHO-4. PORTFOLIO PHOTOGRAPHY (G)**  
Prerequisite: PHO-3 with a grade of "C" or better.  
Lec 2 Hrs; Lab 4 Hrs  
Emphasizes the development of a photographic portfolio in which the student establishes near professional level skills in their choice of photographic mediums.  
[CSU]  
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PHYSICAL EDUCATION

**PEAC-32. CORE STRENGTHENING AND FLEXIBILITY(G/P)**  
Lec 0.75 Hrs; Lab 2.25 Hrs  
Designed to increase muscle flexibility and physical movement. Balance, core strengthening and muscle awareness will be emphasized through a series of exercise and routines. Formerly PE-1.243. Not open to students who have completed PE-1.243.  
[CSU; UC]  
<table>
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<td>A. Berlanga</td>
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<td>A. Berlanga</td>
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**PEAC-36. YOGA (G/P)**  
Lec 0.75 Hrs; Lab 2.25 Hrs  
Practice and philosophy of Yoga through yoga poses. Yoga exercises linked to movement, mind, and breath to bring about a feeling of balance, relaxation, and harmony. Students must supply their own Yoga mat. Formerly PE-1.235. Not open to student who have completed PE-1.235.  
[CSU; UC]  
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<td>J. Pedroza</td>
<td>GYM</td>
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</table>

**PEAC-40. SPEED TRAINING AND CONDITIONING (G/P)**  
Lec 0.75 Hrs; Lab 2.25 Hrs  
The development of strategies and techniques to increase speed and improve agility utilizing the fitness components of cardiovascular/respiratory conditioning, muscular strength and endurance, and flexibility. Formerly PE-1.248. Not open to students who have completed PE-1.248.  
[CSU; UC]  
<table>
<thead>
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<td>M. Collins</td>
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</table>

**PEAC-42. HYDRO-FITNESS (G)**  
Lec 0.75 Hrs; Lab 2.25 Hrs  
Cardiovascular exercise program performed in the pool. The workouts will include a warm up, a series of arm and leg exercises using "Hydro-Fit" system apparatus, and a cool down. Formerly PE-1.229. Not open to students who have completed PE-1.299.  
[CSU; UC]  
<table>
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<tr>
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<td>M. Toney</td>
<td>POOL</td>
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</tbody>
</table>
PEAC-43. STRENGTH TRAINING (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
A progressive weight training course designed to provide instruction in techniques and training of muscular strength, muscular endurance and muscle definition through the use of free weights and machines. Students may only take four of the following courses: PEAC-43, PEAC-46, PEAC-47, PEAC-49, PEAC - 50 or PEAC-69. Each course is not repeatable. Formerly PE-1.228. Not open to students who have completed PEAC-50 or PEAC-69. Each course is not repeatable. Formerly PE-1.197. Not open to students who have completed PE-1.228 with a grade of "C" or better.

[CSU; UC]

3117 TTh 09:30AM-10:45AM STAFF F138 1.50
3119 TTh 11:00AM-12:15PM STAFF F138 1.50
3121 TTh 12:30PM-01:45PM STAFF F138 1.50

PEAC-44. WATER JOGGING (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
A water exercise class emphasizing cardiovascular endurance, muscular development and flexibility using Hydro-Fit jogging cuffs and Aqua jogger belts. Formerly PE-1.221. Not open to students who have completed PE-1.221.

[CSU; UC]

3006 MWF 11:00AM-11:50AM M. Toney POOL 1.50

PEAC-46. CIRCUIT ENDURANCE TRAINING (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
Circuit training to develop cardiovascular efficiency, strength, endurance and flexibility. Self-monitoring of heart rate emphasized throughout the class. Students may only take four of the following courses: PEAC-43, PEAC-46, PEAC-47, PEAC-49, PEAC - 50 or PEAC-69. Each course is not repeatable. Formerly PE-1.204. Not open for credit to students who have completed PE-1.204 with a “C” or better.

[CSU; UC]

3118 TTh 09:30AM-10:45AM STAFF F138 1.50
3120 TTh 11:00AM-12:15PM STAFF F138 1.50
3122 TTh 12:30PM-01:45PM STAFF F138 1.50
3124 TTh 04:30PM-05:45PM STAFF F138 1.50

PEAC-49. AEROBIC STRENGTH CONDITIONING (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
Develop cardiovascular efficiency, strength, endurance, and flexibility through the use of weight machines, free weights and cardiovascular equipment. Emphasis is placed on improving overall fitness while exercising safely. Students may enroll in PEAC-43, PEAC-46, PEAC-47, PEAC-49, PEAC-50 or PEAC-69 up to four times for credit. Each course is not repeatable. Formerly PE-1.198. Not open to students who have completed PE-1.198 with a grade of “C” or better.

[CSU; UC]

3107 MWF 10:00AM-10:50AM STAFF F138 1.50
3111 MWF 12:00PM-12:50PM STAFF F138 1.50
3113 MW 04:30PM-05:45PM STAFF F138 1.50

PEAC-50. POWER LIFTING (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
Power lifting utilizing primarily free weights. Emphasis is on lifting for strength and power by concentrating on the core power lifts and other multiple joint exercises. Course provides the opportunity for students to improve their flexibility, muscular definition and endurance. Formerly PE-1.197. Not open to students who have completed PE-1.197.

[CSU; UC]

3100 MWF 10:00AM-10:50AM STAFF GYM 1.50
3101 MWF 11:00AM-11:50AM STAFF GYM 1.50
3102 TTh 06:00PM-07:15PM STAFF GYM 1.50

PEAC-52. VOLLEYBALL (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
Develop and improve fundamental volleyball skills including passing, setting, digging, serving, spiking, and blocking. Students practice offensive and defensive strategies and utilize these skills and strategies during game play. Formerly PE-1.186. Not open to students who have completed PE-1.186.

[CSU; UC]

3007 M 06:30PM-09:35PM J. Pedroza GYM 1.50

PEAC-55. SOCCER (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
Instruction in the fundamental skills of soccer including dribbling, heading, trapping, passing, and team play. Formerly PE-1.183. Not open to students who have completed PE-1.183.

[CSU; UC]

3009 W 07:00PM-09:50PM J. Cuevas AUX 1.50

PEAC-56. SELF-DEFENSE/MARTIAL ARTS (G)

Lec 1 Hr; Lab 3 Hrs
Course will examine the various methods of self-defense/martial arts for men and women that will have an emphasis on the protection from assaults and use of defensive techniques and strategies. Students will learn Katas required for belt promotion. Formerly PE-1.182. Not open to students who have completed PE-1.182 with a grade of "C" or better.

[CSU; UC]

3010 TTh 07:00PM-08:50PM L. Mankins AUX 2.00

PEAC-58. BEGINNING TENNIS (G)

Lec 0.75 Hrs; Lab 2.25 Hrs
Develops basic skills necessary to play tennis. Emphasis is placed on the fundamental techniques, rules, scoring, history, and tennis etiquette. Students will supply their own tennis racquet and two cans of tennis balls.

[CSU; UC]

3011 S 09:00AM-11:45AM M. Toney TNCT 1.00

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
PEAC-59. INTERMEDIATE TENNIS (G)
Advisory: The student should have previous playing experience in high school or a United States Tennis Association (USTA) skill rating of 3.0 or higher according to the National Tennis Rating Program (NTSP) or completed PEAC-58, Beginning Tennis, with a grade of "C" or higher prior to enrolling in Intermediate Tennis.
Lec 0.75 Hrs; Lab 0.75 Hrs
Develops intermediate techniques necessary to play tennis. Emphasis on intermediate techniques, tennis terminology, scoring and rules of the game. Students will supply their own tennis racquet and two cans of tennis balls.
[CSU; UC]
3012 S 09:00AM-11:45AM M. Toney TNCT 1.00

PEAC-60. INTERMEDIATE VOLLEYBALL (G)
Lec 0.75 Hrs; Lab 0.75 Hrs
A course designed to develop a thorough understanding of the game of volleyball. Individual game skills, popular systems of play and strategy, and the rules of the game will be discussed and analyzed. Course will begin with a health screening and baseline or functional capacity fitness assessment. Formerly PE-1.110. Not open to students who have completed PE-1.110.
[CSU; UC]
3013 M 06:30PM-09:35PM J. Pedroza GYM 1.50

PEAC-69. INTRODUCTION TO WEIGHT TRAINING (G/P)
Lec 0.75 Hrs; Lab 2.25 Hrs
A progressive weight training program to increase flexibility, strength, endurance and skills. Course will begin with a health screening and baseline or functional capacity fitness assessment. Formerly PE-1.131. Students may only take four of the following courses: PEAC-43, PEAC-46, PEAC-47, PEAC-49, PEAC-50 or PEAC-69.
[CSU; UC]
3106 MWF 09:00AM-09:50AM STAFF F138 1.50
3108 MWF 10:00AM-10:50AM STAFF F138 1.50
3110 MWF 11:00AM-11:50AM STAFF F138 1.50
3112 MWF 12:00PM-12:50PM STAFF F138 1.50
3114 MW 04:30PM-05:45PM STAFF F138 1.50

PEAC-70. BASKETBALL (G)
Lec 0.75 Hrs; Lab 2.25 Hrs
A course designed to develop a thorough understanding of the game of basketball. Individual game skills, popular systems of play and strategy, and the rules of the game will be discussed and analyzed. Course will begin with a health screening and baseline or functional capacity fitness assessment. Formerly PE-1.110. Not open to students who have completed PE-1.110.
[CSU; UC]
3014 MTWHF 03:30PM-04:45PM A. Vasher GYM 1.50

PEAC-74. ADVANCED VOLLEYBALL (G)
Lec 0.75 Hrs; Lab 2.25 Hrs
Designed to give experienced volleyball players an opportunity to strengthen his/ her skills. Emphasis will be placed on performance in competitive situations during class time as preparation for life-long fitness. Formerly PE-1.225. Not open to students who have completed PE-1.225.
[CSU; UC]
3013 M 06:30PM-09:35PM J. Pedroza GYM 1.50

PEAD-84. ADAPTIVE CIRCUIT ENDURANCE TRAINING(G)
Lec 0.75 Hrs; Lab 2.25 Hrs
Designed for the physically challenged students to enhance their strength and cardiovascular endurance by using progressive resistance machines to develop muscle strength, endurance flexibility, and heart health. This class is offered on an open/entry, open/exit basis. Students should complete an application in the DSP&S Office for verification of eligibility for this class.
[CSU; UC]
3400 MWF 06:00AM-06:50AM S. Seymour F138 1.50
3401 MWF 07:00AM-07:50AM T. Carpenter F138 1.50
3402 MWF 08:00AM-08:50AM T. Carpenter F138 1.50
3403 MWF 09:00AM-09:50AM T. Carpenter F138 1.50
PEIN-17. INTERCOLLEGIATE BASKETBALL  (G)  
Lab 4.50 Hrs  
Advanced techniques and strategies for competitive intercollegiate basketball competition. Approximately twenty-eight intercollegiate scheduled games. Formerly PE-3.511. May be taken up to four times for credit.  
[CSU; UC]  
3500 MTWThF 06:30AM-07:45AM A. Vasher AUX 1.50  
Section 3500 meets 12 weeks, 12/21/15-3/11/16. Enrollment is limited to men's basketball team members.  
3501 MTWThF 06:30AM-07:45AM T. Carpenter GYM 1.50  
Section 3501 meets 12 weeks, 12/21/15-3/11/16. Enrollment is limited to women's basketball team members.  

PEIN-21. INTERCOLLEGIATE SOFTBALL FOR WOMEN(G)  
Lab 9 Hrs  
Advanced techniques and strategies of competitive intercollegiate softball competition. Thirty-two intercollegiate games. Formerly PE-3.515. May be taken up to three times for credit.  
[CSU; UC]  
3502 MTWThF 02:00PM-03:50PM A. Watt SBFD 3.00  
Section 3502 enrollment is limited to women's softball team members.  

PEIN-24. INTERCOLLEGIATE TRACK AND FIELD (G)  
Lab 9 Hrs  
Intercollegiate track and field using advanced skills, techniques, and strategies. Eighteen intercollegiate competitions. Formerly PE-3.531. May be taken up to three times for credit.  
[CSU; UC]  
3503 MTWThF 02:00PM-03:50PM C. Zepeda TRCK 3.00  
Section 3503 enrollment is limited to track & field team members.  
3504  To be arranged  
C. Zepeda TRCK 3.00  
Section 3504 enrollment is limited to track & field team members.  

PEIN-25. INTERCOLLEGIATE SPORTS CONDITIONING (G)  
Lab 4.50 Hrs  
Advanced strategies for competitive intercollegiate sports competition through the development of cardiovascular endurance, flexibility and strength through the use of weights and cardiovascular equipment with emphasis on specific strategies dependent on the sports activity. Formerly PE 1.146. May be taken up to four times for credit.  
[CSU; UC]  
3505 MTWThF 08:00AM-08:50AM C. Zepeda TRCK 1.50  
Section 3505 enrollment is limited to track & field team members.  
3506 MTWThF 04:00PM-04:50PM A. Watt SBFD 1.50  
Section 3506 enrollment is limited to women's softball team members.  
3507 MTWThF 04:00PM-04:50PM T. Babin BBFD 1.50  
Section 3507 enrollment is limited to baseball team members.  

PEIN-26. INTERCOLLEGIATE BASEBALL  (G)  
Lab 9 Hrs  
Advanced techniques and strategies of competitive intercollegiate baseball competition. Approximately thirty-two intercollegiate games. Formerly PE-3.510. May be taken up to three times.  
[CSU; UC]  
3508 MTWThF 02:00PM-03:50PM T. Babin BBFD 3.00  
Section 3508 enrollment is limited to baseball team members.  

PEIN-32. PRE-SEASON SPORT CONDITIONING  (G)  
Lec 0.75 Hrs; Lab 0.75 Hrs  
This course is designed for the student who wishes to compete at the intercollegiate level. Course content will emphasize pre-season conditioning for one of the following sports: baseball, track, cross country, soccer, softball, and volleyball. It is an intensive training program based upon improving basic skills, speed, flexibility, agility, reaction time, coordinated movement and cardiovascular endurance. Students should have previous organized athletic experience. Students will enroll in the appropriate conditioning class that corresponds to their sport participation. May be taken up to 4 times.  
[CSU; UC]  
3510 MTWThF 08:00AM-10:05AM C. Zepeda TRCK 1.00  
Section 3510 meets 3 weeks, 1/4/16-1/20/16. This is a pre-season conditioning class offered with an emphasis for track & field student/athletes. Students will be required to demonstrate technical skill level sufficient to compete in intercollegiate track & field at the community college level via tryouts.  
3511 MTWThF 01:00PM-03:50PM A. Watt SBFD 1.00  
Section 3511 meets 3 weeks, 1/4/16-1/20/16. This is a pre-season conditioning class offered with an emphasis for women's softball student/athletes. Students will be required to demonstrate technical skill level sufficient to compete in intercollegiate softball at the community college level via tryouts.  

PEIN-41. NONTRADITIONAL SEASON, SOCCER  (G)  
Lec 0.75 Hrs; Lab 2.25 Hrs  
Designed for the student who wishes to compete at the intercollegiate level and gives experienced soccer players an opportunity to improve skills, fitness level, and tactical understanding of soccer. Emphasis will be placed on performance in competitive situations during class and participation in California Community College Athletic Association's Nontraditional Season of Soccer. Students must have a current medical physical on file to participate in nontraditional competitions. CCCAA Bylaw 3.17.1 May be taken up to 4 times.  
[CSU; UC]  
3512 MWThF 02:00PM-02:50PM D. Ortega SRFD 1.50  
Section 3512 is an off-season conditioning class offered with an emphasis for men's soccer student/athletes. Students will be required to demonstrate technical skill level sufficient to compete in intercollegiate soccer at the community college level via tryouts.  
3513 TWTh 02:00PM-02:50PM A. Guerrero SRFD 1.50  
Section 3513 is an off-season conditioning class offered with an emphasis for women's soccer student/athletes. Students will be required to demonstrate technical skill level sufficient to compete in intercollegiate soccer at the community college level via tryouts.
PEIN-42. NONTRADITIONAL SEASON, VOLLEYBALL (G)

Lec 0.75 Hrs; Lab 2.25 Hrs

Designed for the student who wishes to compete at the intercollegiate level and gives experienced volleyball players an opportunity to improve skills, fitness levels, and the tactical understanding of volleyball. Emphasis will be placed on performance in competitive situations during class and participation in California Community College Athletic Association's Nontraditional Season of Volleyball. Students must have a current medical physical on file to participate in nontraditional competitions. CCCAA ByLaw 3.17.1. May be taken up to 4 times.

[CSU; UC]

3515 MW 01:30PM-02:45PM J. Pedroza AUX 1.50
Section 3515 is an off-season conditioning class offered with an emphasis for women's volleyball student/athletes. Students will be required to demonstrate technical skill level sufficient to compete in intercollegiate volleyball at the community college level via tryouts.

PEIN-46. NONTRADITIONAL SEASON, FOOTBALL (G)

Lec 0.75 Hrs; Lab 2.25 Hrs

Designed for the student who wishes to compete at the intercollegiate level and gives experienced football players an opportunity to improve skills, fitness levels and tactical understanding of football. Emphasis will be placed on performance in competitive situations during class and participation in California Community College Athletic Association's Nontraditional Season of Football. Students must have a current medical physical on file to participate in nontraditional competitions. CCCAA ByLaw 3.17.1. May be taken up to 4 times.

[CSU; UC]

3516 TTh 04:00PM-05:15PM M. Collins FBFD 1.50
Section 3516 is an off-season conditioning class offered with an emphasis for men's football student/athletes. Students will be required to demonstrate technical skill level sufficient to compete in intercollegiate football at the community college level via tryouts.

PETH-1. INTRODUCTION TO KINESIOLOGY (G)

Lec 3 Hrs

Introductory course in the interdisciplinary approach to the study of human movement. Provides an overview of the importance of the sub-disciplines in kinesiology along with career opportunities in the areas of teaching, coaching, allied health, and fitness professions. Formerly PE-20. Not open to students who have completed PETH-1 (PE-20) with a grade of "C" or better.

[CSU; UC; CSU-GE, AREA E] [C-ID KIN 100]

3600 MWF 10:00AM-10:50AM D. Ortega F136 3.00
3601 MWF 11:00AM-11:50AM D. Ortega F136 3.00

PETH-2. CARE AND PREVENTION OF ATHLETIC INJURIES (G)

Lec 3 Hrs; Lab 3 Hrs

This course is designed to prepare prospective coaches, athletic trainers, and physical educators in the recognition, evaluation and care of athletic injuries. Laboratory activities will be included that provide direct application of classroom content. Formerly known as PE 15. Not open to students who have completed PETH-2, (PE 15) with a "C" grade or better.

[CSU; UC]

3602 TTh 09:30AM-10:45AM D. Beymer F136 4.00
To be arranged D. Beymer

PETH-4. MENTAL SKILLS FOR SPORTS PERFORMANCE (G)

Lec 3 Hrs

Students will learn techniques for developing and refining psychological skills to enhance athletic growth and performance. In addition, they will improve their coaching skills and establish a culture of providing positive instruction. Course topics will assist students to maximize their athletic skill and development as well as addressing such issues as confidence, attention, goal setting, coping with injury and injury prevention.

[CSU; UC; CSU-GE, AREA E]

3604 TTh 08:00AM-09:15AM M. Collins F136 3.00

ADVISORY FOR WEB-BASED AND HYBRID COURSES

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
Kirchhoff's laws, Maxwell's equations, electromagnetic oscillations, capacitance, inductance and resistance. Electric circuits, electric charges and currents, electric and magnetic fields, as a requirement for their major program.

Physics or engineering but needing a one-year course in physics. This course is intended for students not majoring in physics or engineering but needing a one-year course in physics. A continuation of PHY-2A. Lectures and laboratories covering waves, sound, light electricity, magnetism, atomic and nuclear physics. Required for engineering and physical science majors. Strongly recommended for math majors.

PHY-4C. GENERAL PHYSICS/WAVES, HEAT, LIGHT, AND MODERN PHYSICS (G)
Prerequisite: PHY-4A with a grade of "C" or better.
Corequisite: MAT-3B
Lec 3 Hrs; Lab 4 Hrs

PHY-32. SURVEY OF CHEMISTRY AND PHYSICS (G)
Prerequisite: MAT-121 with a grade of "C" or better.
Lec 3 Hrs; Lab 3 Hrs
An investigation of basic principles of physics and chemistry including matter, physical and chemical properties, energy, motion, light, atomic structure, bonding, solutions and chemical reactions. The inter-dependence of chemistry and physics will be emphasized. This course is intended for non-science majors including elementary education.

PHY-4B. GENERAL PHYSICS/ELECTRICITY AND MAGNETISM (G)
Prerequisite: Take PHY-4A with a grade of "C" or better.
Corequisite: MAT-3B
Lec 3 Hrs; Lab 4 Hrs
Electric charges and currents, electric and magnetic fields, capacitance, inductance and resistance. Electric circuits, Kirchhoff's laws, Maxwell's equations, electromagnetic oscillations and waves. Required for engineering and physical science majors. Strongly recommended for math majors.

