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Degree and Certificate Requirements
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Transfer Information
ACCREDITATION
Hartnell College is accredited by the Accrediting Commission for Community and Junior Colleges, 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 Nursing and Psychiatric Technicians, the Accreditation Commission for Education in Nursing (ACEN). Accreditation by the ACEN is voluntary and insures that Hartnell College's ADN and LVN programs meet the highest standards in nursing education at both the state and national level, the Commission on Accreditation for Respiratory Care (CoARC), Monterey County Emergency Medical Services (EMS), 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.
HARTNELL COMMUNITY COLLEGE DISTRICT
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New Degrees and Certificates of Achievement
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Course Listings Revisions

ACCURACY STATEMENT
The Hartnell Community College District has made every reasonable effort to ensure that information in this catalog is accurate. Courses and programs that are offered, along with other matter contained herein, are subject to change without notice by Hartnell College administration for reasons related to student enrollment, level of financial support, or for any other reason, at the discretion of the District and the College. The District and the College further reserve the right to add to, amend, or repeal any of their rules, regulations, policies, and procedures, consistent with applicable laws.

HARTNELL COLLEGE EMERGENCY COMMUNICATIONS
Campus Security:
(831) 755-6888
Maintenance:
(831) 755-6950
Facility Emergency Hotline:
(831) 755-6700, x5700
Office of Student Affairs:
(831) 755-6822
Office of Academic Affairs:
(831) 770-7090
Advanced Technology Office:
(831) 755-6960
Website Pop-Up Emergency Notice:
https://www.hartnell.edu/about/safety/emergency/
# NEW MATH REQUIREMENT

The following degrees have had a change in the GE requirements as follows:

<table>
<thead>
<tr>
<th>General Education Plans:</th>
<th>MAT-123 or higher</th>
<th>MAT-126 or higher</th>
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<tbody>
<tr>
<td>General Education – Required Courses - Students must complete one of the following General Education Plans:</td>
<td></td>
<td></td>
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<tr>
<td>HCCD GE (see page 66)</td>
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</tbody>
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- Addiction Studies—Associate of Arts
- Administration of Justice—Associate of Science
- Advanced Auto Technology—Associate of Science
- Advanced Diesel Technology—Associate of Science
- Agriculture with an Emphasis—Associate of Science
- Business Office Technology—Information Processing Associate of Science
- Chicanx—Associate of Arts
- Computer Science and Information System—Digital Web and Mobile Development—Associate of Science
- Computer Science and Information System—Network and Security Option —Associate of Science
- Digital Arts—Associate of Arts
- Early Childhood Education—Associate of Science
- General Studies—Areas of Emphasis: Ethnic Groups in the United States—Associate of Arts
- General Studies—Areas of Emphasis: Humanities—Associate of Arts
- General Studies—Areas of Emphasis: Language and Rationality—Associate of Arts
- General Studies—Areas of Emphasis: Natural Sciences—Associate of Arts
- General Studies—Areas of Emphasis: Social and Behavioral Sciences—Associate of Arts
- Kinesiology—Associate of Science
- Manufacturing Technology—Associate of Science
- Music—Associate of Arts
- Nursing-Registered Nursing—Associate of Science
- Nursing-Vocational Nursing—Associate of Science
- Photography—Associate of Arts
- Respiratory Care—Associate of Science
- Spanish—Associate of Arts
- Theatre Arts and Cinema—Associate of Arts
- Welding—Associate of Science
HARTNELL COLLEGE DEGREES AND CERTIFICATES