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
POL-1. AMERICAN POLITICAL INSTITUTIONS (G)

Advisory: Students must have basic computer skills for operating Microsoft Word and email, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC.

Lec 3 Hrs

Introduction to the U.S. Constitution, American political institutions, and California state government. Topics include basic concepts from political philosophy, constitutional law, institutions of the federal government, political parties and elections, federalism, public opinion, the media, interest groups, institutions of the federal government, political parties and basic concepts from political philosophy, constitutional law, political thought. Course topics include the correlation between ideology and democracy, liberalism, conservatism, socialism, and contemporary liberation ideologies as applied to the politics of identity. Contemporary issues in political theory will be presented from a variety of viewpoints.

[CSU; UC; CSU-GE; AREA D8; IGETC, AREA 4] [C-ID POLS 110]

2072 MWF 08:00AM-08:50AM P. Munoz-Meador D275 3.00
2073 MWF 09:00AM-09:50AM P. Munoz-Meador D275 3.00
2074 MWF 10:00AM-10:50AM J. Edgcomb D361 3.00
2075 MWF 11:00AM-11:50AM E. Andrade E319 3.00
2084 To be arranged M. Escover 3.00

Section 2084 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at mescover@hartnell.edu for further information.

2085 To be arranged M. Escover 3.00

Section 2085 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org/portal and follow instructions. Contact instructor via email at mescover@hartnell.edu for further information.

2078 TTh 08:00AM-09:15AM L. Adams E319 3.00
2079 TTh 09:30AM-10:45AM L. Adams E319 3.00
2080 M 06:00PM-09:20PM L. Adams E211 3.00
2081 Th 06:00PM-08:50PM K. Ryer E319 3.00
2071 TTh 03:30PM-04:45PM K. Ryer D267 3.00
6034 Th 09:00AM-11:50AM E. Mercuri KC1109 3.00

Section 6034 is offered at King City Education Center, 117 N. Second St., King City.

6035 W 06:00PM-08:50PM E. Mercuri KCC108A 3.00

Section 6035 is offered at King City Education Center, 117 N. Second St., King City.

POL-2. CONTEMPORARY GOVERNMENTS ABROAD (G)

Advisory: Eligibility for ENG-1A

Lec 3 Hrs

This course is focused on comparative studies regarding contemporary governments abroad and their role in the ongoing process of political and economic globalization. The forms of government studied in this course include parliamentary democracy, federal republic, direct democracy, authoritarian regime, and theocracy. Studies focus on a country's political economy and development, governance and policy-making, representation and participation, and politics in transition. Contemporary issues in comparative government will be presented from a variety of viewpoints.

[CSU; UC; CSU-GE; AREA D8; IGETC, AREA 4] [C-ID POLS 130]

2082 MWF 09:00AM-09:50AM L. Adams E319 3.00
PSY-6. SOCIAL PSYCHOLOGY  
Advisory: PSY-2 Eligibility for ENG-1A  
Lec 3 Hrs  
Survey of scientific theories and research on the nature, causes, and consequences of group and individual behavior within a social context. Topics include aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, social cognition, and altruism.  
[CSU; UC; CSU-GE, AREA D9, E; IGETC AREA 4] [C-ID PSY 170]  
2011 MWF 12:00PM-12:50PM A. Samis D267 3.00

PSY-8. RESEARCH METHODS IN PSYCHOLOGY  
Prerequisite: PSY-2 and MAT-13 with a grade of "C" or better.  
Advisory: Eligibility for ENG-1A  
Lec 3 Hrs  
Scientific methods of investigating behavior and mental processes. Students will understand and apply basic research methods in psychology, including research design, review of professional literature, data analysis, and interpretation. The ethics of research with human and animal subjects will be included.  
[CSU; UC, CSU-GE, AREA D9] [C-ID PSY 200]  
2012 MWF 09:00AM-09:50AM M. Cerda E309 3.00  
2009 TTh 11:00AM-12:15PM A. Samis E321 3.00

PSY-10. INTRODUCTION TO BIOLOGICAL PSYCHOLOGY(G)  
Prerequisite: PSY-2 with a grade of "C" or better.  
Advisory: Eligibility for ENG-1A  
Lec 3 Hrs  
An advanced consideration of the relationship between the brain and behavior emphasizing the structure and function of neurons and other components of the nervous system. The contributions, philosophy and ethics of research on humans and animals will be examined. Other topics include brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, motivation, learning, memory, language and cognition as well as disorders that arise from nervous system malfunctioning.  
[CSU; UC; CSU-GE, AREA D9; IGETC, AREA 4] [C-ID PSY 150]  
2013 TTh 11:00AM-12:15PM L. Lachman D267 3.00  
2014 TTh 12:30PM-01:45PM L. Lachman D267 3.00

PSY-14. CHILD PSYCHOLOGY  
Advisory: Eligibility for ENG-1A  
Lec 3 Hrs  
A survey of the psychological growth from conception through adolescence. Particular emphasis is given to physical, cognitive, and emotional development as well as biological and social influences. Topics will include an analysis of classic and contemporary theories and issues within the field of child psychology.  
[CSU; UC, CSU-GE, AREA D9, E; IGETC, AREA 4]  
2015 TTh 08:00AM-09:15AM S. Deal J108 3.00  
2016 MW 04:00PM-05:15PM A. Samis D361 3.00

PSY-15. HUMAN SEXUALITY  
Lec 3 Hrs  
A current and comprehensive introduction to the topic of human sexuality from the psychological, biological, sociocultural, and historical perspectives. Laboratory and survey research, findings from clinical experience, and historical sources will be analyzed. Topics to be discussed include (but are not limited to) sexual anatomy, sexual beliefs, values and expression, and concerns related to human sexuality. The various methods of contraception and safer sex practices will be evaluated. Current sex norms and aspects of interpersonal and individual sexual adjustment will be explored.  
[CSU; UC; CSU-GE, AREA D9, E; IGETC AREA 4] [C-ID PSY 130]  
2017 MWF 09:00AM-09:50AM S. Lopez D267 3.00  
2016 TTh 11:00AM-11:50AM Y. Matsushita- E321 3.00  
2019 TTh 12:30PM-01:45PM L. Lee E309 3.00  
2020 TTh 12:30PM-01:45PM L. Lee E319 3.00  
2010 T 11:00AM-11:50AM D. Weston D267 3.00  
Section 2010 meets 16 weeks, 2/11-5/28/16.

PSY-22. ABNORMAL PSYCHOLOGY  
Prerequisite: PSY-2 with a grade of "C" or better.  
Advisory: Eligibility for ENG-1A  
Lec 3 Hrs  
An introduction to the research and theories regarding the major types of psychopathology, including schizophrenia, and the anxiety, mood, dissociative, somatoform, and personality disorders. Emphasis on understanding the symptoms, causes, treatments and prevention of the disorders as viewed from the psychological, social and biological perspectives.  
[CSU; UC; CSU-GE AREA D9; IGETC, AREA 4] [C-ID PSY 120]  
2022 MWF 09:00AM-09:50AM Y. Matsushita- E321 3.00  
2023 W 06:00PM-08:50PM D. Weston D275 3.00

PSY-25. DEVELOPMENTAL PSYCHOLOGY: LIFESPAN(G)  
Advisory: Eligibility for ENG-1A  
Lec 3 Hrs  
Investigates psychological development from conception through adulthood and end of life. Focus areas include physical, cognitive, social and personality development as well as the current theoretical and research approaches which contribute to an understanding of human development over the lifespan.  
[CSU; UC; CSU-GE, AREA D9, AREA E1; IGETC, AREA 4] [C-ID PSY 180]  
2032 MWF 11:00AM-11:50AM S. Lopez E311 3.00  
2024 Th 06:00PM-08:50PM J. Edgcomb D275 3.00
### PSY-30. FORENSIC PSYCHOLOGY

**Lec 3 Hrs**

Introduction to the fundamental principles and concepts of forensic psychology. Topics include the role of psychology in the criminal and civil courts, identifying criminal behavior, evaluating fitness for trial, the insanity defense, helping victims of crime, family violence, dealing with offenders, investigation and prosecution, evaluating civil matters including family court.

[CSU]

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### PSY-33. PERSONAL AND SOCIAL ADJUSTMENT

**Lec 3 Hrs**

Advisory: Eligibility of ENG-1A

Designed for students interested in applications of psychology to everyday life situations. The course considers various psychological perspectives and theoretical foundations and how they are applied across the lifespan, taking into account the influence of culture, gender, ethnicity, historical context, and socio-economic status. Includes a broad understanding of how scientist, clinicians and practitioners study and apply psychology and how psychology is related to other social sciences.

[CSU; CSU-GE AREA D9, E]

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### PSY-41. PSYCHOLOGY OF HUMAN RELATIONS

**Lec 3 Hrs**

A psychological study of human relations. Principles of communication will be emphasized as they relate to the development and maintenance of human relationships. Other topics include relationship dynamics, intimacy, managing difficult emotions, conflict resolution and relationships over the lifespan.

[CSU; CSU-GE AREA D9, E] [C-ID PSY 115]

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### PSY-42. PSYCHOLOGY OF WOMEN

**Lec 3 Hrs**

An examination of the psychological, cultural, social and biological factors influencing women's beliefs and behaviors across the life span. Topics include gender stereotypes, development of gender roles, gender comparisons, women and work, love relationships, women's physical and mental health, violence against women, and women in later adulthood. Students who take this course will acquire an understanding of what it means to be female in the U.S.

[CSU; UC; CSU-GE AREA D4, D7, E; IGETC, AREA 4]

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### RESPIRATORY CARE PRACTITIONER

**RCP-60. DIAGNOSTICS STUDIES & RESPIRATORY CARE** (G)

Prerequisite: RCP-50 with a grade of "C" or better.

Corequisite: RCP-63

**Lec 3 Hrs**

Cardiopulmonary assessment, cardiac monitoring and critical thinking skills are used to guide respiratory care. Diagnostic studies are analyzed as they relate to respiratory care. Invasive and non-invasive cardiopulmonary monitoring, nutritional assessment, polysomnography, pulmonary rehabilitation, and home care evaluation are presented.

[CSU]

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### RCP-61. RESPIRATORY THERAPEUTICS

**Prerequisite: RCP-51 with a grade of "C" or better.**

**Corequisite: RCP-63**

**Lec 3 Hrs**

Cardiovascular pharmacology utilizing inhaled medications and basic ventilation strategies are introduced. Arterial blood gas sampling and analysis are reviewed and emergency intubation and stabilization in various settings is described. Maximal lung expansion, sputum mobilization, and airway patency are emphasized, with the focus on patient safety.

[CSU]

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### RCP-62. CARDIOPULMONARY PATHOPHYSIOLOGY

**Prerequisite: RCP-52 with a grade of "C" or better.**

**Corequisite: RCP-63**

**Lec 2 Hrs**

Various cardiopulmonary disorders including; infection, cancer, obstructive conditions, restrictive conditions and pulmonary vascular disease. Patient care plans for specific disease processes are discussed for use in multiple health care settings.

[CSU]

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### RCP-63. BEGINNING CLINICAL EXPERIENCE

**Prerequisite: RCP-53 with a grade of "C" or better.**

**Corequisite: RCP-60; RCP-61; RCP-62; RCP-64**

**Lab 12 Hrs**

Beginning respiratory care procedures and therapeutics are introduced in lab and clinical settings. Oxygen delivery devices, aerosol therapy, sputum mobilization techniques, suctioning and airway inflation strategies are practiced. Utilizing professional communication and critical thinking skills, the student will assess the patient's clinical manifestations, pertinent history, laboratory and diagnostic data to plan patient care.

[CSU]

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RCP-64. SUPERVISED PRACTICE: BEGINNING  (P)  
**Prerequisite:** RCP-54 with a grade of "C" or better.  
**Corequisite:** RCP-63  
Lab 1.50 Hrs
Application of the respiratory care process for the study of beginning respiratory care skills required for bedside care. Emphasis is on cardiopulmonary assessment, and medication administration that is necessary to provide care for the hospitalized patient. The value of competence in cardiopulmonary assessment, ABG, oxygen delivery, intubation and medication administration are emphasized.  

[RCP-70 with a grade of "C" or better.  
**Corequisite:** RCP-83  
**Lab 1 Hr; Lab 1.50 Hrs
Neonatal resuscitation, pediatric advanced life support, and advanced cardiac life support will be explained and demonstrated. Upon completion of each specialty class, the student will apply knowledge and skills to written and practical demonstration tests created by the American Heart Association and the American Academy of Pediatrics. Successful completion of both criteria will result in certification in each specific category.  

[RCP 71 with a grade of "C" or better.  
**Corequisite:** RCP-83  
**Lec 3 Hrs
Advanced critical care strategies including interpretation of airway flow and waveform graphics are reviewed. Laboratory data, radiographic results, acid-base balance, and kidney function are analyzed related to ventilation status. Indications and hazards of intubation, chest drainage, fiberoptic bronchoscopy, and in-hospital transport from infancy through adulthood are discussed. Advanced ventilator applications and weaning strategies are discussed, and cardiopulmonary pharmacology is reinforced. Patient and family education and support are promoted.  

[RCP 72 with a grade of "C" or better.  
**Corequisite:** RCP-83  
**Lec 2 Hrs
Critical thinking strategies are utilized as students actively participate in case study discussions. Emphasis is on developing and evaluating plans of care for patients with a variety of respiratory conditions encountered in multiple health care settings.  

RCP-88. SUPERVISED PRACTICE: ADVANCED  (P)  
**Prerequisite:** RCP-73 with a grade of "C" or better.  
**Corequisite:** RCP-80; RCP-81; RCP-82; RCP-84  
Lab 12 Hrs
Advanced respiratory care practitioner skills, including waveform analysis and ventilator adjustments, are practiced in the lab and clinical setting. Integration and mastery of skills learned in previous semesters is expected, ensuring competence. Communication, leadership, and management skills are demonstrated in a variety of clinical settings.  

[RCP 74 with a grade of "C" or better.  
**Corequisite:** RCP-83  
**Lab 1.50 Hrs
Fourth-semester respiratory care students reinforce content presented within the scope of the respiratory care program. The course is individualized for each student based on his/her identified learning needs. This course provides the student the opportunity to discuss theoretical concepts and practice critical skills to increase student success within the respiratory care program.  

[RCP 50, 51, 52, 53, 54)  
**Series course** (RCP 50, 51, 52, 53, 54)  
**Admission to the RCP program or permission of the Director of the RCP program following withdrawal from a failure in any RCP 50 series course. **
**Corequisite:** RCP-74 with a grade of "C" or better.  
**Corequisite:** RCP-83  
**Lab 1.50 Hrs
Designed for first semester respiratory care practitioner students interested in reinforcing content presented in RCP 50 series courses. The course is individualized for each student based on identified learning needs. The value of competency based education in respiratory care practice is emphasized. OTHER: Admission to the RCP program or permission of the Director of the RCP program following withdrawal from a failure in any RCP 50 series course (RCP 50, 51, 52, 53, 54).  

[RCP 50, 51, 52, 53, 54)  
**Series course** (RCP 50, 51, 52, 53, 54)  
**Admission to the RCP program or permission of the Director of the RCP program following withdrawal from a failure in any RCP 50 series course. **
**Corequisite:** RCP-74 with a grade of "C" or better.  
**Corequisite:** RCP-83  
**Lab 1.50 Hrs
Designed for second semester respiratory care practitioner students interested in reinforcing content presented in RCP 60 series courses. The course is individualized for each student based on identified learning needs. The value of competency based education in respiratory practice is emphasized.  

[RCP 110, RCP-50, RCP-51, RCP-52, RCP-53 and RCP-54 with a grade of "C" or better.  
**Corequisite:** RCP-83  
**Lab 1.50 Hrs
Designed for second semester respiratory care practitioner students interested in reinforcing content presented in RCP 60 series courses. The course is individualized for each student based on identified learning needs. The value of competency based education in respiratory practice is emphasized.  

Please visit the Hartnell PAWS page on our home webpage for the most current list of courses: www.hartnell.edu
RCP-227. SUCCESS STRATEGIES FOR 3RD SEMESTER

RCP STUDENTS (P)
Corequisite: RCP-74
Lab 1.50 Hrs
Designed for respiratory care practitioner students interested in reinforcing content presented in RCP 70 series courses. The course is individualized for each student based on identified learning needs. The value of competency based education in respiratory practice is emphasized. Other: Permission of the Director of RCP program following withdrawal or failure in RCP 70 series courses (RCP 70, 71, 72, 73, 74).

4022 M 02:00PM-04:05PM T. Ho B222 .50

RCP-228. SUCCESS STRATEGIES FOR 4TH SEMESTER

RCP STUDENTS (P)
Corequisite: RCP-84
Lab 1.50 Hrs
Designed for respiratory care practitioner students interested in reinforcing content presented in RCP 80 series courses. The course is individualized for each student based on identified learning needs. The value of competency based education in respiratory practice is emphasized. Other: Permission of the Director of RCP program following withdrawal or failure in RCP 80 series courses (RCP 80, 81, 82, 83, 84).

4023 M 09:00AM-10:25AM T. Ho B222 .50

SCI-124. SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM) INTERNSHIP PREPARATION (G)
Lec 1 Hr
This course provides assistance for students to develop knowledge, skills, and attitudes for success in Science, Technology, Engineering and Mathematics (STEM) internship programs. Student preparation will focus on identification of and application for internships, abstract writing, poster creation, data analysis, project management, presentation delivery, and discipline specific skills. Prospective interns will work to develop attitudes that promote discussion, observation, teamwork, network building, and personal confidence.

1175 T 06:00PM-06:50PM STAFF A113 1.00

SOCIOLOGY

SOC-1. INTRODUCTION TO SOCIOLOGY (G)
Lec 3 Hrs
Sociology is the scientific study of the relationship between the individual and society. Sociological concepts, theoretical approaches, and methods are examined. Topics included the analysis and explanation of social structure, group dynamics, socialization, inequality, social stratification, globalization, social change, demography and urbanization. Course objectives include the ability to make sociology relevant and applicable to students’ everyday lives.

[CSU; UC; CSU-GE, AREA D0; IGETC, AREA 4] [C-ID SOCI 110]

2114 WF 11:00AM-12:15PM H. Jimenez A113 3.00
2109 ONLINE M. White INT 3.00
Section 2109 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org.portal and follow instructions. Contact instructor via email at mwhite@hartnell.edu for further information.
2110 ONLINE M. White INT 3.00
Section 2110 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org.portal and follow instructions. Contact instructor via email at mwhite@hartnell.edu for further information.
2116 ONLINE J. Villagrana INT 3.00
Section 2116 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org.portal and follow instructions. Contact instructor via email at jvillagrana@hartnell.edu for further information.
6070 M 06:00PM-09:10PM H. Jimenez SOHS 3.00
Section 6070 is offered at Soledad High School, 425 Gabilan Dr., Room 405, Soledad.

SOC-5. INTRODUCTION TO SOCIAL PROBLEMS (G)
Advisory: Eligibility for ENG-1A SOC-1
Lec 3 Hrs
This course is a sociological analysis of social problems in the United States. It analyzes how sociologist understand, identify, and address social problems. Social problems include racism, sexism, poverty, crime immigration, health, aging, family, education, the environment to urbanization. Examination and evaluation of sociological perspectives are applicable to improve student's understand of social problems.

[CSU; UC; CSU-GE, AREA D0; E; IGETC, AREA 4] [C-ID SOCI 115]

2112 TTh 09:30AM-10:45AM H. Jimenez E309 3.00
2119 Th 06:00PM-09:05PM A. Ulibarri D267 3.00
Section 2119 meets 16 weeks, 2/1/16-5/28/16.
7606 MW 12:30PM-01:45PM E. Strayer AC-C107 3.00
Section 7606 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
2117 ONLINE J. Villagrana INT 3.00
Section 2117 is offered as a web-based course. Students can login starting Thursday, January 21, at myetudes.org.portal and follow instructions. Contact instructor via email at jvillagrana@hartnell.edu for further information.
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<td>SOC-15. SOCIOLOGY OF IMMIGRATION AND IDENTITY IN THE U.S. (G)</td>
<td>Lec 3 Hrs</td>
<td>An introduction to the sociological study of immigration and settlement in the United States. Particular emphasis is given to the historical, social, economic, and political factors shaping migration, immigration, and transnationalism. Topics include acculturation, incorporation, assimilation, inter-ethnic relations, identity pressures, stereotypes and discrimination, immigration policy, struggles for equality, labor force participation, unauthorized immigrants, and unaccompanied children. Special attention is given to how race, age, gender, class, and immigration status shape immigrants identities and experiences. [CSU; UC]</td>
<td>2118 TTh 12:30PM-01:45PM H. Jimenez</td>
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<td>3.00</td>
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<tr>
<td>SOC-41. MARRIAGE AND THE FAMILY (G)</td>
<td>Lec 3 Hrs</td>
<td>Examines the family as a social institution with an emphasis on contemporary theory and research findings pertinent to family life. Topics include trends in family form, issues, problems, and functioning of the family in American society, as well as family organization in different ethnic, cultural, and historic settings. [CSU; UC; CSU-GE, AREA D0, E; IGETC, AREA 4] [C-ID SOCI 130]</td>
<td>2120 W 06:00PM-08:50PM M. White</td>
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<td>SOC-42. THE SOCIOLOGY OF MINORITY RELATIONS (G)</td>
<td>Lec 3 Hrs</td>
<td>An examination of dominant minority group relations in the United States, with emphasis on contemporary America. The experiences of minority groups, including Latinos, African-Americans, Asian-Americans, and Native Americans, will be considered from various sociological perspectives. [CSU; UC CSU-GE, AREA D0, D1; IGETC, AREA 4] [C-ID SOCI 150]</td>
<td>6038 Th 09:00AM-11:50AM K. Bishop</td>
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Section 6038 is offered at King City Education Center, 117 N. Second St., King City.