<table>
<thead>
<tr>
<th>Program</th>
<th>Associate Degree</th>
<th>Certificate</th>
<th>Program</th>
<th>Associate Degree</th>
<th>Certificate</th>
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<td>General Studies:</td>
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<td>Administration of Justice for Transfer</td>
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<td>Ethnic Groups in the United States Emphasis</td>
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<tr>
<td>Advanced Automotive Technology</td>
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<td>Language and Rationality Emphasis</td>
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<tr>
<td>Advanced Diesel Technology</td>
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<td>Natural Science Emphasis</td>
<td>AS</td>
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<tr>
<td>Agriculture Business for Transfer</td>
<td>AS-T</td>
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<td>Geology for Transfer</td>
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<td>AS-T</td>
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<tr>
<td>Agriculture Plant Science for Transfer</td>
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<td>History for Transfer</td>
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<td>AA-T</td>
</tr>
<tr>
<td>Agriculture with Emphasis</td>
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<td>Kinesiology for Transfer</td>
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<tr>
<td>Business Emphasis</td>
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<td>Kinesiology</td>
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<td>AS</td>
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<td>Production Emphasis</td>
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<td>Intersegmental General Education Transfer</td>
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<td>Food Safety</td>
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<td></td>
<td>Liberal Arts:</td>
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<tr>
<td>Astronomy</td>
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<td></td>
<td>Anthropology Emphasis</td>
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<tr>
<td>Basic Computer Literacy</td>
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<td>Culture and Society Emphasis</td>
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<tr>
<td>Basic English</td>
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<td>Humanities Emphasis</td>
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<tr>
<td>Biology for Transfer</td>
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<td>Languages and Literature Emphasis</td>
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<tr>
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<td>Philosophy Emphasis</td>
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<td>Political Science Emphasis</td>
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<td>Business Office Technology:</td>
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<td>Psychology Emphasis</td>
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<tr>
<td>Bookkeeping</td>
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<td>Sociology and Social Sciences Emphasis</td>
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<tr>
<td>Business Information Worker Level 1</td>
<td></td>
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<td>Law, Public Policy and Society</td>
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<tr>
<td>Business Information Worker Level 2</td>
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<td></td>
<td>Manufacturing Technology</td>
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<tr>
<td>Information Processing</td>
<td>AS</td>
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<td>Mathematics for Transfer</td>
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<tr>
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<td>Music for Transfer</td>
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<tr>
<td>Chicxu Studies</td>
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<td></td>
<td>Music</td>
<td>AA</td>
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<td>Communication Studies for Transfer</td>
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<td>Nursing: Registered Nursing</td>
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<td></td>
<td>Vocational Nursing</td>
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<td>AA</td>
</tr>
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<td>Computer Science and Information Systems:</td>
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<td>Photography</td>
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<tr>
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<td>Physics for Transfer</td>
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<tr>
<td>Digital Web and Mobile Development</td>
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<td>Political Science for Transfer</td>
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<td>Mobile Development Option</td>
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<tr>
<td>Web Development Option</td>
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<td></td>
<td>Psychology</td>
<td>AA</td>
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<tr>
<td>Network and Security Option</td>
<td>AS</td>
<td></td>
<td>Public Health Science for Transfer</td>
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<td>AS-T</td>
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<tr>
<td>Construction Management and Architecture</td>
<td>AS</td>
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<td>Respiratory Care</td>
<td>AS</td>
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<tr>
<td>CSU/General Education Breadth</td>
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<td>Social Justice for Transfer</td>
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<tr>
<td>Early Childhood Education</td>
<td>AS</td>
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<td>Sociology for Transfer</td>
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<td>AA-T</td>
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<td>Economics for Transfer</td>
<td>AA-T</td>
<td></td>
<td>Spanish for Transfer</td>
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<td>AA-T</td>
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<tr>
<td>Elementary Teacher Preparation for Transfer</td>
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<td></td>
<td>Spanish</td>
<td>AA</td>
<td></td>
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<tr>
<td>Engineering</td>
<td>AS</td>
<td></td>
<td>Studio Arts for Transfer</td>
<td></td>
<td>AA-T</td>
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<tr>
<td>Engineering Fundamentals</td>
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<td></td>
<td>Theatre Arts for Transfer</td>
<td></td>
<td>AA-T</td>
</tr>
<tr>
<td>English for Transfer</td>
<td>AA-T</td>
<td></td>
<td>Theatre Arts and Cinema</td>
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<tr>
<td>Film, Television and Electronic Media</td>
<td>AS-T</td>
<td></td>
<td>Welding Technology</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Associate Degree (AA or AS) programs allow students the benefits of a general college education and the option of choosing occupational training, liberal arts, or concentration in a discipline in the College. The Associate in Arts for Transfer (AA-T) and the Associate in Science for Transfer (AS-T) are intended for students who plan to transfer and complete a bachelor's degree in a similar major at a CSU campus. In addition, Hartnell College offers a variety of programs designed to develop and upgrade vocational proficiency and for which Certificates of Achievement are offered.

Students must submit a Petition for Associate Degree/Certificate of Achievement to be evaluated for eligibility to be awarded a Degree or Certificate. Deadlines for filing the Petition are noted in the Schedule of Classes and are posted in the Admissions and Records Office. To be awarded a Certificate of Achievement from Hartnell College, it is required that at least half of the required number of units be taken at Hartnell College.

Not all courses required for listed programs may be offered during this catalog cycle. Please contact a counselor for current Information (831) 755-6820.
NEW DEGREES and CERTIFICATES

- Basic Computer Literacy—Certificate of Completion

DEGREES and CERTIFICATES UPDATES

- Business Information Worker Level 1—Certificate of Achievement
- Business Information Worker Level 2—Certificate of Achievement
- Business Office Technology—Associate of Science
- Engineering—Associate of Science
- Engineering Fundamentals—Certificate of Achievement
- Kinesiology—Associate in Arts for Transfer
- Mathematics—Associate in Science for Transfer
- Nursing—Registered Nursing—Associate of Science
- Nursing—Vocational Nursing—Associate of Science
- Respiratory Care—Associate of Science
- Theatre Arts and Cinema—Associate of Arts
BASIC COMPUTER LITERACY

PROGRAM

- Certificate of Completion

DESCRIPTION

The Certificate of Completion in Basic Computer Literacy is awarded upon the successful completion of BUS 600, 605, and 610. This noncredit program is intended for individuals with limited or no technology skills to provide basic computer literacy to lead to improved employability (career path or job opportunities) or to prepare students to take degree-applicable credit courses.

PROGRAM GOALS AND OBJECTIVES:

This noncredit program will provide students with limited or no technology skills an opportunity to learn/improve keyboarding skills, to learn and use computer terminology and concepts, and to develop basic computer application skills. Students will also learn to use email and the Internet. The program-level learning outcome is “Given a course or work assignment, a student will be able to use keyboarding skills and computer technology/applications to produce basic business documents, emails, and Internet searches.” Course materials for this program will be approximately $70.

*There is a $10 Student Activities fee. However, there are no tuition fees because noncredit courses do not earn units/credits.

REQUIRED COURSES

- BUS-600 – Beginning Keyboarding
- BUS-605 – Basic Computer Concepts
- BUS-610 – Introduction to the Internet and Email

Students must successfully complete BUS 600, 605, and 610, which are offered fall, spring, and summer sessions. While students may complete the certificate in any sequence, it is recommended that the numbering sequence be followed since keyboarding and a knowledge of basic computer concepts will allow for more efficient use of the applications.

FOR MORE INFORMATION

CALL (831) 755-6701
BUSINESS INFORMATION WORKER

PROGRAMS

- Certificates of Achievement

DESCRIPTION

BUSINESS INFORMATION WORKER LEVEL 1

This certificate prepares students with basic office skills to perform entry-level business office related tasks. Course offerings introduced the students to concepts such as customer service, office procedures and business communication. In addition, students acquire beginning technology skills that include word processing, spreadsheets, preparation software, personnel management software, and computer literacy.

BUSINESS INFORMATION WORKER LEVEL 2

This certificate is a continuation of the Business Office Professional pathway building on the courses already completed for the Level 1 certificate. Additional courses taken provide a continued focus on the development of office and technology skills including career management, filing procedures and record management, and computer applications including MS Word and personal management software.

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Administrative Assistant
- Billing and Posting Clerks
- Customer Service Representatives
- Executive Secretaries and Executive Administrative Assistants
- File Clerks
- Secretary

GAINFUL EMPLOYMENT INFORMATION:

See the certificate program cost and the employment outlook for graduates by clicking the link below:

http://www.hartnell.edu/gainful-employment-certificate-programs-0

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

https://www.hartnell.edu/students/fa/net-price-calculator.html
## BUSINESS INFORMATION WORKER LEVEL-1 (CT.BIW1)

### CERTIFICATE OF ACHIEVEMENT

**Program Outcomes:** Upon successful completion of this program a student will be able to:
- demonstrate the ability to use office related computer application software such as MS word, excel, powerpoint, and access.
- demonstrate knowledge of basic entry-level office computer skills and processes (keyboarding and 10-key)
- demonstrate basic oral and written business communication skills
- efficiently use a computer to perform basic office tasks including electronic file management.