2113 TTh 08:00AM-09:15AM H. Jimenez | E309 | 3.00 |

**SPANISH**

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<td>SPA-1. ELEMENTARY SPANISH (G/P)</td>
<td>Lec 5 Hrs</td>
<td>Fundamentals of Spanish with emphasis on the development of listening, speaking, reading, and writing skills, with Spanish as the primary language of instruction. Language acquisition will be enhanced by exposing students to the life, people, and cultures of the Spanish speaking world. Course designed for students with no prior background in Spanish. Not open to students who have completed SPA-1S or SPA-1X or SPA-1A and SPA-1B with a grade of &quot;C&quot; or better. [CSU; UC; CSU-GE; AREA C2; IGETC, AREA 6] [C-ID SPAN 100]</td>
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<td>SPA-1S. ELEMENTARY SPANISH FOR SPANISH SPEAKERS (G/P)</td>
<td>Lec 5 Hrs</td>
<td>A parallel Spanish 1 course for Spanish speakers, conducted totally in Spanish with emphasis on grammar and writing. An oral command of the Spanish language required. Not open to students who have completed SPA-1 or SPA-1X with a grade of &quot;C&quot; or better. [CSU; UC CSU-GE AREA C2, IGETC, AREA 6] [C-ID SPAN 100]</td>
<td>5405 MWF 08:00AM-09:20AM J. Flores</td>
<td>E311</td>
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<td>SPA-1X. ELEMENTARY SPANISH FOR CHICANO STUDENTS (G/P)</td>
<td>Lec 5 Hrs</td>
<td>A parallel Spanish 1 and Spanish 1S course designed for English-dominant Chicano students whose home languages include Spanish. This course will serve any student who has an auditory comprehension and a basic oral command of Spanish. Course conducted primarily in Spanish with emphasis on speaking, reading, writing, and grammar. Not open to students who have completed SPA-1 or SPA-1S or SPA-1A and SPA-1B with a grade of &quot;C&quot; or better. [CSU; UC]</td>
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**ADVISORY FOR WEB-BASED AND HYBRID COURSES**

Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
### SPA-2. ELEMENTARY SPANISH (G/P)
**Prerequisite:** Spanish 1X or Spanish 1S or Spanish 1 or two years of high school Spanish with a grade of C or higher, or demonstration of language proficiency to level. All prerequisites must be completed with a grade of C or better.

**Lec 5 Hrs**
Continuation of SPA-1 with further development of listening, speaking, reading, and writing skills, with Spanish as the primary language of instruction. Language acquisition will be enhanced by exposing students to the life, people, and cultures of Spanish SPA-2S or SPA-2X with a grade of "C" or better.

**[CSU; UC; CSU-GE, AREA C2, IGETC, AREA 6]**

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### SPA-2S. ELEMENTARY SPANISH FOR SPANISH SPEAKERS (G/P)
**Prerequisite:** SPA-1S or SPA-1X or SPA-1, or demonstration of language proficiency to level. All prerequisites must be completed with a grade of "C" or better.

**Lec 5 Hrs**
A parallel Spanish 2 and Spanish 2X course designed for Spanish speakers. This course is conducted totally in Spanish with emphasis on reading, writing, and grammar. Not open to students who have completed Spanish SPA-2 or Spanish SPA-2X with a grade of "C" or better.

**[CSU; UC; CSU-GE, AREA C2; IGETC, AREA 6]**

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### SPA-2X. ELEMENTARY SPANISH FOR CHICANO STUDENTS (G/P)
**Prerequisite:** Spanish 1X or Spanish 1S or Spanish 1, or demonstration of language proficiency to level. This proficiency is determined according to Hartnell College's Prerequisite Clearance and Challenge processes. All prerequisites must be completed with a grade of C or better.

**Lec 5 Hrs**
A parallel SPA-2 and SPA-2S course designed for English dominant Chicano students whose home languages include Spanish. This course will serve any student whose first language is not Spanish, but who has an oral command of Spanish. This course is conducted primarily in Spanish with emphasis on speaking, reading, writing, and grammar. Not open to students who have completed SPA-2 or SPA-2S with a grade of "C" or better.

**[CSU; UC; CSU-GE, AREA C2; IGETC, AREA 6]**

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### SPA-3S. INTERMEDIATE SPANISH FOR SPANISH SPEAKERS (G/P)
**Prerequisite:** Spanish 2S or Spanish 2X or Spanish 2, or demonstration of language proficiency to level. This proficiency is determined according to Hartnell College's Prerequisite Clearance and Challenge Processes. All prerequisites must be completed with a grade of C or better.

**Lec 5 Hrs**
A parallel SPA-3 course for Spanish speakers, conducted totally in Spanish with further emphasis on grammar, reading, and writing, including a strong cultural and literary component. Not open to students who have completed SPA-3 with a grade of "C" or better.

**[CSU; UC; CSU-GE, AREA C2; IGETC, AREA 3B, 6]**

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### SPA-4S. INTERMEDIATE SPANISH FOR SPANISH SPEAKERS (G/P)
**Prerequisite:** Spanish 3S or Spanish 3, or demonstration of proficiency to level. This proficiency is determined according to Hartnell College's Prerequisite Clearance and Challenge processes. All prerequisites must be completed with a grade of C or better.

**Lec 5 Hrs**
A parallel SPA-4 course for Spanish speakers conducted totally in Spanish with further emphasis on advanced grammar, intensive reading and writing, including a strong cultural and literary component. Not open to students who have completed SPA-4 with a grade of "C" or better.

**[CSU; UC CSU-GE, AREA C2; IGETC, AREA 3B, 6]**

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### THEATRE ARTS

### THA-1. INTRODUCTION TO THEATRE (G)
**Lec 3 Hrs**
Provides the student with a basic definition of theatre, its historical foundations, genres, and current production practices leading to an appreciation of theatre. Students will be required to attend theatre performances for education and edification. Introduction to Theatre is required of all theatre arts majors.

**[CSU; UC CSU-GE, AREA C1, IGETC, AREA 3]**

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<td>J. McGrath</td>
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THA-3. HISTORY OF THE THEATRE

Lec 3 Hrs
The study of the history of theatre from the Origins of Theatre through the 17th Century. The history and development of theatre and drama are studied in relationship to cultural, political and social conditions of the time. Plays are read for analysis of structure, plot, character and historical relevance.

[CSU; UC; CSU-GE, AREA C1; IGETC, AREA3]
[C-ID THTR 113]
2420 M 06:30PM-07:45PM M. Glazier K118 3.00
ONLINE M. Glazier INT
Section 2420 is offered as a hybrid. Some of the teacher-student contact hours will be conducted at a distance. If you have any questions, please contact the instructor via email at mglazier@hartnell.edu. Students can login for the Distance Ed portion starting Tuesday, January 21, at myetudes.org/portal.

THA-7. DEVISED THEATRE PERFORMANCE - CREATION WORKSHOP

Lec 2 Hrs; Lab 3 Hrs
Explores social needs and provides an overview of devising strategies in the theatre to address those needs. Students will explore the history of devised theatre, including happenings, creative collaboration, social-practice theatre/arts, and actor-generated theatre- and will study contemporary developments and applications of devised theatre methodologies. Students will develop skills and strategies for creating their own socially-conscious performance works. Course will culminate in an original, collaborative devised theatre production, with potential for service learning public presentation and with potential for entry in regional KCACTF Devised Theatre competition.

2428 MW 03:30PM-05:45PM M. Glazier K116 3.00

THA-10. ACTING I

Lec 2 Hrs; Lab 3 Hrs
Prepares a student to apply basic acting theory to performance and develops the skills of interpretation of drama through acting. Special attention is paid to skills for performance: memorization, stage movement, vocal production, and interpretation of text. Attendance of a live performance for the purpose of evaluation.

[CSU; UC] [C-ID THTR 151]
2423 TTh 09:30AM-11:45AM D. Beasley K116 3.00
6072 TTh 06:00PM-08:15PM M. Glazier SOHS 3.00
Section 6072 is offered at Soledad High School, 425 Gabilan Dr., Room 401, Soledad.

THA-11. ACTING II

Prerequisite: THA-10 with a grade of "C" or better.
Lec 2 Hrs; Lab 3 Hrs
Follows Acting I and continues the exploration of theories and techniques used in preparation for the interpretation of drama through acting. The emphasis will be placed on deepening the understanding of the acting process through character analysis, monologues, and scenes. Attendance of a live performance for the purpose of evaluation.

[CSU; UC] [C-ID THTR 152]
2424 TTh 09:30AM-11:45AM J. McGrath K104 3.00
6078 TTh 06:00PM-08:15PM M. Glazier SOHS 3.00
Section 6078 is offered at Soledad High School, 425 Gabilan Dr., Room 401, Soledad.

THA-50. VIDEO PRODUCTION LAB - SINGLE CAMERA

Lec 2 Hrs; Lab 3 Hrs
The course provides an introduction to the theory, terminology, and operation of single camera video production, including composition and editing techniques, camera operation, portable lighting, video recorder operation, audio control and basic editing. This course focuses on the aesthetics and fundamentals of scripting, producing, directing on location, postproduction, and exhibition/distribution.

[CSU; UC]
2427 TTh 06:00PM-08:15PM J. Glazier B203 3.00

THA-51. DIRECTING

Advisory: Eligibility for ENG-1A
Lec 2 Hrs; Lab 3 Hrs
An introduction to theatrical directing. Includes the process of preparing and analyzing a script for production, casting the show, blocking and rehearsing actors, and dealing with technical and promotion needs, it also includes directing scenes and preparing a prompt book.

[CSU; UC]
2429 TTh 09:30AM-11:45AM J. McGrath K104 3.00

THA-52. PLAYWRITING AND SCREENWRITING

Advisory: Eligibility for ENG-1A
Lec 3 Hrs
An introduction to the fundamentals of the craft of dramatic writing. Elements of plot construction and character development are emphasized through writing exercises, superior models of drama, and drafting and revision of an original script for stage or screen. Attending an out-of-class live drama performance and viewing an original screenplay may be required.

[CSU; UC]
2425 TTh 02:00PM-03:15PM M. Glazier E319 3.00
6079 W 02:00PM-04:50PM S. Burns KCC108A 3.00
Section 6079 is offered at King City Education Center, 117 N. Second St., King City.
THA-91B. NEW WORKS PROJECT: IMPLEMENTATION AND PRACTICE (P)
This course will guide a previously identified concept/text for a new theatrical work through additional stages of drafting and revisions. Development may include adaptation of non-dramatic text into dramatic form, drafting of a play from an original idea; putting scenes from a dramatic text into workshops to determine its potential as a musical; improvisation to suggest new treatments, etc. [CSU; UC]

9000 To be arranged STAFF K116 1.00
Section 9000 meets for 12 weeks 02/02/2016 - 04/17/2016. Section 9000 is linked to projects and productions and is open by audition only. Call for information (831)755-6987 before enrolling.

THA-23. INTRO TO MUSICAL THEATRE PRODUCTION (P)
Prerequisite: Audition needed.
Lec 2 Hrs; Lab 3 Hrs
An introduction to the production of the musical play with attention to directorial concept, script analysis, design elements, and performance techniques; culminating in participation in performance of a fully realized musical theatre production. [CSU; UC] [C-ID THTR 191]

9000 To be arranged STAFF K104 3.00
Section 9000 meets for 12 weeks 02/02/2016 -05/1/2016. Section 9000 is linked to projects and productions and is open by audition only. Call for information (831)755-6987 before enrolling.

WELDING

WLD-52. SHEET METAL FABRICATION (G/P)
Lec 1 Hr; Lab 3 Hrs
Introduction and basic training in sheet metal forming, fastening and pattern making skills. Students learn to develop patterns and fabricate a variety of sheet metal projects. Skills training in the safe and proper use of sheet metal related equipment [CSU]

7071 W 12:00PM-03:50PM A. Graham III AC-B123 2.00
Section 7071 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

WLD-53. WELDING FABRICATION (G/P)
Prerequisite: WLD-150 or WLD-151 with a grade of “C” or better.
Lec 1 Hr; Lab 3 Hrs
Practical experience in metal fabrication, production welding and maintenance welding techniques. Study and practice in measurement, blue print reading, layout techniques, material selection, weight and cost estimation. Students are assigned various fabrication projects on industrial and agricultural equipment that require the use of the oxy-fuel, plasma, GMAW and GTAW processes. [CSU]

7073 M 12:00PM-04:05PM M. Davis AC-B112 2.00
Section 7073 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.

WLD-54. ADVANCED ARC WELDING (G/P)
Prerequisite: WLD-150 or WLD-151 with a grade of “C” or better.
Lec 1 Hr; Lab 3 Hrs
Advanced study of theory and practice of SMAW, GTAW, GMAW, FCAW, and various cutting practices. A course designed to prepare students for qualification in welding methods used in the agriculture, construction, pipeline and pressure vessel welding industries. Emphasis on destructive and nondestructive testing. [CSU]

7072 M 05:00PM-09:05PM M. Davis AC-B112 2.00
Section 7072 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.
WLD-57. PIPE WELDING  
**Prerequisite:** WLD-150 or WLD-151 with a grade of "C" or better.  
**Lec 1 Hr; Lab 3 Hrs**  
Advanced study in SMAW and GTAW with full emphasis on pipe welding techniques. Students practice welding in the 2G, 5G and 6G positions on pipe and tubing.  
[CSU]  
7074 Th 09:00AM-12:50PM M. Davis AC-B112 2.00  
Section 7074 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  

WLD-58. HARDFACING AND SURFACING  
**Prerequisite:** WLD-150 with a grade of "C" or better.  
**Lec 1 Hr; Lab 3 Hrs**  
Advanced study in arc welding methods with full emphasis on the practice of hardfacing and surfacing techniques used in the agricultural and construction industries. Student will practice applying surfacing with a variety of hardfacing electrodes using SMAW, OFW, FCAW and spray surfacing methods.  
[CSU]  
7070 T 01:00PM-04:50PM M. Davis AC-B112 2.00  
Section 7070 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  

WLD-99. OCCUPATIONAL COOPERATIVE WORK  
**EXPERIENCE EDUCATION**  
**G/P**  
Designed for students employed or volunteering in a field related to their college major or career goals to assist them in the development of skills and responsibilities related to their career choice. Structured objectives are developed and agreed upon by the student, college instructor, and employer. Students are eligible to earn 1 unit for 60 hours of volunteer work or for 75 hours of paid work. A maximum of four credit hours per semester may be earned up to a total of 16 semester credit hours in the Parallel Plan. A maximum of eight credit hours may be earned during one enrollment period up to a total of 16 semester credit hours for the Alternate Plan.  
7077 To be arranged M. Davis 1.00  

WLD-150. BASIC WELDING  
**Lec 1 Hr; Lab 3 Hrs**  
Introductory level study and safe practice in shielded metal arc welding, gas metal arc welding and oxy-fuel cutting of steel materials. Introduction to metallurgy, metal identification, destructive and non-destructive weld testing, welding symbols and basic practices in metal repair and maintenance. A service course for other trades.  
7076 T 09:00AM-12:50PM T. Forgetter AC-B112 2.00  
Section 7076 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  
7075 T 06:00PM-09:50PM J. Dorantes-AC-B112 2.00  
Section 7075 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  
7079 W 01:00PM-04:50PM T. Forgetter AC-B112 2.00  
Section 7079 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  

WLD-151. GAS & TIG WELDING  
**Lec 1 Hr; Lab 3 Hrs**  
Introductory level study and safe practice in oxy-acetylene and gas tungsten arc welding. Emphasis will be placed on the out of position welding of steel, aluminum and stainless steel joints and pipe fittings. Included will be study of ferrous and nonferrous metallurgy and common practices of metal repair and maintenance.  
7080 Th 01:00PM-01:50PM B. Cheung AC-B112 2.00  
Th 02:00PM-04:50PM B. Cheung AC-B112  
Section 7080 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  
7081 Th 06:00PM-06:50PM B. Cheung AC-B112 2.00  
Th 07:00PM-09:50PM B. Cheung AC-B112  
Section 7081 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  

WLD-155. ORNAMENTAL IRONWORK  
**Lec 1 Hr; Lab 3 Hrs**  
Introductory level study to the practical application of traditional and modern metal working techniques. Focus is on the history, development and present day practices used in the fabrication of architectural ornamental ironwork. Emphasis is on applied safety and process fundamentals including mig welding, oxy-fuel and plasma cutting, metal forming and traditional hot forging practices. WLD 150 (previously WLD 50) and or WLD 151 (or previously WLD 51).  
7096 W 09:00AM-09:50AM M. Davis AC-B112 2.00  
W 10:00AM-12:50PM M. Davis AC-B112  
Section 7096 is offered at Alisal Campus, 1752 E. Alisal St., Salinas.  

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**ADVISORY FOR WEB-BASED AND HYBRID COURSES**  
Students taking web-based and hybrid courses must have basic computer skills for operating Microsoft Word and e-mail, including sending attachments and files. Students also need access to the Internet and must have adequate hardware and software capabilities. Access to computers is also available at the Hartnell College Library/LRC. Students can login for the Distance Ed portion at myetudes.org/portal and follow instructions.
ADMISSIONS & ENROLLMENT INFORMATION

Student Status

First Time Student at any College – You are a new student if you have never enrolled in classes at any college, or if you are currently a K-12 student you are a Concurrent Student.

First Time Transfer Student – You are a new student if you have attended another college, but have NEVER been enrolled at Hartnell College.

Returning Former Student – You are a returning student if you have attended Hartnell College, but not in the past year.

Returning Transfer Student – You are a returning transfer if you have previously been enrolled at Hartnell College, and are now returning after attending another college.

Continuing Student – Any student (excluding K-12) who was enrolled at Hartnell College in the Fall 2015 semester.

Nonresident Tuition Exemption
In 2001 the California legislature passed a law (AB540) that exempts certain categories of students from paying nonresident tuition. In 2012, AB1899 was enacted into law exempting holders of T and U visas from paying nonresident tuition. Also in 2014, AB 2000 was enacted amending Education Code section the school attendance requirement of AB540. To see the new criteria and to complete the new AB540 and AB2000 Nonresident Tuition Exemption form found in the schedule of classes or online in the Admissions & Records webpage.

Remember!

If you enroll in a class and decide not to attend, you MUST drop the class using PAWS on-line registration. The instructor’s signature is NOT required to drop.

If you do not drop a class, you will be charged for it, and you could receive an “F” grade that will remain on your permanent transcript.

Dropping is NOT an automatic process!
It is your responsibility to keep your academic record accurate.

Cashier’s Hours

<table>
<thead>
<tr>
<th>Month</th>
<th>Dates</th>
<th>Monday –Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>January</td>
<td>11-15</td>
<td>8:30am-5:30pm</td>
<td>8:30am-4:30pm</td>
</tr>
<tr>
<td></td>
<td>January 19-20</td>
<td>8:30am-5:30pm</td>
<td>8:30am-4:30pm</td>
</tr>
<tr>
<td>January</td>
<td>21-22</td>
<td>8:30am-6:00pm</td>
<td>8:30am-4:30pm</td>
</tr>
<tr>
<td></td>
<td>January 25-29</td>
<td>8:30am-6:00pm</td>
<td>8:30am-4:30pm</td>
</tr>
<tr>
<td>February</td>
<td>1-5</td>
<td>8:30am-4:30pm</td>
<td>8:30am-1:00pm</td>
</tr>
</tbody>
</table>

Withdrawing from School
If you find that you need to withdraw from Hartnell during the Spring 2016 semester, we highly encourage you to see a Hartnell College Counselor prior to making your decision. Withdrawing from school may impact your academic record. We highly recommend that you stop by the Financial Aid Office if you have any questions regarding withdrawing from school if you received any financial aid during the semester.

You may withdraw from all your classes as long as you do not have a “hold” on your academic record. You may withdraw by using PAWS for Students online registration system or in-person at the Admissions & Records Office.
Spring 2016 PRIORITY REGISTRATION

Your registration priority group and registration date are determined by the completion of the 3 Core Services (Assessment, Orientation, and Student Education Plan), the number of units completed and in-progress at Hartnell Community College District, and maintaining good academic standing.

The California Community College Board of Governors approved a policy change to establish system-wide registration priorities in an effort to improve student success. Students now register for courses according to an enrollment priority system as defined by Title 5 regulations and the Hartnell Community College District.