### Required Major Courses (17 units)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS-50</td>
<td>Introduction to PC Applications</td>
<td>4.0</td>
</tr>
<tr>
<td>BUS-110</td>
<td>Beginning Keyboarding &amp; Formatting</td>
<td>2.0</td>
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<tr>
<td>BUS-110A</td>
<td>Beginning Keyboarding</td>
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<tr>
<td>BUS-110B</td>
<td>Beginning Formatting and Document Processing</td>
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</tr>
<tr>
<td>ENG-102</td>
<td>Composition and Reading for CTE</td>
<td>3.0</td>
</tr>
<tr>
<td>BUS-135</td>
<td>Professional Office Skills</td>
<td>4.0</td>
</tr>
<tr>
<td>BUS-172</td>
<td>Machine Calculations</td>
<td>1.0</td>
</tr>
<tr>
<td>MAT-106</td>
<td>Integrated Mathematics</td>
<td>3.0</td>
</tr>
</tbody>
</table>

**TOTAL: 17 UNITS**

### GAINFUL EMPLOYMENT INFORMATION:

See the certificate program cost and the employment outlook for graduates by clicking the link below:

[http://www.hartnell.edu/gainful-employment-certificate-programs-0](http://www.hartnell.edu/gainful-employment-certificate-programs-0)

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CERTIFICATE OF ACHIEVEMENT

Program Outcomes: Upon successful completion of this program a student will be able to:
- successfully demonstrate oral and written skills used in the job searching process.
- create, edit and format a variety of business documents.
- demonstrate proficiency in using personal management software.
- demonstrate ability to use a variety of record management techniques.

(Complete all BiW1 courses listed) (17 units)
- BUS-50 – Introduction to PC Applications 4.0
- BUS-110 – Beginning Keyboarding & Formatting 2.0
  OR
  BUS-110A – Beginning Keyboarding 1.0
  AND
  BUS-110B – Beginning Formatting and Document Processing 1.0
- ENG-102 – Composition and Reading for CTE 3.0
- BUS-135 – Professional Office Skills 4.0
- BUS-172 – Machine Calculations 1.0
- MAT-106 – Integrated Mathematics 3.0

Required Major Courses (11 units)
- BUS-136 – Personal Information Management 2.0
- BUS-150.15 – Word Processing 3.0
- BUS-173 – Filing Procedures and Records Management 3.0
- BUS-190 – Career Management 3.0

TOTAL: 28 UNITS

GAINFUL EMPLOYMENT INFORMATION:
See the certificate program cost and the employment outlook for graduates by clicking the link below:
http://www.hartnell.edu/gainful-employment-certificate-programs-0

FINANCIAL AID
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https://www.hartnell.edu/students/fa/net-price-calculator.html
BUSINESS OFFICE TECHNOLOGY

PROGRAMS

- Associate in Science (A.S.)
- Certificates of Achievement

DESCRIPTION

The Business Office Technology programs promote the economic development of the community; provide for lifelong learning and academic excellence through course content, application, and technology; serve diverse populations; encourage positive work ethic; and meet workforce needs through skills development, training, and personal growth.

The Business Office Technology programs offer training in keyboarding, office software applications, filing and records management, accounting (Bookkeeping Certificate), customer service, and business English and math applications. Students are prepared for career opportunities in administrative support, bookkeeping and data entry, customer service and other entry-level office positions.

As a result of ongoing changes in technology, the need to expand competencies, and changing transfer requirements, certificate and degree requirements may also change. If you note changes in degrees or certificate requirements, or if courses are not offered in a particular semester, please consult with a counselor or faculty on how best to complete the program in which you are enrolled.

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Account Clerk
- Administrative Support
- Bank Teller
- Billing Clerk
- Bookkeeping
- Customer Service
- Data Entry
- Executive Secretary/Assistant
- File and Records Clerk
- Information Clerk
- Office Manager
- Payroll Clerk
- Typist

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine

CSU System Information - http://www2.calstate.edu

FINANCIAL AID

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https://www.hartnell.edu/students/fa/net-price-calculator.html
ASSOCIATE OF SCIENCE

Program Outcomes: Upon successful completion of this program a student will be able to:
- demonstrate proficiency in selecting and using appropriate business software applications and tools.
- prepare and deliver business documents and presentations in appropriate form, format, and language.
- solve problems and make decisions collaboratively or independently.

Required Major Courses (36 units)

- BUS-50 – Introduction to PC Applications 4.0
- BUS-111 – Intermediate Office Skills 3.0
- BUS-135 – Professionalism Office Skills 4.0
- BUS-140A & B – Keyboarding Speed and Accuracy 1.0
- BUS-150.15 – Word Processing 3.0
- BUS-172- Machine Calculations and Records Management 3.0
- BUS-173 – Filing Procedures and Records Management 3.0
- BUS-175 – Business Communications 3.0
- BUS-177 – Proofreading and Editing Skills 3.0
- BUS-190 – Career Management 2.0
- BUS-194 – Human Relations in Business 3.0
- COM-1 – Introduction to Public Speaking 3.0
- ENG-1A – College Composition and Reading 3.0

OR
- ENG-1AX – Intensive College Composition and Reading 4.0

Recommended Major Electives (None Required)
- BUS-32 – Introduction to Business 3.0

SUBTOTAL: 36 UNITS

General Education –Required Courses

Students must complete one of the following General Education Plans:

- HCCD GE (see page 66 of the 2020-2021 catalog)  
- MAT-126 or higher
- Natural Sciences  
- Social & Behavioral Sciences  
- Humanities  
- Ethnic Groups in the US  
- Language and Rationality

SUBTOTAL: 21 UNITS

Students can double-count required courses and courses for General Education

Electives (Courses Numbered 1-199) required when degree units plus GE units total fewer than 60.

TOTAL: 60 UNITS
CERTIFICATE OF ACHIEVEMENT

Program Outcomes: Upon successful completion of this program a student will be able to:
- demonstrate proficiency in selecting and using appropriate business software applications and tools.
- prepare and deliver business documents and presentations in appropriate form, format, and language.
- solve problems and make decisions collaboratively or independently.

Required Major Courses (30 units)

- BUS-50 – Introduction to PC Applications 4.0
- BUS-110 – Beginning Keyboarding & Document Formatting 2.0
  OR
- BUS-110A – Beginning Keyboarding 1.0
- BUS-110B – Beginning Formatting and Document Processing 1.0
- BUS-135 – Professionalism Office Skills 4.0
- BUS-150.25 – Electronic Spreadsheets 3.0
- BUS-152 – Introduction to Accounting 4.0
- BUS-154 – Computerized Accounting 3.0
- BUS-172 – Business Machine Calculations 1.0
- BUS-173 – Filing Procedures and Records Management 3.0
- BUS-190 – Career Management 3.0
- ENG-102 – Composition and Reading for CTE 3.0

Other Required Courses

- MAT-106** – Integrated Mathematics 3.0

TOTAL: 30 UNITS

GAINFUL EMPLOYMENT INFORMATION:
See the certificate program cost and the employment outlook for graduates by clicking the link below:
http://www.hartnell.edu/gainful-employment-certificate-programs-0

FINANCIAL AID

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https://www.hartnell.edu/students/fafnet-price-calculator.html

*Eligibility for ENG-1A or ENG-1AX fulfills this requirement.
**Eligibility for MAT-123 or any higher level math class fulfills this requirement.
CERTIFICATE OF ACHIEVEMENT

Program Outcomes: Upon successful completion of this program a student will be able to:
- demonstrate proficiency in selecting and using appropriate business software application and tools.
- prepare and deliver business documents and presentations in appropriate form, format, and language.
- solve problems and make decisions collaboratively or independently.

Required Major Courses (27 units)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Units</th>
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</thead>
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</tr>
<tr>
<td>BUS-111</td>
<td>Intermediate Office Skills</td>
<td>3.0</td>
</tr>
<tr>
<td>BUS-135</td>
<td>Professionalism Office Skills</td>
<td>4.0</td>
</tr>
<tr>
<td>BUS-140A &amp; B</td>
<td>Keyboarding Speed and Accuracy</td>
<td>1.0</td>
</tr>
<tr>
<td>BUS-150.15</td>
<td>Word Processing</td>
<td>3.0</td>
</tr>
<tr>
<td>BUS-172</td>
<td>Business Machine Calculations</td>
<td>1.0</td>
</tr>
<tr>
<td>BUS-173</td>
<td>Filing Procedures and Records Management</td>
<td>3.0</td>
</tr>
<tr>
<td>BUS-177</td>
<td>Proofreading and Editing Skills</td>
<td>3.0</td>
</tr>
<tr>
<td>BUS-190</td>
<td>Career Management</td>
<td>2.0</td>
</tr>
<tr>
<td>ENG-102</td>
<td>Composition and Reading for CTE</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Other Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAT-106**</td>
<td>Integrated Mathematics</td>
<td>3.0</td>
</tr>
</tbody>
</table>

TOTAL: 27 UNITS

*Eligibility for ENG-1A or ENG-1AX fulfills this requirement.