<table>
<thead>
<tr>
<th>Priority Group</th>
<th>DESCRIPTION</th>
<th>Student Success &amp; Support Program (SSSP) CORE SERVICES</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Only units completed at Hartnell through Summer 2015 are used in determining priority registration.</td>
<td>ASSESSMENT</td>
</tr>
<tr>
<td>Priority Group: 01</td>
<td><strong>Continuing &amp; First Time Students</strong> in good standing and who are fully matriculated participating in the following programs will receive first priority: Foster Youth (including former foster youth students), Veterans including active duty, EOPS, DSPS, and CalWorks.</td>
<td>✓</td>
</tr>
<tr>
<td>November 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Group: 02</td>
<td><strong>Continuing &amp; First Time Students</strong> in good standing and who are fully matriculated participating in the following programs will receive second priority: Student Athletes, TRIO Program, and DSPS Note Takers.</td>
<td>✓</td>
</tr>
<tr>
<td>November 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priority Group: 03</td>
<td><strong>Continuing &amp; First Time Students</strong> in good standing and who are fully matriculated will receive third priority:</td>
<td>✓</td>
</tr>
<tr>
<td>November 4- November 12</td>
<td>Nov 4–Continuing students who have completed 32.0-60.9 units</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nov 5–Continuing students who have completed 15.0 -31.9 units</td>
<td></td>
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<tr>
<td></td>
<td>Nov 6–Continuing students who have completed 61.0-99.0 units</td>
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<tr>
<td></td>
<td>Nov 9–Continuing students who have completed .3 -14.9 units</td>
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<tr>
<td></td>
<td>Nov 10–Cont. &amp; First Time students who have completed 0.0 -.29 units</td>
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<tr>
<td></td>
<td>Nov 12–Continuing Students who have completed 100+ units</td>
<td></td>
</tr>
<tr>
<td>Priority Group: 04</td>
<td><strong>Continuing students who have lost their priority eligibility, Non-matriculated New &amp; Returning Students</strong></td>
<td>3 core services have not been completed</td>
</tr>
<tr>
<td>November 13</td>
<td>Students must submit an online Application for Admission between October 1st and November 11th to be eligible to register beginning on November 13. Applications received on or after November 12th will be eligible to register 24 hours after submitting an Application for Admission.</td>
<td></td>
</tr>
<tr>
<td>Priority Group: 05</td>
<td><strong>Concurrent Enrollment (K-12) Students</strong></td>
<td>3 core services have not been completed</td>
</tr>
<tr>
<td>January 11, 2016</td>
<td>Concurrent students must submit an online Hartnell Application for Admission and approved Concurrent Enrollment form before Thursday January 7, 2016 to be eligible to register online beginning on January 11th.</td>
<td></td>
</tr>
</tbody>
</table>

The priority date shown above is the first day that a student is eligible to register based on their student type. Students may continue to register any day after their priority registration date until the last day to register which is Tuesday, January 19, 2016 at 11:59pm.

**CLASSES BEGIN THURSDAY, JANUARY 21, 2016**

*Continuing Students who began attendance before FALL 2014 are not subject to newly mandated requirements.

**Fully Matriculated – must have completed Orientation, Assessment, and have an Ed-Plan on file before registration priorities are assigned.
Priority Registration Changes: Effective Fall 2014

The California Community Colleges Board of Governors has approved a new Title V regulation that requires Hartnell College and all other California community colleges to implement changes in priority registration by the fall of 2014. The changes will establish system-wide enrollment priorities designed to ensure classes are available for students seeking job training, degree attainment or transfer and to reward students who make progress toward their educational goals.

New students who have completed college orientation, assessment and developed a comprehensive educational plan as well as continuing students who have completed all of the following:

- orientation
- assessment
- developed a comprehensive educational plan
- are in good academic standing and
- have not exceeded 100 degree applicable units (excluding 200 level courses and ESL courses) will have an earlier priority registration date than students who do not meet these criteria.

If you have questions, please contact the Admissions & Records Office.

Loss of Priority Registration:
Students with the exception of foster youth or former foster youth, will lose registration priority at the first available registration after;

a. They are placed on academic or progress probation, or any combination thereof, for two consecutive terms.
b. Have earned one hundred (100) or more degree-applicable units in the District; however, 200 level courses and ESL courses do not count toward the 100 units.

Appealing Loss of Registration Priority:
If a student loses priority registration based on exceeding the 100-unit limit, or being placed on academic or progress probation for any extenuating circumstances (verifiable accident, illness or other circumstances beyond the control of the student), the student may appeal to have priority registration reinstated. The Loss of Enrollment Priority and/or BOGW Fee Waiver Appeal form which includes the appeal criteria and the process can be found on the College’s website at www.hartnell.edu/admissions-and-records-forms

BOGW Fee Waiver Changes Effective Fall 2016

Once you've qualified for the BOGW Fee Waiver, it is important to ensure that you are meeting the academic and progress standards in order to avoid losing the fee waiver.

Loss of BOGW Fee Waiver:
Students with the exception of foster youth or former foster youth, will lose their BOGW Fee Waiver at the first available registration after;

a. They are placed on academic or progress probation, or any combination thereof, for two consecutive terms.
b. Have earned one hundred (100) or more degree-applicable units in the District; however, 200 level courses and ESL courses do not count toward the 100 units.

You will be notified within 30 days of the end of each term if you are being placed on either Academic (GPA) and/or Progress probation. Your notification will include the information that a second term of probation will result in loss of fee waiver eligibility. After the second consecutive term of probation, you may lose eligibility for the fee waiver at your next registration opportunity.

If you have questions, please contact the Financial Aid Office.

Appealing Loss of BOGW Fee Waiver:
If a student loses their fee waiver based on being placed on academic or progress probation for any extenuating circumstances (verifiable accident, illness or other circumstances beyond the control of the student), the student may appeal to have their BOGW Fee Waiver reinstated. The Loss of Enrollment Priority and/or BOGW Fee Waiver Appeal form which includes the appeal criteria and the process can be found on the College’s website at www.hartnell.edu/financial-aid

NOTE: The loss of BOGW Few Waiver criteria is NOT the same as the federal Satisfactory Academic Progress (SAP) process and the SAP appeal process is different from the Loss of BOGW Fee Waiver process.

You will be notified within 30 days of the end of each term if you are being placed on either Academic (GPA) and/or Progress probation. Your notification will include the information that a second term of probation will result in the loss of registration priority and the loss of fee waiver eligibility. In addition, you will be notified of the appeal process. After the second consecutive term of probation, you will lose eligibility for the fee waiver at your next registration opportunity.
STEP 1: APPLY

a) Complete and submit an Application for Admission.
Apply on-line at www.hartnell.edu or download the PDF Application and submit to the Admissions and Records Office by mail, fax, or in person.
*If applicable, complete the California Nonresident Tuition Exemption Request.
b) Apply for Financial Aid. Apply on line at https://fafsa.ed.gov/ or complete the Board of Governors Fee Waiver (BOGW) application and submit to the Financial Aid Office. For any questions call the Financial Aid office at (831)755-6806.

STEP 2: ORIENTATION

Orientation is required if enrolling in 6.0 or more units unless you qualify for an Orientation Exemption. Please see a Hartnell Counselor for an Orientation Exemption.
Start the Hartnell Online Orientation at hartnell.edu
If you need more comprehensive preparation for academic success consider registering for a Counseling 1-Student Success Seminar Course. These courses assist students in college success and are UC/CSU accepted.

STEP 3: ASSESSMENT

Make an appointment and complete the STAAR* Assessment. Assessment is required if enrolling in 6.0 or more units or an English (including ESL) or Math course unless exempt. Call (831) 759-6054 for an appointment at least two weeks before registering.
The assessment test is very important in determining your course sequences. Be sure to prepare for the assessment test. Student guides and sample questions are available at: http://professionals.collegeboard.com/profdownload/accuplacer-sample-questions-for-students.pdf
or http://www.aims.edu/student/testing/studyguides/colalg.pdf

STEP 4: COUNSELING:

Develop an Educational Plan
All students must meet with a Counselor or attend a counseling workshop to discuss their academic goals and to develop an educational plan. All students are required to have a comprehensive educational plan (a plan that outlines courses the student must take to complete their educational goal) by the 15 degree applicable unit mark. Completing the educational plan is mandatory for students in order to maintain their enrollment priority and register for courses. A student may be exempted from Counseling and having an educational plan (see exemption criteria). Students may schedule a counseling appointment in three different ways. Students may call the Counseling Department at (831) 755-6820; schedule an appointment online at: http://www.hartnell.edu/online-counseling-appointments; or visit the Counseling Department in person in the Student Services building, First Floor, Office 129. For a schedule of counseling workshops visit: http://www.hartnell.edu/counseling-workshops-and-events

STEP 5: REGISTER

Register early, classes fill quickly
Register using PAWS for students at www.hartnell.edu.
Please consult the schedule of classes for dates and times.

STEP 6: PAY FEES

Pay all registration fees by the due dates to avoid being dropped for non-payment. Please see the payment deadline schedule.

STEP 7: HARTNELL COLLEGE CATCARD

Visit the Student Life Office to obtain or update your CatCard.
Present receipt of payment to the ASHC office located in the Student Center C-140.

STAY ON TRACK

Follow up with your counselor to make sure you’re on track to achieve your academic goals. Check into any student support programs you might be eligible for (EOPS/ CARE/ CALWORKS, TRIO, Veterans, Foster & Kinship Care, MESA, ACE, and others) to make sure you’re getting all the support you need.
AB 540 and AB 2000
California Nonresident Tuition Exemption
For Eligible California High School Graduates

GENERAL INFORMATION

Any student, other than one with a United States Citizenship and Immigration Services (USCIS) nonimmigrant visa status (see exception below for students who have been granted T or U visa status), who meets all of the following requirements, shall be exempt from paying nonresident tuition at the California Community Colleges, the University of California, and the California State University (all public colleges and universities in California).1

Requirements:

- The student must have:
  - attended a high school (public or private) in California for three or more years, or
  - attained credits earned in California from a California high school equivalent to three or more years of full-time high school course work and attended a combination of elementary, middle and/or high schools in California for a total of three or more years.2
  - The student must have graduated from a California high school or attained the equivalent prior to the start of the term (for example, passing the GED, HiSET, TASC, or the California High School Proficiency exam) and
  - The student must file an affidavit with the college or university stating that he or she has filed an application to legalize his or her immigration status, or will file an application as soon as he or she is eligible to do so.

- Students who are nonimmigrants who are victims of trafficking, domestic violence, and other serious crimes who have been granted T or U visa status, under Title 8 of the United States Code, sections 1101(a)(15)(T) or (U) are eligible for this exemption.3
- Students who are nonimmigrants, other than those with T or U visa status as noted above, [for example, those who hold F (student) visas, B (visitor) visas, etc.] are not eligible for this exemption.
- The student must file an exemption request including a signed affidavit with the college that indicates the student has met all applicable conditions described above. Student information obtained in this process is strictly confidential unless disclosure is required under law.
- Students eligible for this exemption who are transferring to another California public college or university must submit a new request (and documentation if required) to each college under consideration.
- Nonresident students meeting the criteria will be exempted from the payment of nonresident tuition, but they will not be classified as California residents. They continue to be “nonresidents”.
- The California Dream Act extends Cal Grant A and B Entitlement awards, Cal Grant C awards, Chaffee grants, and institutional financial aid to students that meet these criteria as well as the applicable criteria for eligibility for specific types of financial aid.
- AB540 does not provide federal student financial aid eligibility for undocumented students. These students remain ineligible for federal financial aid.

1 This exemption to the requirement to pay the nonresident tuition fee is often referred to “AB 540” after the Assembly Bill which enacted the exemption. (Ed. Code, § 68130.5.)
2 In 2014, Assembly Bill 2000 was enacted amending Education Code section 68130.5 to allow this additional flexibility in meeting the requirements for the exemption.
3 In 2012, Assembly Bill 1899 was enacted into law exempting holders of T and U visas from paying nonresident tuition. (Ed. Code, § 68122.)

PROCEDURES FOR REQUESTING THIS EXEMPTION FROM NONRESIDENT TUITION

California Community Colleges: Complete the form entitled California Nonresident Tuition Exemption Request. Submit it to the Admissions Office at the community college where you are enrolled or intend to enroll. You may be required to submit additional documentation. Call the college Admissions Office if you have questions.

University of California: The University of California (UC) campuses each have their own nonresident tuition exemption application and affidavit forms. Requests are not to be submitted until you have been admitted to a UC campus and have filed both a Statement of Intent to Register and also a Statement of Legal Residence. For campus-specific instructions regarding documentation and deadline dates, contact the campus personnel knowledgeable about AB 540 and AB 2000 classifications: http://undoc.universityofcalifornia.edu/campus-support.html

California State University: Complete the form on California Nonresident Tuition Exemption Request. Contact the Office of Admission and Records at the CSU campus where you are enrolled or intend to enroll for instructions on submission, deadline information, and additional requirements. You will be required to submit final high school transcripts and appropriate records of high school graduation or the equivalent, if you have not done so already. Call the Office of Admissions and Records at the campus if you have questions.
California Nonresident Tuition Exemption Request
For Eligible California High School Graduates

Note: This form is accepted by all California Community Colleges and all campuses in the California State University system; some University of California campuses will allow use of this form, but most require applicants to complete a campus-specific form to apply for AB 540 status.

Complete and sign this form to request an exemption from Nonresident Tuition. You must submit any documentation required by the College or University (for example, proof of high school attendance in California). Contact the California Community College, University of California, or California State University campus where you intend to enroll (or are enrolled) for instructions on required documentation, additional procedures and applicable deadlines.

ELIGIBILITY:
I, the undersigned, am applying for a California Nonresident Tuition Exemption for eligible California high school graduates at (specify the college or university) HARTNELL COLLEGE and I declare the following:

Check YES or NO boxes:
☐ Yes ☐ No I have graduated from a California high school or have attained the equivalent thereof, such as a High School Equivalency Certificate, issued by the California State GED Office or a Certificate of Proficiency, resulting from the California High School Proficiency Examination.

☐ Yes ☐ No I have either:
• attended high school in California for three or more years, or
• attained credits earned in California from a California high school equivalent to three or more years of full-time high school course work and attended a combination of elementary, middle, and/or high schools in California for a total of three or more years.

Specify the most recent three years of elementary, middle, and/or high schools you attended in California:

<table>
<thead>
<tr>
<th>School</th>
<th>City</th>
<th>State</th>
<th>Dates:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td>California</td>
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<td></td>
<td>California</td>
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</tr>
</tbody>
</table>

Documentation of applicable school attendance and high school graduation (or its equivalent) is required by the University of California, The California State University and some California Community Colleges. Follow campus instructions. (Hartnell does require high school/elementary/middle school transcripts)

Check the box that applies to you – check only one box:
☐ I am a nonimmigrant alien as defined by federal law and have been granted T or U visa status, under Title 8 of the United States Code, sections 1101(a)(15)(T) or (U). OR
☐ I am NOT a nonimmigrant alien. [U.S. citizens, permanent residents, Deferred Action for Childhood Arrivals (DACA) grantees, or aliens without lawful immigration status, among others, should check this box.] OR
☐ I am a nonimmigrant alien as defined by federal law. [Nonimmigrant aliens have been admitted to the United States temporarily and include, but are not limited to, foreign students (persons holding F visas) and exchange visitors (persons holding J visas)]. Do not check this box if you have been granted T or U visa status (check first box above).

AFFIDAVIT:
I, the undersigned, declare under penalty of perjury under the laws of the State of California that the information I have provided on this form is true and accurate. I understand that this information will be used to determine my eligibility for the nonresident tuition exemption for eligible California high school graduates. I hereby declare that, if I am an alien without lawful immigration status, I have filed an application to legalize my immigration status or will file an application as soon as I am eligible to do so. I further understand that if any of the above information is untrue, I will be liable for payment of all nonresident charges from which I was exempted and may be subject to disciplinary action by the College or University.

Print Full Name (as it appears on your campus student records) Campus/Student Identification Number

Print Full Mailing Address (Number, Street, City, State, Zip Code) Email Address (Optional)

Phone Number (Optional)

Signature Date

RETURN THIS COMPLETED FORM TO THE HC ADMISSIONS OFFICE WITH YOUR HIGH SCHOOL/ELEMENTARY/MIDDLE SCHOOL TRANSCRIPTS

CO: A&R: Rev. 7/15

88
PETITION FOR DELAY OF PAYMENT OF
ENROLLMENT/ TUITION FEES FOR OUT-OF-STATE STUDENTS
Spring 2016

_________________________________   _______________________________         ________________
Last Name                                                   First Name                                     Middle Initial

_________________________________________________              __________________________________
Current Address (Number and Street)                                           Hartnell Student ID #

______________________________      (_____)______________________      ____________________________
City, State, Zip Code                        Area Code Telephone Number                          E-mail address

STUDENT STATEMENT:  I would like to request a delay of my enrollment/tuition fee payment. I understand that I must apply for financial aid for the 2015-2016 year. However, in the event that I am NOT eligible for Financial Aid, I am responsible for paying the full balance of my enrollment/tuition fees by a January 7, 2016. If I am PELL eligible, my PELL disbursement will be applied directly to my account balance; and I am responsible for any remaining balance to be paid in full by March 17, 2016.

CONDITIONS: I understand that I may request one Petition for Delay of Payment per semester. If I do not fulfill the obligation of this Petition to Delay Payment I will NOT be eligible to request future Petitions of Delayed Payments. There are no time extensions allowed on this request.

I further understand that if I DO NOT pay the full balance by the January 7, 2016, that I will have a “Business Office” hold placed on my student account which will prevent me from obtaining my official transcript, final grades, registering for future semesters, using the College Library, etc.

I have read and fully understand the terms and conditions as outlined above.

____________________________________  ____________________________
Student’s Signature                                            Date

Students may be their fees by any of the following ways:

1. Cash/VISA/Mastercard payments may be made to the Cashier’s Office in-person
2. VISA/Mastercard payments may be made by using PAWS for Students at www.hartnell.edu

FINANCIAL AID OFFICE ONLY:

Student’s Current Balance owed $:_______________as of _______________FAFSA received on: ________________

Students Projected Title IV Eligibility: $_____________Students Projected Remaining Balance Owed: $__________as of ________________

File status:_________ Date:_____________    SAP Status:_____________ Date:_____________

Notes:

________________________________________________________________________________________________________________________
________________________________________________________________________________________________________________________
________________________________________________________________________________________________________________________
________________________________________________________________________________________________________________________

FA Lead Approval & Date: ____________________________

Updated 4/9/15 jbt
Instructions and **DEADLINES:**

1. All Out-of-State Students must submit a FAFSA for the 2015-2016 year **at least 3 weeks prior** to submitting their Petition for Delay of Payment Form to the Financial Aid Department.

2. Student must submit the Petition for Delay of Payment of Enrollment Fees form to the Financial Aid Department prior to the **Spring 2016 Registration Payment Deadline** that applies to the student’s **registration period.** Please see Student Fee Collection Policy.

3. Any and all documents that are requested from the Financial Aid Office must be submitted no later than **January 7, 2016** to ensure that there is sufficient time to process the student’s financial aid file.

4. Upon review of the student’s financial aid file, the financial aid staff will determine the amount of the award the student is eligible for and record it on the Out-of-State Tuition Assistance Request form; or if not eligible for financial aid, it will be noted on the request form also by **January 29, 2016.**

5. The Financial Aid Department will then update the student’s account to reflect the authorization of this request.

6. The student will be notified by email the status of their eligibility by **January 29, 2016.** It is the student’s responsibility to follow-up with the financial aid office regarding the status of their request.

7. It is the student’s responsibility to pay the following:

   a. If PELL eligible, the student’s financial aid award will be applied to their balance. The student must pay the remaining balance by **March 17, 2016.**

   b. If the student is not eligible for financial aid, the student must pay half of their outstanding balance by **January 7, 2016;** and the remaining balance by **March 17, 2016.**
DEPENDENCY STATUS

The questions below will determine whether you are considered a Dependent student or Independent student for fee waiver eligibility and whether parental information is needed. If you answer "Yes" to ANY of the questions 1-10 below, you will be considered an INDEPENDENT student. If you answer "No" to all questions, you will be considered a Dependent student thereby reporting parental information and should continue with Question 11.

1. Were you born before January 1, 1992? □Yes □No
2. As of today, are you married or in a Registered Domestic Partnership (RDP)? (Answer "Yes" if you are separated but not divorced or have not filed a termination notice to dissolve partnership.) □Yes □No
3. Are you a veteran of the U.S. Armed Forces? □Yes □No
4. Do you have children who will receive more than half of their support from you between July 1, 2015 - June 30, 2016, or other dependents who live with you (other than your children or spouse/RDP) who receive more than half of their support from you, now and through June 30, 2016? □Yes □No
5. At any time since you turned age 13, were both your parents deceased, were you in foster care, or were you a dependent or ward of the court? □Yes □No
6. Are you or were you an emancipated minor as determined by a court in your state of legal residence? □Yes □No
7. Are you or were you in legal guardianship as determined by a court in your state of legal residence? □Yes □No
8. At any time on or after July 1, 2014, did your high school or school district homeless liaison determine that you were an unaccompanied youth who was homeless? □Yes □No
9. At any time on or after July 1, 2014, did the director of an emergency shelter or transitional housing program funded by the U.S. Department of Housing and Urban Development determine that you were an unaccompanied youth who was homeless?  