**Eligibility for MAT-123 or any higher level math class fulfills this requirement.

GAINFUL EMPLOYMENT INFORMATION:

See the certificate program cost and the employment outlook for graduates by clicking the link below:
http://www.hartnell.edu/gainful-employment-certificate-programs-0

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

https://www.hartnell.edu/students/fa/net-price-calculator.html
ENGINEERING

PROGRAMS

- Associate of Science (A.S.)

DESCRIPTION

Engineering is the science and art of applying scientific and mathematical principles, experience, judgment, and common sense to design things that benefit society. Engineers are problem-solvers who make things work faster, cheaper, and more efficiently. Technologies developed by engineers improve the ways that we live, communicate, work, travel, stay healthy, and entertain ourselves. From computer chips to cellphones and buildings to automobiles, engineering makes every aspect of our modern life possible.

Hartnell College offers a two-year lower division engineering program that prepares students for transfer in all engineering disciplines to colleges and universities in California and across the United States. The Associate in Science in Engineering offers course work in all fields of engineering from civil through mechanical and electrical and computer engineering. Students who are seeking to transfer to a four-year university and complete their Bachelor of Science in Engineering can find the courses needed to transfer in the Engineering program, as can students who are seeking employment in related fields as engineering technologists, surveyors, or construction managers. Positions for which four-year graduates in engineering are qualified can be found in the fields of engineering, engineering technology, construction management, business, programming, teaching, and research.

The first two years of the engineering curriculum at most colleges and universities have a shared core of mathematics and physics plus a programming course. Beyond that, there is specialization in several areas. As there are different disciplines within engineering, four different tracks have been developed, and each one feeds into one or more majors at the baccalaureate level. The fifth track is appropriate for engineering majors who are not explicitly listed in the first four tracks, such as chemical engineering or biomedical engineering. The five discipline clusters are:

1. Mechanical, Aerospace, and Manufacturing Engineering
2. Civil Engineering
3. Electrical Engineering
4. Computer and Software Engineering
5. General Engineering

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Aerospace Engineer
- Agricultural Engineer
- Biomedical Engineer
- Chemical Engineer
- Civil Engineer
- Computer Engineer
- Construction Engineer
- Electrical Engineer
- Environmental Engineer
- Industrial Engineer
- Manufacturing Engineer
- Materials Engineer
- Mechanical Engineer
- Nuclear Engineer
- Software Engineer

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine
CSU System Information - http://www2.calstate.edu

FINANCIAL AID

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https://www.hartnell.edu/students/fa/net-price-calculator.html
ENGINEERING (AS.EGN)

ASSOCIATE OF SCIENCE

Program Outcomes: Upon successful completion of this program a student will be able to:
- employ science and mathematical skills commonly used in engineering fields.
- design a system, component, or process to meet engineering requirements.
- examine engineering problems and determine a strategy.
- describe and differentiate modern engineering tools and practices.

REQUIRED MAJOR COURSES:

COURSES SHARED BY ALL TRACKS

<table>
<thead>
<tr>
<th>Course Name and Number</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 1R Introduction to Engineering</td>
<td>2</td>
</tr>
<tr>
<td>MAT 3A Analytical Geometry and Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MAT 3B Analytical Geometry and Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>PHY 4A General Physics I/Mechanics</td>
<td>4</td>
</tr>
<tr>
<td>PHY 4B General Physics II/Electricity and Magnetism</td>
<td>4</td>
</tr>
<tr>
<td>A programming class: Choice of EGN 5 or CSS 2A or CSS 1</td>
<td>3-4</td>
</tr>
</tbody>
</table>

Subtotal: 21-22 units

MECHANICAL/AEROSPACE/MANUFACTURING ENGINEERING TRACK

<table>
<thead>
<tr>
<th>Course Name and Number</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 8 Statics</td>
<td>3</td>
</tr>
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</table>

CIVIL ENGINEERING TRACK

<table>
<thead>
<tr>
<th>Course Name and Number</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 8 Statics</td>
<td>3</td>
</tr>
</tbody>
</table>