   ☐ Yes ☐ No

10. At any time on or after July 1, 2014, did the director of a runaway or homeless youth basic center or transitional living program determine that you were an unaccompanied youth who was homeless or were self-supporting and at risk of being homeless?  

   ☐ Yes ☐ No

- If you answered "Yes" to any of the questions 1 - 10, you are considered an INDEPENDENT student for enrollment fee purposes and must provide income and household information about yourself (and your spouse or RDP if applicable). Skip to Question #13.

- If you answered "No" to all questions 1 - 10, complete the following questions:

11. If your parent(s) or his/her RDP filed or will file a 2014 U.S. Income Tax Return, were you, or will you be claimed on their tax return as an exemption by either or both of your parents?  

   ☐ Will Not File ☐ Yes ☐ No

12. Do you live with one or both of your parent(s) and/or his/her RDP?  

   ☐ Yes ☐ No

- If you answered "No" to questions 1 - 10 and "Yes" to either question 11 or 12, you must provide income and household information about your PARENT(S)/RDP. Please answer questions for a DEPENDENT student in the sections that follow.

- If you answered "No" or "Parent(s) will not file" to question 11, and "No" to question 12, you are a dependent student for all student aid except this enrollment fee waiver. You may answer questions as an INDEPENDENT student on the rest of this application, but please try to get your PARENT information and file a FAFSA so you may be considered for other student aid. You cannot get other student aid without your parent(s) information.

13. Are you (the student ONLY) currently receiving monthly cash assistance for yourself or any dependents from:

   - TANF/CalWORKs?  
   - ☐ Yes ☐ No

   - SSI/SSP (Supplemental Security Income/State Supplemental Program)?  
   - ☐ Yes ☐ No

   - General Assistance?  
   - ☐ Yes ☐ No

14. If you are a dependent student, are your parent(s)/RDP receiving monthly cash assistance from TANF/CalWORKs or SSI/SSP as a primary source of income?  

   ☐ Yes ☐ No

If you answered "Yes" to question 13 or 14 you are eligible for an ENROLLMENT FEE WAIVER. Sign the Certification at the end of this form. You are required to show current proof of benefits. Submit application and documentation to the financial aid office.

**METHOD B ENROLLMENT FEE WAIVER**

15. **DEPENDENT STUDENT:** How many persons are in your parent(s)/RDP household? (Include yourself, your parent(s)/RDP, and anyone who lives with your parent(s)/RDP and receives more than 50% of their support from your parents/RDP, now and through June 30, 2016.)

16. **INDEPENDENT STUDENT:** How many persons are in your household? (Include yourself, your spouse/RDP, and anyone who lives with you and receives more than 50% of their support from you, now and through June 30, 2016.)

17. **2014 Income Information**

   (Dependent students should not include their income information for Q 17 a and b below.)

   a. Adjusted Gross Income (If 2014 U.S. Income Tax Return was filed, enter the amount from Form 1040, line 37; 1040A, line 21; 1040EZ, line 4).

   b. All other income (Include ALL money received in 2014 that is not included in line (a) above (such as disability, child support, military living allowance, Workman’s Compensation, untaxed pensions).

   The Financial Aid Office will review your income and let you know if you qualify for an ENROLLMENT FEE WAIVER under Method B. Submit application and documentation to the financial aid office.

   If you do not qualify using Method A or Method B, you should file a FAFSA (for U.S. citizens or eligible non-citizens) or the California Dream Application (for undocumented AB 540 students). The FAFSA is available at www.fafsa.gov and the Dream Application is available at https://dream.csac.ca.gov. Contact the Financial Aid Office for more information.

**SPECIAL CLASSIFICATIONS ENROLLMENT FEE WAIVERS**

18. Do you have certification from the CA Department of Veterans Affairs that you are eligible for a dependent’s fee waiver?  

   Submit certification.  

   ☐ Yes ☐ No

19. Do you have certification from the National Guard Adjutant General that you are eligible for a dependent’s fee waiver?  

   Submit certification.  

   ☐ Yes ☐ No

20. Are you eligible as a recipient of the Congressional Medal of Honor or as a child of a recipient?  

   Submit documentation from the Department of Veterans Affairs.  

   ☐ Yes ☐ No

21. Are you eligible as a dependent of a victim of the September 11, 2001, terrorist attack?  

   Submit documentation from the CA Victim Compensation and Government Claims Board.  

   ☐ Yes ☐ No

22. Are you eligible as a dependent of a deceased law enforcement/fire suppression personnel killed in the line of duty?  

   Submit documentation from the public agency employer of record.  

   ☐ Yes ☐ No

- If you answered "Yes" to any of the questions 18-22, you are eligible for an ENROLLMENT FEE WAIVER and perhaps other fee waivers or adjustments. Sign the Certification below. Submit application and documentation to the financial aid office. Contact the Financial Aid Office if you have questions.
CERTIFICATION FOR ALL APPLICANTS: READ THIS STATEMENT AND SIGN BELOW

I hereby swear or affirm, under penalty of perjury, that all information on this form is true and complete to the best of my knowledge. If asked by an authorized official, I agree to provide proof of this information, which may include a copy of my and my spouse/registered domestic partner and/or my parent's/registered domestic partner's 2014 U.S. Income Tax Return(s). I also realize that any false statement or failure to give proof when asked may be cause for the denial, reduction, withdrawal, and/or repayment of my waiver. I authorize release of information regarding this application between the college, the college district, and the Chancellor's Office of the California Community Colleges.

I understand the following information (please check each box):

- Federal and state financial aid programs are available to help with college costs (including enrollment fees, books & supplies, transportation and room and board expenses). By completing the FAFSA or the California Dream Application, additional financial assistance may be available in the form of Cal Grants, Pell and other grants, work study and other aid.
- I may apply for and receive financial assistance if I am enrolled, either full time or part time, in an eligible program of study (certificate, associate degree or transfer).
- Financial aid program information and application assistance is available in the college financial aid office.

Applicant's Signature: ___________________________ Date: ____________

Parent Signature (Dependent Students Only): ___________________________ Date: ____________

CALIFORNIA INFORMATION PRIVACY ACT

State and federal laws protect an individual's right to privacy regarding information pertaining to oneself. The California Information Practices Act of 1977 requires the following information be provided to financial aid applicants who are asked to supply information about themselves. The principal purpose for requesting information on this form is to determine your eligibility for financial aid. The Chancellor's Office policy and the policy of the community college to which you are applying for aid authorize maintenance of this information. Failure to provide such information will delay and may even prevent your receipt of financial assistance. This form's information may be transmitted to other state agencies and the federal government if required by law. Individuals have the right of access to records established from information furnished on this form as it pertains to them.

The officials responsible for maintaining the information contained on this form are the financial aid administrators at the institutions to which you are applying for financial aid. The SSN may be used to verify your identity under record keeping systems established prior to January 1, 1975. If your college requires you to provide an SSN and you have questions, you should ask the financial aid officer at your college for further information. The Chancellor's Office and the California community colleges, in compliance with federal and state laws, do not discriminate on the basis of race, religion, color, national origin, gender, age, disability, medical condition, sexual orientation, domestic partnership or any other legally protected basis. Inquiries regarding these policies may be directed to the financial aid office of the college to which you are applying.

FOR OFFICE USE ONLY

- BOGFW-A
- TANF/CalWORKs
- GA
- SSI/SSP
- BOGFW-B
- BOGFW-C
- Special Classification
- Veteran
- National Guard Dependent
- Medal of Honor
- 9/11 Dependent
- Dep. of deceased law enforcement/fire personnel
- RDP
- Student
- Parent
- Student is not eligible

Comments: ___________________________ Date: ____________

Certified by: ___________________________ Date: ____________

93
Board of Governors Fee Waiver Program  
BOGFW-B  
2015-2016 Income Standards*

<table>
<thead>
<tr>
<th>Family Size</th>
<th>2014 Income</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>$17,505</td>
</tr>
<tr>
<td>2</td>
<td>$23,595</td>
</tr>
<tr>
<td>3</td>
<td>$29,685</td>
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<td>4</td>
<td>$35,775</td>
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<td>5</td>
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<td>6</td>
<td>$47,955</td>
</tr>
<tr>
<td>7</td>
<td>$54,045</td>
</tr>
<tr>
<td>8</td>
<td>$60,135</td>
</tr>
<tr>
<td>Each Additional Family Member</td>
<td>$6,090</td>
</tr>
</tbody>
</table>

* These standards are based upon the federal poverty guidelines, as published each year by the US Department of Health and Human Services. Under Title 5 of the California Code of Regulations, the student or student's family must have a total income in the prior year (in this case, 2014) that is equal to or less than 150% of the U.S. Department of Health and Human Services Poverty Guidelines based on family size.

The U.S. Department of Health and Human Services published the 2014 Poverty Guidelines in January 2014 (additional information will be posted after the guidelines are published).

These income standards are for the 2015-2016 academic year and are to be used to determine BOGFW-B eligibility EFFECTIVE July 1, 2015.

http://aspe.hhs.gov/POVERTY/14poverty.cfm

All registered students have email

http://www.hartnell.edu/students/mail.html
Do Not Mail this Worksheet

The California Dream Act Application is the financial aid application for AB 540 eligible students. Complete this worksheet before starting the online or paper Application to make sure you have all of the information you will need to complete and submit the Application. Full application instructions and the Application can be found at www.caldreamact.org. Be sure to complete the correct year’s application. For example, complete the 2015-16 if you plan to attend college in the fall 2015 or the spring 2016. The California Dream Act Application can only be completed by students who meet the following AB 540 requirements:

1. Attended a California high school for at least three years OR graduated early from a California high school with the equivalent of at least three years of credits*, AND Graduated or will graduate from a California high school or passed the California High School Proficiency Examination (CHSPE), or obtained a Certificate of General Education Development (GED), AND

2. Will register or enroll in an accredited and qualifying California college or university, AND

3. If applicable, complete(d) an affidavit to legalize immigration status as soon as you are eligible, AND

4. Do not hold a valid non-immigrant visa (F, J, H, L, A, B, C, D, E, etc.)

* If you graduated early from high school under this provision, you must also have attended CA schools (elementary and secondary) for a cumulative total of three or more years.

If you meet these requirements, use this worksheet as a guide on how to answer the questions when you fill out the Dream Act Application. The Dream Act Application is online at www.caldreamact.org. The California Student Aid Commission processes the Dream Act Application. Any financial aid received can only be used at eligible California institutions. Assembly Bill (AB) 540 was passed in 2001 to allow non-resident students in California to pay resident fees at California’s public colleges and universities. In October 2011, AB 131 was signed into law and allows students eligible for AB 540 to also apply for state financial aid like the University of California Grants, State University Grants and Board of Governors fee waivers, and Cal Grants. Students must verify with their college the financial aid filing requirements at that college.

The Dream Act Application is not an application for federal financial aid. Students eligible to file the FAFSA must do so online at www.fafsa.gov. Students should not complete both applications.

Applying by the Deadlines
Submit your Dream Act Application as early as possible. For the 2015-16 school year, the State Cal Grant program has a March 2, 2015* filing deadline. A school certified non-SSN GPA verification form is available at www.caldreamact.org and is also required for the Cal Grant program. Many colleges and universities also use March 2 as a priority deadline, but you must check with your college to determine its application deadlines and filing requirements.

You may also need to complete additional forms. Check with your high school guidance counselor or a financial aid administrator at your college about state and college sources of student aid. If you are filing close to one of these deadlines, we recommend you file online at www.caldreamact.org. This is the fastest and easiest way to apply for aid.

Using Your Tax Return
If you (or your parents) will file a 2014 income tax return with the Internal Revenue Service (IRS), we recommend that you complete it before filling out the Dream Act Application. If you have not completed your return yet, you can still submit your Dream Act Application now using estimated tax information and then correct that information after you file your return. Do not miss any of your colleges’ deadlines. If you or your parents will file an income tax return, you will need the tax returns and/or W-2 forms to complete the Application.

Filling out the Dream Application
If you or your family have unusual circumstances that might affect your financial situation, such as loss of employment, complete this form and the Application to the extent you can. Then, submit it as instructed and consult with the financial aid office at the college you plan to attend.

Need Help?
For help with getting answers for this worksheet, go to www.caldreamact.org, send an email to studentsupport.csac.ca.gov, or call 888-224-7268, 9 am - 11:45 pm and 1:00 pm - 4:45 pm, Monday through Friday.

After you complete this worksheet, go online to www.caldreamact.org and complete the Dream Act Application. Do not mail this worksheet. After your Application has been processed, you will be able to see your responses by viewing your California Student Air Report. If you would like to make changes to your Application, login to www.caldreamact.org and retrieve your Application. *State applications with deadlines that fall on a Saturday, Sunday or holiday will be accepted on the next business day.
# California Dream Application

**Dream Act Application Worksheet**  
www.CalDreamAct.org

## SECTION 1 - STUDENT INFORMATION

Do not mail this worksheet. Use it only to collect information before completing the Application online at www.caldreamact.org. You can add up to ten colleges on the online Application. The colleges you list will receive your information within 7 - 10 days. The California Dream Act Application is only for colleges located in California.

### Student’s Last Name  First Name  Middle Initial

Your full name (exactly as it appears on school records). If your name has a suffix, such as Jr. or III, include a space between your last name and suffix.

Your Social Security Number (SSN) or Individual Taxpayer Identification Number (ITIN)

Enter your SSN if you have one. If you do not have an SSN, enter your ITIN, if you have one. If you have both, enter your SSN. If you have neither, leave blank.

### Student Citizenship Status (Check one of the following)

- I am a U.S. citizen (U.S. national)
- I am a U.S. citizen (U.S. national) U.S. Citizens must file the FAFSA
- I am an eligible noncitizen.

### Alien Registration Number (If you have one)

- A

You are an eligible noncitizen if you are:

1. A permanent U.S. resident with a Permanent Resident Card (I-551)
2. A conditional permanent resident with a Conditional Green Card (I-551C)
3. The holder of an Arrival-Departure Record (I-94) from the Department of Homeland Security showing any one of the following designations: “ Refugee,” “ Asylum Granted,” “ Parolee” (I-94 confirms that you were paroled for a minimum of one year and status has not expired), “ T-Visa holder” (T-1, T-2, T-3, etc.) or “ Cuban-Haitian Entrant”
4. The holder of a valid certification or eligibility letter from the Department of Health and Human Services showing a designation of “ Victim of human trafficking.” You are also considered an eligible noncitizen if you a person who is considered a Battered Immigrant-Qualified Alien. Eligible noncitizens as described above should file the federal FAFSA application at www.fafsa.gov.

### Student Marital Status (Check one of the following)

- Single
- I am separated
- I am married/remarried
- I am divorced or widowed

Males age 18 to 25 must register with the Selective Service System to receive state financial aid. If you are not registered, you can do so by checking the "Register me" box on the online Application or printing the Selective Service System form which can be found by clicking on the Dream Act Information & Resources link.

Some financial aid is offered based on the level of schooling your parents completed.

### Section 2 STUDENT DEPENDENCY STATUS (Check any that apply to you)

- I was born before January 1, 1992
- I am a married
- In 2015-16, I will be working on a master’s or doctorate program (e.g., MA, MBA, MD, JD, PhD, EdD), graduate certificate
- I am serving on active duty in the U.S. Armed Forces
- I am a veteran of the U.S. Armed Forces
- I have children and I provide more than half of their support
- Both of my parents are deceased
- I was in foster care at any time since turning age 13
- I have dependents (other than children or my spouse) who live with me and I provide more than half of their support
- I was a dependent or ward of the court at any time since turning age 13
- I am currently or I was an emancipated minor
- I am currently or I was in a legal guardianship
- I am homeless or I am at risk of being homeless
### Section 3 - PARENT INFORMATION

**Who is considered a parent?** “Parent” refers to a biological or adoptive parent. Grandparents, foster parents, legal guardians, siblings, and uncles or aunts are not considered parents on this form unless they have legally adopted you. In case of divorce or separation, give information about the parent you lived with most in the last 12 months. If you did not live with one parent more than the other, give information about the parent who provided you the most financial support during the last 12 months or during the most recent year you received support. If your divorced or widowed parent has remarried, also provide information about your stepparent.

### Parent 1 (father, mother, or stepparent)
- Parent 1’s Social Security Number or Individual Tax-payer Identification Number (ITIN), if they have one
- Parent 1’s name
- Parent 1’s date of birth

### Parent 2 (father, mother, or stepparent)
- Parent 2 Social Security Number or Parent 2’s Individual Tax-payer Identification Number (ITIN), if they have one
- Parent 2’s name
- Parent 2’s date of birth

**Did your parents file or will they file a 2014 income tax return?**
- My parents have already completed a tax return
- My parents will file, but have not yet completed a tax return
- My parents are not going to file an income tax return

**What was your parents’ adjusted gross income for 2014?**
Skip this question if your parents did not file taxes. Adjusted gross income is on IRS Form 1040—Line 37; 1040A—line 21; or 1040EZ—line 4.

**How much did Parent 1 earn from working in 2014?**

**How much did Parent 2 earn from working in 2014?**

**Parents Asset Questions:**
- As of the date you complete the Dream Act Application, what is your parents’ total current balance of cash, savings and checking accounts?
- As of the date you complete the Dream Act Application, what is the net worth of your parents’ investments, including real estate? Don’t include the home in which your parents live. Net worth means current value minus debt owed.
- As of the date you complete the Dream Act Application, what is the net worth of your parents’ current businesses and/or investment farms? Don’t include farms or family businesses with 100 or fewer full-time or full-time equivalent employees.

**In 2013 or 2014, did anyone in your parents’ household receive:** (Check all that apply.)
- Supplemental Security Income (SSI)
- CalFresh
- Free or Reduced Price School Lunch
- CalWORKs
- Special Supplemental Nutrition Program for Women, Infants and Children (WIC)

**Note:** Outside of California, Cal Fresh is known as Food Stamps and CalWorks is known as Temporary Assistance for Needy Families (TANF)

**Did your parents have any of the following items in 2014?** (Check all that apply)

- American Opportunity tax credit or Lifetime Learning tax credits
- Child support paid
- Taxable earnings from work-study, assistantships or fellowships
- Taxable grant and scholarship aid reported to the IRS
- Combat pay or special combat pay
- Cooperative education program earnings
- Payments to tax-deferred pension and savings plans
- Child support received
- IRA deductions and payments to self-employed SEP, SIMPLE and Keogh
- Tax exempt interest income
- Untaxed portions of IRA distributions
- Untaxed portions of pension distributions
- Housing, food and other living allowances paid to members of the military, clergy and others
- Veterans noneducation benefits
- Other untaxed income not reported, such as workers’ compensation or disability
What was your (and spouse’s) adjusted gross income for 2014?
Skip this question if you or your spouse did not file taxes. Adjusted gross income is on IRS Form 1040—Line 37; 1040A—line 21; or 1040EZ—line 4.

Did you or will you file a 2014 income tax return?
- I have already completed a tax return
- I will file, but have not yet completed a tax return
- I am not going to file an income tax return

If you will not be filing an income tax return, enter your the total wages you have earned from working during 2014.

The following questions ask about earnings (wages, salaries, tips, etc.) in 2014. Answer the questions whether or not a tax return was filed. This information may be on the W-2 forms, or on the IRS Form 1040—Line 7 + 12 + 18 + Box 14 (Code A) of IRS Schedule K-1 (Form 1065); 1040A—line 7; or 1040EZ—line 1.

How much did you earn from working in 2014?
- Check here if you are a dislocated worker

How much did your spouse earn from working in 2014?
- Check here if your spouse is a dislocated worker

Student Asset Questions:
- As of the date you complete the Dream Application, what is the current total balance of your cash, savings and checking accounts?
- As of the date you complete the Dream Application, what is the net worth of your investments, including real estate? Don’t include the home in which you live. Net worth means current value minus debt owed.
- As of the date you complete the Dream Application, what is the net worth of your current businesses and/or investment farms? Don’t include farms or family businesses with 100 or fewer full-time or full-time equivalent employees.

In 2013 or 2014, did anyone in your household receive: (Check all that apply)
- Supplemental Security Income (SSI)
- Cal Works
- Cal Fresh
- Special Supplemental Nutrition Program for Women, Infants and Children (WIC)
- Free or Reduced Price School Lunch

Note: Outside of California, Cal Fresh is known as Food Stamps and CalWorks is known as Temporary Assistance for Needy Families (TANF)

Did you (and/or your spouse) have any of the following items in 2014? Check all that apply.
Once online, you may be asked to report amounts you (and/or your spouse) have paid or received.

Additional Financial Information
- American Opportunity or Lifetime Learning Tax Credits
- Child support paid
- Taxable earnings from work-study, assistantships or fellowships
- Taxable grant and scholarship aid reported to the IRS
- Combat pay or special combat pay
- Cooperative education program earnings

Untaxed Income
- Payments to tax-deferred pension and savings plans
- Child support received
- IRA deductions and payments to self-employed SEP, SIMPLE and Keogh
- Tax exempt interest income
- Untaxed portions of IRA distributions

- Untaxed portions of pension distributions
- Housing, food and other living allowances paid to members of the military, clergy and others
- Veterans nondeduction benefits
- Other untaxed income not reported, such as workers’ compensation or disability

Complete Dream Act Application instructions can be found at www.caldreamact.org by clicking on the Dream Act Information & Resources link.

NOTES:

Do not mail this Worksheet. Go to www.caldreamact.org to complete and submit your application. You can also talk with your college’s financial aid office about other types of student aid that may be available. Financial aid determined from the Dream Act Application is only for use at California colleges.
What is Orientation?
Orientation is designed specifically to help students succeed in college. Orientation provides important information on Hartnell policies, procedures, academic requirements, educational costs, student support services, college success techniques and strategies, and other important topics. Upon the completion of Orientation, students will have knowledge of general education, college policies, university transfer requirements, and certificate and degree requirements.

How long is Orientation?
The Online Orientation takes approximately 1 hour to complete. Student Ambassadors will be available to assist you in registering for classes either online or by phone. Please Note: The online orientation bookmarks your progress in the event you need to start and stop due to your schedule.

Who should complete Orientation?
All new Hartnell College students should enroll and complete Orientation preferably before or during their first semester.

Who has to complete Orientation?
All new students are required to take Orientation EXCEPT:
• student who are taking course(s) for personal interest (Not pursuing a degree or certificate)
• student who are taking course(s) for advancement in current job/career (updating job skills)
• student who are taking courses to maintain a certificate or license

I think I am exempt from having to take Orientation. What do I do?
See a Counselor and work with the Counselor to complete a Prerequisite Clearance form. When you meet with the Counselor, be sure to bring any relevant documentation with you like unofficial or official transcripts.

Should I see a Counselor?
Yes! All students must schedule an appointment with a Counselor for educational planning; course selection; career development; major selection; individual counseling; personal development; connecting to other services; and referral programs on and off campus unless exempt, see counseling exemption criteria (page 108). To schedule an appointment with a Counselor, call (831) 755-6820.

There are two ways to complete the Orientation requirement:
1. Complete the online version of Orientation. Online Orientation can be found at www.hartnell.edu/orientation
OR
2. If you absolutely need an in person orientation please call (831) 755-6820 to meet with a Counselor.

Orientation will provide you with the following tools and information:

- REGISTRATION INFORMATION
  Web, In-Person Registration, and Add/Drop Processes
- FINANCIAL AID ASSISTANCE
  EOP&S, Financial Aid, Scholarships, CalWORKS, and Work Study
- LEARNING RESOURCES
  Reading, Writing, Math, Library and Computer Labs
- COUNSELING SERVICES
  DPS&S, Athletic/Academic Programs, CalWORKS, Veteran Affairs, and Career Center/Transfer Center
- STUDENT RIGHTS AND RESPONSIBILITIES
  Attendance Policy, Balancing Work and School, Grade Point Average, Academic Renewal/Probation, Student Support Services, Student Rights, Responsibilities, & Student Conduct
- SELECTING A MAJOR OR EDUCATIONAL GOAL
  General Counseling, Career Planning & Development Courses
- GRADUATION AND TRANSFER KNOWLEDGE
  General Education, Certificate and A.A. Degree Requirements, California State University, University of California, Private Colleges, and Guaranteed Transfer Admission Information.
- COLLEGE STUDY SKILLS, TIME MANAGEMENT, STUDENT NETWORKING OPPORTUNITIES.
STAAR*—Success Through Assessment, Advisement/Orientation and Registration

ASSESSMENT

It is Mandatory for all new Hartnell College students to take the STAAR* assessment, unless determined to be exempt (see Exemptions from Assessment). The purpose of the STARR* Placement Assessment is to help students enter English and mathematics curriculum at an appropriate level, aid counselors in giving students academic advice, reduce frustrations and academic difficulties, and increase chances of success.

The STAAR* assessment lasts 2-2 1/2 hours and includes a multiple-choice reading assessment and an appropriate mathematics assessment. Your scores on these assessments will help identify abilities and are used for advisory placement and course selection. With this profile of current skills and information about previous educational and work experiences, counselors can recommend courses to enhance academic achievement.

The STAAR* assessment is administered throughout the year at convenient times. There is no charge for the assessment, although a reservation is required. For appointments, questions, and/or concerns regarding assessment, please call the STAAR* Assessment Center, (831) 759-6054. Information about the STAAR* assessment is also available online at http://www.hartnell.edu/staar-assessment.

English as a Second Language

English as Second Language is offered to students whose primary language is not English. An ESL STAAR* placement assessment is required for those students wanting to take ESL classes. The results help counselors determine advisory placement in ESL classes, other courses, or related learning laboratory courses.

Disabled Students

STAAR* placement assessments for Disabled Students are available for students with documented visual, physical, or other learning disabilities. Page magnifiers, readers, and extended testing times are some of the accommodations available. If a student is seeking alternative testing procedures, please contact the DSP&S office, B 107, (831) 755-6760.

Reading, English, and Mathematics Courses

Students who want to enroll in reading, English, or mathematics courses are required to complete the STAAR* assessment before registering for these classes, unless the appropriate prerequisite class has been completed.

Prerequisites or recommended skill levels must be completed with a “C” or better. (They are listed with the course descriptions in this College Catalog and in each semester’s Schedule of Classes.) Courses that are used as prerequisites to allow enrollment in higher-level courses must be completed within five (5) years.

EXEMPTION from Assessment Services

Hartnell College students may be exempt from participation in STAAR* Placement Assessment if they:

- students who have earned an AA/AS degree or more advanced degree;
- students who have completed both English 253 and Math 201 at Hartnell College or equivalent or higher courses with a grade of C or better at another college or university;
- students who provided Assessment scores from another California Community College within the last two years and have presented a copy of these scores to a Hartnell College Counselor for review and documentation;
- students who can provide scores to a Hartnell College Counselor from the Advanced Placement Examination from the College Entrance Examination Board (CEEB), Educational Testing Service, with a score of 3 or above in the areas of English – Language & Composition, Math (Calculus AP);
- Plan to enroll in fewer than six (6) units that do not include English or mathematics courses and/or courses requiring English or mathematics prerequisites and their academic goal is personal development.

You can pick up a Prerequisite Clearance form from your counselor. Submit the Prerequisite Clearance form, signed by a Hartnell counselor to the Records Evaluator in the Office of Admissions and Records (room B 121). Copies of transcripts/diplomas must be attached to the Prerequisite Clearance form.

Exempted students may participate in student success services (formally matriculation) if they so choose.
HARTNELL COLLEGE – SPRING 2016
ASSESSMENT

STAAR*—Success Through Assessment, Advisement/Orientation and Registration

YOUR QUESTIONS ANSWERED

What is assessment?
Assessment is the placement of all new students into the correct levels of English and math. Hartnell uses an electronic placement assessment called Accuplacer. This electronic placement assessment uses the latest technology to help students place into the correct levels of English and math.

Who has to take the placement assessment?
All new and returning students are required to take the placement assessment EXCEPT:
• students who have earned an AA/AS degree or more advanced degree;
• students who have completed both English 253 and Math 201 at Hartnell College or equivalent or higher courses with a grade of C or better at another college or university;
• students who provided Assessment scores from another California Community College within the last two years and have presented a copy of these scores to a Hartnell College Counselor for review and documentation;
• students who can provide scores to a Hartnell College Counselor from the Advanced Placement Examination from the College Entrance Examination Board (CEEB), Educational Testing Service, with a score of 3 or above in the areas of English – Language & Composition, Math (Calculus AP).
• Plan to enroll in fewer than six (6) units that do not include English or mathematics courses and/or courses requiring English or mathematics prerequisites and their academic goal is personal development.

I think I meet one of the exemptions from the placement assessment.

What do I do?
See a Counselor and work with the Counselor to complete a Pre-Requisite Clearance form. When you meet with the Counselor, be sure to bring copies of all transcripts and any other important documents.

Where and when can I take the placement assessment?
The placement assessment is given in the STAAR Assessment Center currently located in B110. The STAAR* Assessment is generally offered Monday through Friday and some Saturdays. The placement assessment is by appointment only. To make a STAAR* Appointment, call (831) 759-6054.

What services are available for students with disabilities?
The placement assessment is not a timed assessment and is accessible to most students with disabilities. Additionally, students with disabilities may arrange for modified placement assessment by calling the Department of Supportive Program and Services (DSP&S) at (831) 755-6760.

Can I take the placement assessment more than once?
Students may take the placement assessment a second time under the following conditions:
1. at least fourteen days have passed since the first test (to allow for extra preparation and study), and
the student has talked with the Assessment Center staff or a Counselor about how to better prepare for the placement assessment and has received sample questions and study materials.

Is there a fee to take the placement assessment?
There is no charge to take the placement assessment.

How long is my placement assessment valid?
Hartnell College recognizes your placement scores for a period of two years. Remember continued use of math and language skills may improve over time. If your scores are over two years old, you must take the test again.

How can I prepare for the placement assessment?
The materials and sample questions are available to you free of charge on our website at www.hartnell.edu/students/staar/. Be sure to come to Assessment Center well rested. Be sure to eat properly before taking the placement assessment. No food or drink is allowed in the Assessment Center.

What if I don’t know how to use a computer?
No computer skills are required and the Assessment Center staff is available to help you in using the computer mouse, if needed.

When I complete the placement assessment what is the next step?
The next step is to enroll in and complete Orientation to College.

HARTNELL COLLEGE ASSESSMENT CALENDAR*
IS AVAILABLE ON OUR WEBSITE AT
www.hartnell.edu/students/staar/
CALL FOR AN APPOINTMENT
(831) 759-6054 OR (831) 755-6820

*In addition, the monthly schedule is available in the Counseling Department Office.
The Assessment Calendar is subject to change and will be posted immediately.

Before you can make an appointment for the STAAR* Assessment, we must have the following on file:
1. An Application for Admission
   a. You may also complete the Application for Admission online at www.hartnell.edu/admissions/jump.html.
      (This may take 1 working day to process)
   b. You may complete the paper Application for Admission that is in this schedule of classes.

On the day of your Assessment
• Arrive at least 15 minutes before your scheduled appointment time.
• Have your picture ID ready to show at your appointment.

NOTE: Accuplacer Assessment takes approximately 2 - 2 ½ hours.

For information on assessment at the King City Education Center, call (831) 386-7100; for assessment at Alisal Campus, call (831) 759-6093.
The mission of the Hartnell College Counseling Department is to assist you by providing quality academic counseling, career counseling, and personal guidance so that you have all the information you need to pursue and achieve your academic, career, and personal goals. We strive to provide you with a quality experience with a Counselor to engage in dialogue about your plan and goals for your future.

All students must schedule an appointment to meet with a counselor to discuss their academic goals and to develop an educational plan. Call (831) 755-6820 to schedule an appointment. All students are required to have a comprehensive educational plan (a plan that outlines courses the student must take to complete their educational goal) by the 15 degree applicable unit mark. Completing the educational plan is mandatory for students in order to maintain their enrollment priority and register for courses. A student may be exempted from Counseling and having an educational plan (see exemption criteria).

Students may be exempted from Counseling/Advising if:

- Have an Associate or higher degree from a regionally accredited college/university and are clear on courses necessary to complete their designated educational goal;
- Are taking courses for personal interest (Not pursuing a degree or certificate);
- Enrolled at Hartnell College solely to take a course that is legally mandated for employment or necessary in response to a significant change in industry or licensure standards.
- Are a K-12 grade concurrently enrolled student

Frequently Asked Questions (FAQ’s)

What is Counseling/Advising?

Counseling and Advising is the process of working with a professional academic Counselor to outline your goals and educational plan. A Counselor can assist you with identifying a major and expose you to different universities that offer your major. Counselors can also direct you to tools online and workshops that can assist you in determining your career interests that will better assist you in identifying your college major.

Do I need to see a Counselor?

All students must schedule an appointment to meet with a counselor to discuss their academic goals and to develop an educational plan. All students are required to have a comprehensive educational plan (a plan that outlines courses the student must take to complete their educational goal) by the 15 degree applicable unit mark. Completing the educational plan is mandatory for students in order to maintain their enrollment priority and register for courses.

Students may be exempted from meeting with a Counselor if they:

- Have an Associate or higher degree from a regionally accredited college/university and are clear on courses necessary to complete their designated educational goal;
- Are taking courses for personal interest (Not pursuing a degree or certificate);
- Enrolled at Hartnell College solely to take a course that is legally mandated for employment or necessary in response to a significant change in industry or licensure standards.
- Are a K-12 grade concurrently enrolled student

How do I make an appointment to see a Counselor?

Students should call (831) 755-6820 to schedule an appointment. Remember, meeting with a Counselor and developing a comprehensive educational plan is mandatory unless you meet the exemption criteria above. Your educational goal completion and success is the mission of the Hartnell College Counseling Department.

Prerequisites/Advisories

Prerequisites co-requisites, or advisories are designated to assist students in selection of course levels for their maximum success.

Important: To ensure proper placement, prerequisites for all classes will be checked at the time of registration. If you have taken a prerequisite course at an institution other than Hartnell, you MUST meet with a Hartnell Counselor to have a Prerequisite Clearance form completed. You will need to provide either an official or unofficial copy of your transcript. After approval, you will need to have the Prerequisite Clearance form submitted to Admissions & Records prior to registering.

It is highly recommended that you send official transcripts directly to Admissions & Records so that they are on file and can be obtained by any Hartnell College personnel. Official transcripts may be hand carried to Admissions & Records as long as the envelope seal on the college envelope has not been broken.

If you wish to challenge a prerequisite, you must provide written documentation explaining the alternative course work, background or abilities that has adequately prepared you for the course. Prerequisite Challenge forms are available in the Admissions and Records Office and require a signature of a discipline faculty member and the Dean of the area in which the course in taught that you are requesting the challenge. If approved, you will need to bring the approved form to Admissions & Records prior to registering. For more information on the full Prerequisite Policy, please see the current college catalog.
Academic Probation
At Hartnell College, a student’s academic performance is measured by two main factors. The first is grade point average (GPA); the second is by comparing the number of course units completed compared to the number of course units attempted. A student who does not maintain at least a 2.0 GPA and complete at least 50% of their attempted coursework will be placed on academic and/or progress probation. A student becomes subject to academic probation when he/she has enrolled in 12 or more semester units, even if the student later withdraws from any or all of these units. At the point the student becomes subject to the probation rules, all previous units attempted will be considered in the determining the student’s academic status.

Placement on Progress Probation
A student shall be placed on progress probation when the number of units for which entries of “W” or Withdraw, “I” or Incomplete, “NP” or No Pass, and “NC” or No Credit are recorded and reaches or exceeds fifty-percent (50%) of all units attempted.

Removal from Progress Probation
A student on progress probation shall be removed from probation when the percentage of units in this category meets or exceeds completion of fifty-percent (50%) of attempted units.

Academic Probation
A student shall be placed on academic probation when the student’s cumulative GPA falls below 2.0 in all graded units.

Removal from Academic Probation
A student shall be removed from academic probation when the student’s cumulative GPA becomes 2.0 or better.

Students on Level 1 Academic/Progress Probation (A1/P1) must clear their probation hold before registration by successfully completing the Hartnell College online Student Success (Probation) workshop. The probation hold will be removed within 24 hours of completion of the workshop during normal business hours.

Students on Level 2 Academic/Progress Probation (A2/P2) are required to complete an online College Success Tutorial workshop. This workshop will provide students with critical strategies for classroom success.

Students on Level 1 and 2 Academic/Progress Probation are strongly encouraged to meet with an Academic Counselor if there are any questions about the process or steps necessary for removal from probation.

Academic Counseling Services
In addition to the online Student Success (Probation) and online College Success Tutorial workshops, Academic Counselors are available to provide one on one counseling and guidance to students. Counseling workshops are also hosted three times a week including Saturdays. Each student on probation will be provided counseling and guidance services to ensure students are prepared with information needed to complete their educational goals. Counselors may recommend limiting course unit loads to ensure students are taking a manageable number of courses based on other personal factors e.g. number of hours of work per week. The ultimate goal is to assist students in achieving success in the courses they enroll in.

Disqualification/Dismissal
A student shall be dismissed (not including summer session), if, during each of the three consecutive semesters, the student’s performance falls under one or the combination of the following two conditions:

- The student’s cumulative GPA is less than 2.0
- The percentage of units in which the student has been enrolled for which entries of “W” or Withdraw, “I” or Incomplete, “NP” or No Pass, and “NC” or No Credit are recorded reaches or exceeds fifty-percent (50%) of all units attempted

Student success is our mission. If you need assistance with your coursework we have tutorial services available at all of the campuses and centers. If you need any other type of assistance please be sure to connect with a counselor, we want to assist all students in achieving their educational goals.

For additional information and access to support resources please visit the link below:
http://www.hartnell.edu/counseling-and-guidance
HARTNELL COLLEGE – SPRING 2016

Counseling

Do you dream of an Associate Degree from Hartnell; maybe it's a new career or promotion. Is it time to improve your language, math, reading or computer skills. Are you considering college re-entry after working at home or at a job for a few years, perhaps completing university transfer requirements or learning a second language is your goal? Hartnell’s Counseling Faculty can assist you in exploring your choices from career options to course selection and scheduling. Their job is to help you!

Counselors are Available by Appointment and for Express Counseling-Call 755-6820 for their schedules

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<tr>
<th>CalWORKS - (831) 755-6860</th>
<th>EOPS/CARE - (831) 755-6860</th>
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<td>COUNSELING - (831) 755-6820</td>
<td>KCC COUNSELING - (831) 386-7100</td>
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<td>DSPS - (831) 755-6760</td>
<td>SPORTS COUNSELING - (831)755-6848</td>
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FULL TIME COUNSELING FACULTY

Alexander, Mitzi       EOPS
Major Areas of Counseling:
EOPS, CARE, Bilingual, Re-entry students, Special services Counselor

Anderson, Tony         COUNSELING
Major Areas of Counseling:
Student Success, All majors

Bravo, Gabriel          COUNSELING
Major Areas of Counseling:
Student Success, All majors

Carbajal, Theresa       DSP&S
Major Areas of Counseling:
Learning Disability Instructor, Learning Disability Assessment and Instruction, Class accommodations, Computer assisted instruction.

Cook, J LaVerne        COUNSELING
Major Areas of Counseling:
Nursing; Veterans; University Transfer, All majors, Articulation

Diaz, Sergio
Main Campus/King City Center
Major Areas of Counseling:
Early Childhood Education, All majors

Estrella, Elizabeth     COUNSELING
Major Areas of Counseling:
Social & Behavioral Sciences, Humanities, Basic Skills, University Transfers, All majors

Madrigal, Millicent    EOPS
Major Areas of Counseling:
EOPS, CARE, First Generation College Going, All majors

Quintero, Mercedes      TRANSFER/CAREER
Major Areas of Counseling:
University Transfer, Bilingual, All majors

Szamos, Aron           COUNSELING
Major Areas of Counseling:
University Transfer, Bilingual/ESL, All majors

Lopez, Gabriela        386-7100
King City Center
Major Areas of Counseling:
All majors

Wenger, Violeta         759-6093
Alisal Campus
Major Areas of Counseling:
All majors

ADJUNCT COUNSELORS ARE ALSO AVAILABLE THROUGHOUT THE SEMESTER.
CALL 755-6820 FOR THEIR SCHEDULES AND FOR AN APPOINTMENT

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<tr>
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Title V Early Support Program
Foley, Brook
Galvan, Monica
Martinez, Joe
CalWORKS / TRIO 759-6013
Nichols, Norma
Reyes, Nancy
KCC: All majors 386-7100
Zuniga, Emily
Instructional Counselors
Cook, Denise
Nee, Sandra
Veteran’s
Uribe-Cruz, Gemma
All majors
HARTNELL COLLEGE – SPRING 2016

REGISTER

How to Enroll Online

On or after your registration date, log on to www.hartnell.edu and click on PAWS for Students. For first time users of PAWS registration:

LOGGING ON TO THE SYSTEM:

- Start by clicking on “What’s my User ID?” from the Student Menu. You must have either your social security number or Hartnell ID number to obtain your user id.
- Now that you have your User ID, select Log In, enter the User ID provided and enter your eight digit date of birth (mmddyyyy) for your initial password. (Please note that User ID’s cannot be provided over the phone by calling the Admissions.)
- You will be prompted to change your initial password and the system will ask you to create a new password. (Follow the directions on the screen to change your password. Be sure to complete the password hint!)

Once logged in, click on Register for Sections

Choose the type of registration you would like to use:

Search and Register– Use this option if you would like to add classes to your preferred list as you are searching for open sections. Example: If you choose to search for MAT-123, you will then have all of the MAT-123 sections displayed. You will then be able to choose an open section from the list.

Express Registration – Use this option if you have already searched the schedule of classes and know the exact section numbers of the classes you wish to register for. (Example: 0011 is the section # for ANT-10)

Register for previously selected sections – Use this option if you have already placed sections on your preferred list and would like to register for them now.