ELECTRICAL ENGINEERING TRACK

<table>
<thead>
<tr>
<th>Course Name and Number</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 6 Circuit Analysis</td>
<td>4</td>
</tr>
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</table>

COMPUTER/SOFTWARE ENGINEERING TRACK

<table>
<thead>
<tr>
<th>Course Name and Number</th>
<th>Units</th>
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<tbody>
<tr>
<td>EGN 6 Circuit Analysis</td>
<td>4</td>
</tr>
<tr>
<td>CSS 2A Object Oriented Programming</td>
<td>4</td>
</tr>
<tr>
<td>EGN 7L Computer Interface with the Physical World Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

GENERAL ENGINEERING TRACK

Choose ONE of the following:

<table>
<thead>
<tr>
<th>Course Name and Number</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>EGN 4 Materials Science and Engineering</td>
<td>4</td>
</tr>
<tr>
<td>EGN 6 Circuit Analysis</td>
<td>4</td>
</tr>
<tr>
<td>EGN 8 Statics</td>
<td>3</td>
</tr>
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</table>
### REQUIRED MAJOR ELECTIVES

<table>
<thead>
<tr>
<th>SELECT ONE EMPHASIS TO FOLLOW</th>
<th>Units</th>
<th>Mechanical/ Aerospace/ Manufacturing</th>
<th>Civil</th>
<th>Electrical</th>
<th>Computer</th>
<th>General</th>
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</thead>
<tbody>
<tr>
<td>Number of ADDITIONAL units to choose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>EGN-1L – Introduction to Engineering Lab</td>
<td>1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>EGN-2 – Engineering Graphics</td>
<td>3</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EGN-4 – Materials Science and Engineering</td>
<td>4</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EGN-5 – Programming and Problem-Solving in MATLAB</td>
<td>3</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>EGN-6 – Circuit Analysis</td>
<td>4</td>
<td></td>
<td>X</td>
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<tr>
<td>EGN-7L – Computer Interface with the Physical World Laboratory</td>
<td>1</td>
<td>X</td>
<td>X</td>
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<td></td>
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<tr>
<td>EGN-8 – Statics</td>
<td>3</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>EGN-11 – Surveying</td>
<td>3</td>
<td></td>
<td>X</td>
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<td></td>
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<tr>
<td>BIO-1 – Fundamental Biological Concepts</td>
<td>5</td>
<td></td>
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</tr>
<tr>
<td>BIO-2 – General Zoology</td>
<td>5</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>BIO-3 – General Botany</td>
<td>5</td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>CHM-1A – General Chemistry I</td>
<td>5</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>CHM-1B – General Chemistry II</td>
<td>5</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHM-12A – Organic Chemistry I</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHM-12B – Organic Chemistry I</td>
<td>5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHY-4C – General Physics III/ Waves, Heat, Light, Sound, and Modern Physics</td>
<td>4</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>MAT-3C – Analytical Geometry and Calculus III</td>
<td>4</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>MAT-5 – Differential Equations</td>
<td>3</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>MAT-4 – Linear Algebra</td>
<td>3</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>CSS-1 – Intro to Computer Science &amp; Programming Fundamentals</td>
<td>4</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSS-2A – Object Oriented Programming</td>
<td>4</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSS-2B – Data Structures and Algorithms</td>
<td>4</td>
<td></td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>CSS-3 – Computer Architecture and Assembly Language Programming</td>
<td>4</td>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CSS-7 – Discrete Structures</td>
<td>4</td>
<td></td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBTOTAL: 37-48 UNITS**

### General Education –Required Courses

Students must complete one of the following General Education Plans:

- **CSU-GE for STEM** (see page 70) - 33 units
- **IGETC for STEM** (see page 72) - 31 units

**Students can double-count required courses and courses for General Education**

Partial IGETC-CSU or CSU-GE certification is approved to meet the AS- Engineering general education. For the partial certification: (IGETC/CSU - All AREAS will be completed with minimum units/courses as required and listed on IGETC except AREAS 3 and 4, which is approved with 6 units/2 courses. CSU-GE All AREAS will be completed with minimum units/courses as required and listed on CSU-GE except AREAS C and D, which are approved with 6 units/2 courses). These GE courses are not waived but will be completed after transfer