WHO

Anybody may register online if:

- You are a continuing student from Fall 2015 semester.
- You have submitted an application for the Spring 2016 semester.
- You are a Concurrent Enrollment student (9-12 grades) who has submitted their Approved Concurrent Enrollment form to Admissions & Records.

Note that prerequisites will be verified at the time of enrollment. See course descriptions for prerequisite information.

WHEN

- Enrollment online is available on or after your priority registration appointment time/date, up through January 19, 2016 for Spring 2016 classes. After January 19, 2016, our system may be accessed for enrollment in late start, short-term classes only, or for dropping classes, or for reviewing your grades for past semesters.
- For short-term classes, the online PAWS system is available up to the day before the class begins or up until the class closes (fills).
- PAWS online registration system can be accessed Monday - Saturday, 6:00am to 12:00am. Some Sundays are also available unless system maintenance is being conducted.

CLOSED AND CANCELLED CLASSES:

- Any class may be closed to further enrollment when it reaches the maximum size. Students are entitled to a full refund of enrollment fees for any class cancelled by Hartnell College.

WAIT LISTS & CLOSED CLASSES

- Students will be able to place themselves on a waitlist for closed classes.
- Once you have added your name to the waitlist, you can check your status on PAWS. Click on “Manage My Waitlist.”
- If space becomes available in the waitlisted section, the system will automatically register the first person on the waitlist.
- An email will be sent to the student’s Gmail account to notify them of registration and fees.

DROPS/NO SHOWS:

- Students who are not present at the first class meeting may be dropped by the instructor as a “no show”. However, it is the student’s responsibility to drop any class in which he/she is not planning to attend. Failure to do so may result in an “F” grade. Students may drop a class by using PAWS. An instructor’s signature is NOT required to drop.
Schedule Changes (Add/Drop Period):
January 21 – February 6, 2016

**ADDS:** No full semester course may be added after the published deadline February 6, 2016. The Add Code must be processed using PAWS for Students by midnight Saturday, February 6, 2016.

As of the first day of the class, regardless of whether the class is open or closed, you must get permission from the instructor by obtaining an **Add Code.** Instructors will only issue an Add code before or after class. PLEASE DO NOT INTERRUPT THE INSTRUCTOR WHILE THE CLASS IS IN SESSION. Instructors can also be contacted through their campus email. To obtain the instructors email address, please refer to the directory on [www.hartnell.edu](http://www.hartnell.edu) or through the instructor’s instructional department.

The Add Code works only with our PAWS for Students online registration system. The Add Code has an expiration date, so register immediately. All registration rules still apply for students using Add Codes. Students are ultimately responsible for successfully completing their enrollment using the Add Code on the online registration system PAWS for Students to ensure they are registered for the class.

PLEASE DO NOT INTERRUPT THE INSTRUCTOR WHILE THE CLASS IS IN SESSION TO OBTAIN AN ADD CODE

### How to Use Add Codes

- The Add Codes works only with our PAWS for Students online registration system. Regardless of whether the class is open or closed, as of the first day of the class, the Add Code is required to add a class.
- The instructor will assign an Add Code to the student on an authorization form. Along with the Add Code, the authorization form will include the course name and number, section number, and Add Code expiration date.
- The Add Codes are effective starting on the first day of the class. Register immediately on PAWS, the codes have an expiration date. After the expiration date, the Add Code will no longer give you access to enroll in the class.
- The Add Code can only be used once. Once it is used, the code expires automatically.
- Add Codes can only be used on PAWS for Students at [www.hartnell.edu](http://www.hartnell.edu). Computers are available in the lobby of the CALL building and in the library. Student Ambassadors are available for PAWS registration assistance.
- All registration rules still apply when using Add Codes
  - Application for admissions must be on file with the Admissions and Records Office
  - Students must be free of a conflicting course schedule.
  - Students must meet prerequisite /co-requisite (if applicable)
  - Students must not have any HOLDS on their academic record.
  - Student must have an Excess Units Petition on file if enrolling in 18+ units.
  - K-12 Concurrent Students must have their approved Concurrent Enrollment form on file with Admissions and Records.

To ensure a smooth registration, please be sure that you have access to your PAWS account and are clear of these registration rules. If you are unable to complete your registration due to one of the registration rules, you will need to register in-person with Admissions and Records before your Add Code expires. Please bring the Add Code authorization form with you.

### ELECTRONIC PREREQUISITE CHECKING

All prerequisite courses are listed after course descriptions in this schedule. If you meet this requirement at another college, you must see a counselor immediately to obtain a Prerequisite Clearance form. Unofficial or Official transcripts must be provided. Prerequisite Clearance Forms may take up to 2 working days to process once filed in Admissions & Records.

NOTE: PAWS system is a faster and more convenient registration process. Payments can also be made by using PAWS for students.
HARTNELL COLLEGE – SPRING 2016
PAY FEES

Fees and Tuition

<table>
<thead>
<tr>
<th>Fee Type</th>
<th>Amount</th>
<th>Required of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enrollment Fee</td>
<td>$46.00 per unit*</td>
<td>All students*; (waived for those who qualify for BOGW)</td>
</tr>
<tr>
<td>(No maximum)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-Resident/Foreign Student Tuition</td>
<td>$188.00 per unit*</td>
<td>All Non-California residents (must be paid in addition to enrollment fee)</td>
</tr>
<tr>
<td>Student Activities Fee**</td>
<td>$10.00 per semester</td>
<td>All students; unless the student applies for a Student Activities Fee Waiver from the Office of Student Life.</td>
</tr>
<tr>
<td>Transcript Requests (official)</td>
<td>$6.00 per copy (first two copies are free)</td>
<td>All students; payable at the time of written transcript request</td>
</tr>
<tr>
<td>Transcript Request Rush Service</td>
<td>$12.00 per copy in addition to the $6.00 per copy fee</td>
<td>All students; payable at the time of written transcript request</td>
</tr>
<tr>
<td>Faxing of Transcripts</td>
<td>$12.00 per copy in addition to the $6.00 per copy fee</td>
<td>All students; payable at the time of written transcript request</td>
</tr>
<tr>
<td>Late Graduation Petition</td>
<td>$20.00</td>
<td>All students; payable at the time of submission of late graduation petition</td>
</tr>
<tr>
<td>Duplicate Diploma</td>
<td>$20.00 per copy</td>
<td>All students; payable at the time of written request</td>
</tr>
<tr>
<td>Record Subpoena</td>
<td>$15.00</td>
<td>All students; payable at the time of written request</td>
</tr>
<tr>
<td>Parking Fee*** (Permits are available Online Only)</td>
<td>$40.00 per semester or $20.00 per semester for (Financial Aid Students) OR $2.00 daily permit</td>
<td>All vehicles must park in designated student parking spaces only; this includes evenings and Saturdays.</td>
</tr>
</tbody>
</table>

NOTE: Fees shown are those in effect at the time of publishing and are subject to change*. Fees may be paid by cash, check, VISA or MasterCard for the exact amount. *The District reserves the right to change enrollment and non-resident tuition fees, based on state legislation. All fees are due by the deadline dates or you will be dropped from all of your Fall classes.

See the New Student Fee Collection Policy on the next page.

STUDENT ACTIVITIES FEE**
The Student Activities Fee is a student fee charged per semester at all campuses. This fee will fund activities and services for students for the entire Hartnell College student body. Part of this fee supports the Associated Students of Hartnell College, student clubs, governance activities, and the student I.D. card (CatCard). Photo identification is required when you use many of the services at Hartnell College. During the semester, photo I.D. services will be available in the Office of Student Life (C-140).

For a complete list of other services/benefits please stop by Office of Student Life located in the Student Center, C-140.

FINANCIAL Assistance
We Can Help you!

You are encouraged to call (831) 755-6806 or visit the Financial Aid Office (CALL Building), or visit the website at www.hartnell.edu/financial_aid/ for more information.

Financial Aid Programs consists of programs, which are funded and regulated by the federal and state governments. The programs consist of three different types: Grants, Work and Loans.

Grants – A Grant is money which students do not have to work for or repay. Students with bachelor’s degrees are not eligible for grants.

Federal Pell Grant – Grants may range from $1,113 - $5,775 per year. Grant awarded according to formula based on need.

Federal Supplemental Education Opportunity Grant (FSEOG) – will range from $100 to $200 per academic year depending on Federal Allocations.

Board of Governors Fee Waiver (BOGFW) – is a financial assistance program to offset enrollment fees. The Financial Aid Office determines student eligibility based on state guidelines and waives enrollment fees if eligible.

Cal Grants A, B, C, CA Dream Act – Students can only receive one type of Cal Grant. California Student Aid Commission awards this state grant.

Federal Work Study – Self Help Aid Work. Earn up to $3,000 in an academic year.

Applying for federal financial aid is free! Apply on line at www.fafsa.ed.gov

PARKING FEES***
For fall and spring semesters, students must request a parking refund from the Cashier’s Office. A 100% refund will be given through the second week of the semester upon complete withdrawal from classes. The parking permit must accompany the Request for Parking Refund form. The same requirements apply to summer session; however, a 100% refund is only given through the first week of the session.

**The District reserves the right to change parking fees based on Hartnell College Board Policy 2255.
PAY FEES

Payment Deadlines
All students are required to pay their enrollment fees and any outstanding balances by the deadline or you will be dropped from all Spring 2016 classes. If you add classes after your initial registration, you must check your account balance and pay any additional fees before the next payment deadline or you will be dropped from all your Spring 2016 classes, even those you registered for earlier.

DON’T WAIT IN LINE, PAY ON-LINE!
In addition to paying your fees at the Cashiers’ Office, you can pay your fees on-line through PAWS at www.hartnell.edu. The system accepts VISA, MasterCard, American Express and Discover Cards.

<table>
<thead>
<tr>
<th>If you register/add classes between the dates shown below:</th>
<th>You MUST</th>
<th>You MUST</th>
<th>OR</th>
</tr>
</thead>
<tbody>
<tr>
<td>November 2 – November 19</td>
<td>Submit your FAFSA application for the 2015-2016 academic year by the dates indicated below:</td>
<td>Submit BOG fee waiver <em>for Spring 2016 to Financial Aid</em> or Student Veterans see VA Representative**, or Dept. of Rehab Students*** see the Cashier by these dates:</td>
<td>You MUST pay by the deadline below for ALL your Spring 2016 classes to avoid being dropped</td>
</tr>
</tbody>
</table>

*The BOG fee waiver program waives enrollment/tuition fees for eligible California residents for the 2015 – 2016 academic year.

**If you are a Veteran (VA) Student, you must see the VA Representative by the dates indicated above to ensure you will not be dropped for non-payment for Spring 2016.

***If you are a Department of Rehabilitation Student, you must submit a voucher from the Department of Rehabilitation to Hartnell’s Cashier’s Office by the dates indicated above to ensure you will not be dropped for non-payment for Spring 2016.

Financial Assistance Available
Those requiring financial assistance should register for financial aid early! If you are a financial aid student or need financial assistance, stop by the Financial Aid Office. To ensure that your financial aid will be processed for the Spring semester fees owed, you must complete your 2015-2016 FAFSA application or file a BOGW Fee waiver by the date noted above depending on when you registered.

Out-of-State Tuition Assistance Request
Out-of-State Students looking for assistance in paying their out-of-state tuition and enrollment fees may be able to request a Delay of Payment. (The Delay of Payment request is NOT available to International Students on an F1 Visa.)

To obtain a “Petition for Delay of Payment of Enrollment/Tuition Fees for Out of State Student” you may complete the paper application that is in this schedule of classes or you may pick up a form at the Financial Aid Office.

NOTE: Petitions for Delay of Payment forms must be submitted each semester in which you wish to request assistance by the established deadline. To maintain continued eligibility, you must fulfill your previous semester’s obligation to pay your full balance by the date specified on your last Petition for Delay of Payment form.
Money Matters
Hartnell College participates in the Chancellors Office COTOPs program which is a collection process for any unpaid outstanding balance on your student account. Unpaid balances are reported once a year to the Franchise Tax Board and will affect any eligibility for State Tax Refunds.

Student Enrollment Fees Refund Information
For all Enrollment and Non-Resident Tuition Refunds a reversal of enrollment or tuition shall be made in accordance with the schedule listed below for reduction in program or withdrawal from class(es). Note, that class(es) must be dropped by the end of the 2nd week for full semester classes. We begin processing refunds the week following the last day of the add/drop period.

Full Semester Classes (16-to 18-week Classes)
- A 100% refund is given upon withdrawal during the first two weeks of the semester.
- No refund or credit is given after withdrawal beyond the second week of the semester, even if registration occurred after the 1st week of school.
- Refunds will not be processed for amounts under $10.00, you may use the credit to pay other fees or apply to the following term.
- If no Enrollment Fee Refund Request form is submitted, credit balances may be applied or carried forward to future semesters.
- All refunds may be processed through your HigherOne account

Financial Aid Enrollment Fee Refunds
If subsequent to paying enrollment fees, a student becomes eligible for financial aid and receives an enrollment fee waiver (BOGFW), the student should contact the Cashier’s Office.

Non-Resident/Foreign Tuition
The refund process shall be initiated upon receipt of an Enrollment Fee Refund Request form to be submitted by the 4th week of classes to the Cashier’s Office. Class(es) must be dropped before requesting a refund. If no Enrollment Fee Refund Request form is submitted, credit balances may be applied or carried forward to future semesters.

The schedule of refunds for non-resident/foreign tuition is below.

<table>
<thead>
<tr>
<th>Fall/Spring Semesters</th>
<th>Refund Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before or during the first week of the session</td>
<td>100% of the original fees paid</td>
</tr>
<tr>
<td>During the second week of the session</td>
<td>75% of the original fees paid</td>
</tr>
<tr>
<td>During the third week of the session</td>
<td>50% of the original fees paid</td>
</tr>
<tr>
<td>During the fourth week of the session</td>
<td>25% of the original fees paid</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer Sessions</th>
<th>Refund Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Before or during the first week of the session</td>
<td>100% of the original fees paid</td>
</tr>
<tr>
<td>During the second week of the session</td>
<td>50% of the original fees paid</td>
</tr>
<tr>
<td>During the third week of the session</td>
<td>25% of the original fees paid</td>
</tr>
</tbody>
</table>

Example:
Course is: 100% Refund if Withdrawal
Scheduled: is completed by the End of
4-week session: 2nd day of session
6-week session: 3rd day of session
8-week session: 4th day of session

Note: Classes meeting fewer weeks or fewer days per week will have shorter withdrawal periods based on their 10% point.
The Hartnell College ID (CatCard) is the official identification card for all Hartnell College students, faculty and staff. The Hartnell College Student ID Card (which carries the student’s picture, name, student ID number, library bar code, and validation sticker) is issued to new students free of charge one time when they first attend Hartnell College. New students receive their validation sticker (if all fees have been paid) when they pick up their new card; continuing students, however, will receive validation stickers (if all fees have been paid) every subsequent semester enrolled at Hartnell College, and will be issued by the Office of Student Life or Cashier’s Office. The sticker is applied once all fees have been paid and serves as proof of enrollment each semester.

The Hartnell College Student ID Card will be replaced if the magnetic stripe on the card does not appear to be functioning properly. I.D. Cards which are lost, stolen, damaged by student, or in need of a new picture will be replaced at a cost of $5.00. All other reasons for replacement of the Hartnell College Student ID Card will be assessed on an individual basis by the Office of Student Life.

WHERE DO I GET MY STUDENT ID CARD?

Locations:  
Student Center C-140  
Monday-Thursday 9:00 am - 6:00 pm  
Friday 8:00 am-5:00 pm  
King City Education Center  
Monday-Thursday 9:00 am - 4:00 pm

NOTE: Printed receipt showing student has paid for the Student Activities Fee for the semester is required.

WHAT CAN I DO WITH MY ID CARD?

Your ID Card can be used at the following locations:

- **Copier/Printing Dollars** - Are required in order to use the printers, copiers.
- **Library** - Also serves as your library card.
- **Book Voucher** - Book assistance program from ASHC.
- **Bookstore** - Can be used to purchase items in the Hartnell College Bookstore.
- **Cafeteria** - Can be used to purchase food items.
- **MST Free Fare Zone** - Free fare between Hartnell Campuses.
- **Western Stage** - Free admission to all Western Stage productions.
- **Free admission** - To home games.
- **Merchant Discounts** - Local merchants may provide purchase discounts.

HOW DO I DEPOSIT MONEY ON MY STUDENT ID CARD?

Hartnell College students have the capability to deposit money via Automatic Deposit Machine (ADM) located on the main campus at the Library and Learning Resource Center and near the Business Services office in the E Building. An ADM is also located at the King City Center. Students can also make a deposit to their card using the Hartnell College’s homepage using a credit card.

ID CARD REFUNDS

A refund may be requested, prior to July 25 for the previous academic year, for balances over $10.00 at the Cashier’s window. A check will be issued within six weeks of the request.

ID CARD Funds

ID Card balances, for the prior academic year, will be forfeited after July 25. Students should spend funds on their card prior to this date to avoid loss of funds.

ID CARD LIFE

ID Cards are issued to students on their first semester at Hartnell. ID Cards for returning students are activated upon payment of the Student Services/Activity fee. All funds put on ID Cards must be used up before July 25.

High School Juniors, Seniors and AP Students are invited to use the Hartnell Library. To get a library card/Hartnell identification card, please visit the Circulation Desk within the Library.
DSPS offers comprehensive support services and accommodations to meet students’ disability-related academic needs. Students with documented disabilities may receive services such as:

- Academic Accommodations
- Alternate Media
- Assistive Technology
- Career
- Deaf Services/Interpreting
- Disability Management and Personal Counseling
- Learning Disability Assessment

Additionally, DSPS offers instruction courses designed to address the needs of students with disabilities.

For more information stop by the DSP&S office in B 107 or telephone the DSP&S office at (831) 755-6760

The Hartnell College CalWORKs Program serves County CalWORKs Cash Aid recipients who are enrolled at Hartnell College.

The CalWORKs program offers the following services:

- Counseling services to develop an educational plan in accordance to the student’s welfare-to-work plan.
- Book vouchers
- Student Success Workshops
- Calculator lending program
- On campus CalWORKs Work Study

**Continuing students must submit a current Passport to Services every semester. You may obtain a Passport to Service from your CWES case worker.**

The CalWORKs Office is located on the first floor of building B in room 130. Office hours are Monday-Friday 8:00 a.m.-5:00 p.m. For more information call (831) 755-6860.

Our Primary Services Include:
- Academic Counseling & Guidance, Tutoring, Peer Advising, First Year Experience, First Year Summer Transition (STP) Program.

Our Secondary Services Include:
- Study Center, Textbook Lending Library, Visits to 4-Year Universities, Personal Finance Workshops, Cultural & Campus Activities, and FAFSA and Scholarship Aid.

To qualify for SSS/TRIO, a student must:

* Be a citizen or legal resident of the United States
* Be at full-time student (12 units), working toward an AA degree at Hartnell College and/or planning to transfer to a university
* Have completed less than 30 degree applicable units
* Have an academic need and:
* Have financial need according to Federal financial aid criteria and/or be a first generation college student (meaning neither parent has earned a Bachelor’s degree). For more information & for workshop dates please contact us by phone at (831) 759-6013
HARTNELL COLLEGE – SPRING 2016

STAY ON TRACK

Veterans’ Services

Hartnell College is approved as an institution of higher learning for veterans and veterans’ dependents entitled to educational assistance. The Veterans Office staff provides assistance to Veterans and dependents in planning educational programs, referrals to community agencies, as well as helping students make the transition from military to student life at Hartnell. Additional services include: computers and printing for student use, Veterans Book Lending, on site tutors, and Veterans Club activities. Certification to the Veterans Administration for educational benefits and admissions enrollment in the College are separate functions. The College’s Certifying Official is located in the Veterans Office. It is important that VA beneficiaries notify both the Admissions & Records Office and the College’s Certifying Official before they enroll in classes. Additional Veterans information is located in the Admissions section of this catalog under Service Member’s Opportunity College, and non-traditional credit (military courses, MOS DANTES, etc.).

For further information, please refer to our website at www.hartnell.edu/veterans-service-center, or call (831) 755-6909. The Veterans Office is located in the Student center Building C-138.

Foster & Kinship Care Education

The California Community Colleges have established the Foster Youth Success Initiative (FYSI) to assist former foster youth in accessing and successfully completing college. FYSI Liaisons are located in the Student Support Services Departments. For more information, call (831) 770-7039.

Mathematics Engineering Science Achievement

WHAT DOES MESA OFFER?

- MESA Student Center in MER30 where students can study in a supportive environment;
- Computer equipment and space for study groups in the Student Center;
- Tutoring for individuals and groups in transfer level math and science courses;
- Academic Excellence Workshops that accompany some math and science classes;
- Academic, career, and personal counseling;
- Workshops on scholarships, internships and financial aid;
- Field trips to universities, science museums, industries, and research centers; and
- Book check-out program.

If you are interested in joining the program and would like to pick up an application, drop by MER30, and learn more about the program.

ACADEMIC REQUIREMENTS

MESA students must

- be a math, science, engineering or computer science major;
- intend to transfer to a four-year college;
- be eligible to take Math 121 (Elementary Algebra) or higher-level math;
- sign an enrollment application; and
- prepare a three-year education plan.

When applying to the Hartnell College MESA Program, students must qualify under both the Educational and Financial Criteria.

Education Criteria:

1. First-generation college student
2. Attended federally designated high school
3. Under 24 years old and living independently
4. Began with math assessment below MAT121

Financial Criteria:

- Eligible for EOPS
- Board of Governors Fee Waiver
- GAIN Participants
- Receiving Financial Aid
- Work-Study Eligible
- TRIO Programs Participants
The documents in this section include and refer to the Hartnell Community College Governing Board policies for Students; BP 5500 Standards of Conduct, BP 5505 Student Complaints and Grievances, and BP 5230 Drug Free Campus – Students.

As an institution of higher education, Hartnell College is dedicated to providing an environment, programs, services, and instruction that helps expand the abilities, preparation, contributions, and growth of students. We take this responsibility seriously. A student enrolling at Hartnell College assumes an obligation to act in a manner compatible with the College’s functions as an educational institution. These regulations apply on campus and at all College-sponsored activities or at activities sponsored by College clubs or organizations on or off campus, except where specifically limited. Students shall be subject to College discipline for any student misconduct, which occurs at any off-campus facility or college-approved or sponsored function.

**Adherence to Standards**

All Hartnell College students are required to familiarize themselves with, as well as to conform to, College rules and regulations governing personal conduct on all campuses of the institution. Violation of such rules and regulations will be subject to disciplinary action.

- Hartnell College Student Handbook
- Student Complaint Form

**Other Complaint Processes**

Students and members of the public who desire to file a formal complaint with the California Community College Chancellor’s Office or the Accrediting Commission for Community & Junior Colleges (AACJC) may do so by following the web links shown below:

- **Chancellor’s Office**
  - California Community Colleges Chancellor’s Office > Complaints Form

- **Accrediting Commission for Community & Junior Colleges**
  - Accrediting Commission for Community and Junior Colleges | Western Association of Schools and Colleges

**Course Audit Policy**

The Board authorizes a person to audit a community college course, and the district may charge that person a fee pursuant to CEC section 76370. The CEO or designee establishes procedures to course audit. Auditing fees will be charged as authorized in BP 5030 and published in the schedule of classes for each term.

**General Regulations**

Course Audit may be allowed under the following conditions:

1. Auditors must be eligible for admission to the college as regularly enrolled students.
2. Auditors must have exhausted their eligibility to enroll in the course for credit.
3. Students enrolling for credit will have priority in all credit classes. Auditors are required to attend the first class meeting but will be permitted to register for the course only at the conclusion of the add/drop period and on a space available basis, but no later than the third week of classes for the fall/spring semesters and two weeks for summer/intersession.
4. Course outline of record must reflect the course is eligible for audit.
5. K-12 Concurrent Enrollment students are not permitted to audit.
6. Faculty members instructing audit-eligible courses have the right to refuse auditors.
7. Audited classes will not be posted to the student’s academic transcript.
8. No transfer from audit to credit status or the reverse will be permitted.
9. Auditors will not be charged the regular enrollment fee that is paid for credit enrollment. As established in Education Code 76370, a non-refundable audit fee will be charged and is payable by the end of the fourth week of classes for the fall/spring semesters and third week for summer/intersession. Students enrolled in ten or more credit units will not be charged a fee for auditing three or fewer units per semester.
10. Regular material fees and/or course costs will be charged to auditors.
11. Auditors will be allowed to purchase parking permits.
12. The non-resident tuition fee will not apply to auditors.

**Auditing Procedures**

1. A prospective auditor will bring the “Petition to Audit” form to the instructor at the conclusion of the add/drop period.
2. If the instructor approves, s/he signs the form.
3. The auditor then secures the signature of the Area Dean.
4. The auditor returns the completed petition to Admissions & Records.
5. The auditor will be required to pay a non-refundable audit fee of $15.00 per unit, payable immediately after registering at the Cashier’s Office, and will be charged for all instructional materials.
6. The auditor will give the yellow copy of the Petition to Audit form to the instructor to indicate that the auditor has paid the audit fee.

**Courses**

- **ADMINISTRATION OF JUSTICE** – 1, 2, 3, 4, 5, 10, 11, 12, 21A, 25, 30, 33, 34, 36, 50, 51, 61
- **ART** – 100, 101, 102, 103
- **BIOLOGY** – 5
- **BUSINESS** – 18, 50, 109,150,
- **CONSTRUCTION** – 101, 104, 128, 136, 140, 142, 144, 146, 149, 154
- **DRAFTING** – 50, 52, 64, 70, 71, 72
- **MATH** – 2, 12, 16, 123
- **MUSIC** – 1A, 1B, 20, 21, 23.1, 23.2, 23.3, 23.4, 23.5, 24, 26, 29.1, 29.2, 29.3, 29.4, 29.5, 34.1, 34.2, 34.3, 34.4, 34.5, 50B, 51B, 52A
- **PHYSICAL EDUCATION ACTIVITY** – ALL PEAC COURSES
- **SPANISH** – 1, 1S, 1X, 2
- **THEATER ARTS** – 4, 10, 11, 20, 21, 25, 27, 30, 31, 40, 41, 51
HARTNELL COLLEGE – SPRING 2016

ALERT: Important Course Repeat Policy Update

The Hartnell College Course repetition policy has now changed significantly. This could have an impact on many students and it is important that you understand this change as you select your courses. Students may no longer enroll in the same course more than three times at Hartnell College. Please note that “current enrollments” in all courses will now be calculated towards this enrollment maximum. As an example, if you previously earned a “W” in Math 123, are currently enrolled in Math 123 this Spring and are now attempting to take Math123 one more time in Fall 2014, this would be considered your “third enrollment” and subject to approval from Counseling.

<table>
<thead>
<tr>
<th>Student Action:</th>
<th>What happens:</th>
<th>What’s at stake and why this is important to know:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st enrollment in a course</td>
<td>If you withdraw (receive a “W”) or don’t pass the course, this is called your first “attempt” at the course.</td>
<td>This is your first of three attempts/enrollments. Before you decide to drop, remember that you only have two possible additional opportunities to complete this course.</td>
</tr>
<tr>
<td>2nd enrollment in the course</td>
<td>This is called your “first repetition” of the same course. The system will allow you to enroll on your own.</td>
<td>Be sure you are prepared to complete the course successfully this time. This will be your last opportunity to enroll in the course without prior authorization from Counseling!</td>
</tr>
<tr>
<td>3rd enrollment in the same course</td>
<td>This is called your “second repetition” of the same course. You cannot enroll in the course this time without first meeting with a counselor to submit a Course Repetition Form.</td>
<td>Before being allowed to enroll in the course a third time, you may be advised by the Counselor to re-take the placement assessment to determine if you have appropriate skills to be successful in the course.</td>
</tr>
</tbody>
</table>

Question: So why the new stricter Course Repeat policy? This is a new requirement being imposed by the state of California. This is not a Hartnell College’s regulation but a regulation that is in place at all 112 California Community Colleges.

Question: But what if I need the course to complete my requirements to transfer and have two W’s and an F? This could prevent me from transferring! You should meet with a Counselor to discuss your situation. The Counselor may recommend that you submit a petition for special consideration to the Vice President for Student Affairs Office. Keep in mind, however, there’s no guarantee it will be approved and you may need to take the equivalent course at another community college.

Question: Will exceptions ever be made for fourth enrollment requests? In rare instances exceptions will be made, but you will have to submit a Course Repetition Appeal form. You will also need to explain why a fourth (4th) enrollment is necessary. Please talk to a Counselor first and he/she will let you know if they recommend that you complete a petition for special consideration. If the Counselor recommends an appeal, then you must complete and submit the form to the Vice President for Student Affairs Office.

Question: If my professor writes a letter on my behalf, will that help? Not really. It’s important that you consider the number of units you can successfully complete with your life responsibilities and realize that it may not always be a good idea to withdraw from a course. Dropping a course requires careful consideration -- more so now than ever before.

Question: Can I re-take a course at another community college if I’ve already attempted the course three times at Hartnell College? Yes, you can but your transcript at Hartnell College will remain unchanged. Please see a Counselor for further details.

Question: Is there a specific time frame that is used when reviewing my courses? Yes, as it relates to this new regulation, your total academic history will be used in determining your course repetition eligibility. Hartnell’s computer system for records goes back to 1983.

Question: Do you have any final advice for me? Yes, we recommend you do the following:

<table>
<thead>
<tr>
<th>Talk to your instructor-get to know him/her</th>
<th>Attend &amp; participate in all of your courses</th>
<th>Submit your homework on time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Read your course syllabus</td>
<td>Ask questions in class</td>
<td>Sit in the front row</td>
</tr>
<tr>
<td>Work in study groups</td>
<td>Get a tutor – they are free</td>
<td>Manage your time</td>
</tr>
</tbody>
</table>
Attendance Policy

Regular attendance and consistent study are student responsibilities and the two factors which contribute most to a successful college experience. A College student is expected to attend all of his/her class sessions. It is the responsibility of each student to know the attendance and absence policy of each class in which he or she is enrolled.

Failure to attend class can result in a lower grade or dismissal from class. Any student who stops attending a class without officially dropping it in the Admissions & Records Office may receive a grade of “F.”

The College’s attendance policy relies on the following five basic premises:

1. Students who do not attend the first class meeting may be dropped and may be replaced by other students unless the student notifies the instructor in advance.
2. Any absence from class is detrimental to a student’s progress in that class; therefore, an “excused” absence is no less serious than “unexcused.” Participation in curricular and extra-curricular College activities is acknowledged to be an integral part of a student’s total educational experience. Prior approval from the instructor is necessary for this participation not to be considered an absence.
3. Any lack of attendance which leads an instructor to judge that unsatisfactory progress is being made may result in the student being dropped. Absence from a full semester class in excess of two weeks (consecutive or non-consecutive) may result in the instructor dropping the student. That is, a student may be dropped after missing one more class meeting than twice the number of class meetings per week.
   - Absences in excess of one week (consecutive or non-consecutive) from a Summer session class, or any regular semester class from 6-17 weeks in duration, may result in the instructor dropping the student. That is, a student may be dropped after missing one more class meeting than the number of class meetings per week.
   - Absence in excess of 10% of the scheduled class meetings in classes from 1-5 weeks in duration may result in the instructor dropping the student. That is, a student may be dropped after missing one more class meeting than 10% of the total number of scheduled class meetings.
4. When a student is dropped due to the attendance policy, the assignment of a “W” will be based on the drop occurring before the fourteenth week for a full semester class. After the fourteenth week, no drops are allowed, and the only grades given will be A, B, C, D, F, P, and NP. It is the student’s responsibility to withdraw formally from classes by the last day to withdraw with a “W.” Any student who stops attending a class without officially dropping it in the Admissions & Records Office may receive a grade of “F.”
5. If the student has been dropped due to the attendance policy, the instructor may reinstate the student only if all of the following conditions are met:
   a. the student had been doing satisfactory work,
   b. in the judgment of the instructor, the student has a reasonable chance of passing the course, and
   c. the student verifies extenuating circumstances beyond his/her control.

The student must complete a student reinstatement form with supporting documentation. Student reinstatement forms can be obtained from the Admissions & Records Office.

If the student is denied reinstatement, the student may petition the VP of Student Affairs.

Rev.02/25/11

PARKING PERMIT INFORMATION

HOURS OF OPERATION AND ENFORCEMENT
1. Parking fees will be ENFORCED from 8:00 am to 8:00 pm Monday through Friday.
   All zones, red (emergency), blue (handicapped), orange (staff parking), and green (limited) will be enforced during the above hours.
2. Parking fees will not be enforced on the weekends or during school holidays except for red zones and handicapped, which will be enforced 7 days a week.

STUDENT PARKING PASS
1. The student parking pass allows you to park in any student parking space and in any lot.
2. The student parking pass costs $40 per semester ($20 for Financial Aid Students).
3. The student parking pass must be plainly displayed on the rear view mirror or the vehicle will be ticketed.
4. Abandoned vehicles will be towed.

For Complete Parking Regulations go to www.hartnell.edu/safety and click on the link.

DAILY RATE
1. Parking is two dollars a day ($2) in all lots including the Parking Structure.
2. Parking permit vending machines located in all surface lots require quarters.
3. In all lots the $2.00 permit must be plainly displayed on the dashboard for the vehicle campus security.
HARTNELL COLLEGE – SPRING 2016
TELEPHONE NUMBERS and OFFICE HOURS

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**Academic Affairs** 770-7090
Monday - Friday 8:00am-5:00pm
Includes:
- Fine Arts, Social & Behavioral Science 755-6905
- Languages, Learning Support, & Resources 755-6916
- Nursing & Allied Health 770-6146
- Math, Science, & Engineering 755-6875
- Physical & Health Education 755-6830

**Academic Learning Center** 755-6909
Monday - Friday 8:00am-5:00pm

**Academy for College Excellence (ACE)** 755-6723
Monday - Friday 8:00am-5:00pm

**Admissions & Records** 755-6711
Monday - Thursday 8:00am-6:00pm
Friday 9:00am-1:00pm

**Alisal Campus Admissions & Records** 759-6093
Monday-Thursday 9:00am-6:00pm
Friday 8:00am-5:00pm

**Advanced Technology–Alisal Campus** 755-6960
Monday - Thursday 8:00am-7:00pm
Friday 8:00am-5:00pm
Includes:
- Agriculture
- Auto Technology
- Computer Science
- Construction
- Diesel Technology
- Drafting
- Ag Industrial Technology
- Welding

**Assessment Center** 759-6054
Monday - Friday 9:00am-5:00pm

**Bookstore** 755-6775
Monday
Tuesday-Thursday 7:45am-5:00pm
Friday 8:00am-2:00pm

**Cafeteria** 759-6000
Monday - Thursday 7:30am-8:30pm
Friday 7:30am-2:00pm

**CalWORKS** 755-6860
Monday - Friday 8:00am-5:00pm

**Cashier** 755-6998
Monday - Thursday 8:30am-4:30pm
Friday 9:00am-1:00pm

**Counseling Office** 755-6820
Monday - Friday 8:00am-5:00pm
Counseling Available Monday - Thursday 8:00am-7:00pm
Friday 8:00am-4:00pm

**Evening & Weekend Programs** 755-6721
Monday-Thursday 9:30am-9:00pm
Friday 11:30am-9:00pm
Saturday 8:30am-1:30pm

**DSP&S** 755-6760
Monday – Friday 8:00am-5:00pm
Thursday 8:00am-6:00pm

**EOPS** 755-6860
Monday-Friday 8:00am-5:00pm

**Financial Aid Office** 755-6806
Monday - Thursday 8:00am-6:00pm
Friday 9:00am-1:00pm

**HEP** 770-7070
Monday/Thursday 9:00am-7:00pm
Friday 9:00am-4:00pm

**King City Education Center** 386-7100
Monday - Friday 8:00am-5:00pm

**Library & Learning Resource Center** 755-6872

**Computer & Media Services** 759-6091

**Reference Services** 759-6078
Monday-Thursday 8:00am-9:00pm
Friday 8:00am-4:00pm
Saturday 10:00am-2:00pm

**Scholarship Office** 755-6811

**Student Life** 755-6734
Monday-Friday 9:00am-6:00pm

**Student Support Services/TRIO Program** 759-6013
Monday-Friday 8:00am-5:00pm

**Tutorial Center** 755-6815
Monday - Thursday 9:00am-5:00pm
Friday 9:00am-2:00pm

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HARTNELL COLLEGE EMERGENCY COMMUNICATIONS INFORMATION

Campus Safety: 755-6888
Campus Safety King City: 386-7131
Maintenance: 755-6950
Facility Emergency Hotline: 796-6222
Weekend and Evening Program: 755-6721
Website Pop-up Emergency Notice: www.hartnell.edu

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HEP is funded by the US Department of Education Office of Migrant Education. HEP is a migrant education program designed to assist migrant and seasonal field workers to obtain their HSE (high school equivalency) and either employment, military service, apprenticeship, Certificate of Skills Acquisition, Certificate of Achievement, or Associates Degree. Childcare is available for qualified HEP students through CCAMPIS.

CCAMPIS: The Child Care Access Means Parents in School (CCAMPIS) Program, authorized by the Higher Education Act and administered by the U.S. Department of Education, supports the participation of low-income parents in postsecondary education through the provision of campus-based childcare services.

**High School Equivalency Program (HEP) Eligibility:**
- A person and/or his/her immediate family member must have spent a minimum of 75 days during the past 24 months as a migrant or seasonal field worker;
- Not have earned a secondary school diploma or its equivalent;
- Not currently enrolled in an elementary or secondary school;
- Be 18 years of age or over, or beyond the age of compulsory school attendance in the state in which he/she resides;
- Be determined by HEP to need the academic and supporting services and financial assistance provided by the project in order to attain the equivalent of a secondary school diploma and to gain employment or be placed in an IHE or other post-secondary education or training.

**FACEBOOK:** Hartnell College HEP  
**WEBSITE:** https://www.hartnell.edu/hep/
### HARTNELL COLLEGE – SPRING 2016
### FINAL EXAM SCHEDULE

<table>
<thead>
<tr>
<th>Date</th>
<th>8:00 a.m. – 11:00 a.m.</th>
<th>11:30 a.m. – 2:30 p.m.</th>
<th>3:00 p.m. – 6:00 p.m.</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAY</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at 8:00 a.m. or 8:30 a.m.</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at 11:00 a.m. or 11:30 a.m.</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at 3:00 p.m. or 3:30 p.m.</td>
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<tr>
<td>May 23</td>
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<tr>
<td>TUESDAY</td>
<td>All classes meeting TTH or any TTH combination starting before 9:00 a.m. (7:00 a.m., 7:30 a.m., 8:00 a.m., or 8:30 a.m.)</td>
<td>All classes meeting TTH or any TTH combination starting at 11:30 a.m., noon or 12:30 p.m.</td>
<td>All classes meeting TTH or any TTH combination starting at 2:30 p.m. or later.</td>
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<tr>
<td>May 24</td>
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<tr>
<td>WEDNESDAY</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at 9:00 a.m. or 9:30 a.m.</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at noon or 12:30 p.m.</td>
<td>All classes meeting daily MWF, four meetings per week, or any MW or F combination starting at 7:00 a.m., 7:30 a.m., 2:00 p.m. or 2:30 p.m.</td>
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<tr>
<td>May 25</td>
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<tr>
<td>THURSDAY</td>
<td>All classes meeting TTH or any TTH combination starting at 9:00 a.m. or 9:30 a.m.</td>
<td>All classes meeting TTH or any TTH combination starting at 10:00 a.m., 10:30 a.m. or 11:00 a.m.</td>
<td>All classes meeting TTH or any TTH combination starting at 1:30 p.m. or 2:00 p.m.</td>
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<tr>
<td>May 26</td>
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<tr>
<td>FRIDAY</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at 10:00 a.m. or 10:30 a.m.</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at 1:00 p.m. or 1:30 p.m.</td>
<td>All classes meeting daily, MWF, four meetings per week, or any MW or F combination starting at 4:00 p.m. or 4:30 p.m.</td>
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<tr>
<td>May 27</td>
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</tbody>
</table>

**Short courses** are to have their final examinations during their last class meeting, which may include the week of finals if the classes end within the week of May 23 through May 28, 2016.

**Evening and Saturday** classes are to meet at the regular time during the finals week and are to have their final examination as follows:

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>May 23</td>
</tr>
<tr>
<td>Tuesday</td>
<td>May 24</td>
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<tr>
<td>Wednesday</td>
<td>May 25</td>
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<td>Thursday</td>
<td>May 26</td>
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<td>Friday</td>
<td>May 27</td>
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<tr>
<td>Saturday</td>
<td>May 28</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Day</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Monday/Wednesday</td>
<td>May 25</td>
</tr>
<tr>
<td>Tuesday/Thursday</td>
<td>May 26</td>
</tr>
</tbody>
</table>

Students may petition the appropriate area dean for permission to take their final at another time acceptable to the instructor if the student has more than two examinations on any one day.
SPRING 2016
REGISTRATION DATES

CONTINUING STUDENTS
(Except K–12 students)
November 2 – January 19, 2016*

NEW MATRICULATED STUDENTS
November 4 – January 19, 2016*

ALL STUDENTS
(Except K–12 students)
November 13 – January 19, 2016*

CONCURRENT ENROLLMENT STUDENTS
January 11 – January 19*

LATE REGISTRATION
January 11 – January 19*

OPEN TO ALL STUDENTS
8 a.m.–6 p.m. Monday–Thursday
8 a.m. - 5 p.m. Friday
*Registration systems closes on Thursday, January 19 at midnight

January 20 (No Registration)
8 a.m. - 6 p.m

SCHEDULE CHANGES (ADD/DROP)
AN ADD CODE IS REQUIRED
January 21 – February 6
First week of school January 21 - 29
8 a.m.–6:30 p.m. Monday- Thursday
8 a.m. -5 p.m. Friday

Second week of school February 1 - 5
8 a.m.–6 p.m. Monday- Thursday
8 a.m. -5 p.m. Friday