**TOTAL: 61-74 UNITS**
ENGINEERING FUNDAMENTALS

PROGRAMS

- Certificate of Achievement

DESCRIPTION

A student completing the Engineering Fundamentals Certificate of Achievement will gain a solid grounding in the basic principles that underlie all engineering disciplines. This certificate provides both academic preparation for and a pathway to internships. When combined with further study, it will lead to the Engineering Associate in Science Degree and/or transfer. This certificate is intended to be completed at the beginning of a student’s course of study, while they are at the freshman level. As such, it prepares a student to enter most sophomore-level engineering and STEM support courses. This certificate is specifically designed to encourage and guide students to select their courses in a sequence which enables them to transfer as fast as possible. Recommendations based on majors are as follows:

- Civil or Mechanical engineering majors: Engineering 5 AND Chemistry 1A
- Computer or Software engineering majors: Computer Science 1 AND Computer Science 2A
- Electrical engineering majors: Computer Science 1 AND (Computer Science 2A OR Chemistry 1A)

Students should discuss which options make sense for them with their counselor.

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Aerospace Engineer
- Biomedical Engineer
- Chemical Engineer
- Civil Engineer
- Computer Engineer
- Electrical Engineer
- Industrial Engineer
- Mechanical Engineer

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine

CSU System Information - http://www2.calstate.edu

FINANCIAL AID

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https://www.hartnell.edu/students/fa/net-price-calculator.html
Program Outcomes: Upon successful completion of this program a student will be able to:
- demonstrate the ability to write computer programs and apply them towards solving engineering problems.
- acquire, develop, and refine the prerequisite mathematics, physics, and chemistry foundational skills to be successful in sophomore level engineering courses such as Statics, Circuit Analysis, or Materials Science and Engineering.
- formulate and demonstrate a plan to appropriately select the courses they will need to transfer to a four-year university.

Recommended electives by major:

| Civil/Mechanical Engineering | EGN-5, CHM-1A |
| Computer Engineering         | CSS-1, CSS-2A |
| Electrical Engineering       | CSS-1, CSS2A or CHM-1A |

Required Major Courses (17-19 units)

- MAT-3A – Analytic Geometry and Calculus I  4.0
- MAT-3B – Analytic Geometry and Calculus II  4.0
- PHY-4A – General Physics I/Mechanics  4.0
- EGN-1R – Introduction to Engineering  2.0

OR
- EGN-1 – Introduction to Engineering  3.0
- ENG-1A – College Composition and Reading  3.0

OR
- ENG-1AX – College Composition and Reading  4.0

Major Electives (Complete 7-9 units)

- EGN-5 – Programming and Problem Solving in MATLAB  3.0
- CSS-1 – Intro to Computer Science & Programming Fundamentals  4.0
- CSS-2A – Object Oriented Programming  4.0
- CHM-1A – General Chemistry I  5.0

TOTAL: 24-28 UNITS

GAINFUL EMPLOYMENT INFORMATION:
See the certificate program cost and the employment outlook for graduates by clicking the link below:
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https://www.hartnell.edu/students/fa/net-price-calculator.html
KINESIOLOGY

PROGRAMS

- Associate in Arts for Transfer (A.A.-T)
- Associate of Science (A.S.)

DESCRIPTION

The Physical Education, Kinesiology, Health, and Athletics department provides formal educational opportunities for the development and acquisition of motor skills, improved physical fitness and their application to sports and physical activities. This Associate of Science Degree covers a broad knowledge base that represents several disciplines that include traditional physical education, exercise science, athletic training, coaching, and health science. These courses help prepare students to transfer as Physical Education and Kinesiology majors to four-year institutions.

The Physical Education and Kinesiology program offers an AA-T degree (Associate in Arts for transfer in Kinesiology). The AA-T provides a clearly articulated curriculum for students who wish to transfer to baccalaureate degree programs at California State University (CSU) campuses.

The department also offers the AS degree (Associate of Science in Kinesiology). This degree is ideal for student-athletes and students transferring out of state or to private institutions.

Baccalaureate programs in Physical Education and Kinesiology include a wide array of specialties including but not limited to: coaching, education, athletic training, industry wellness centers and allied medical fields (Physical Therapy, Occupational Therapy, etc.). The preparation for different specialties will vary. For detailed requirements for individual programs at four-year institutions, students should contact the transfer institution and/or meet with a counselor for specific transfer course requirements in their major.

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Exercise Physiologist
- Exercise Specialist
- Health Consultant
- Massage Therapist
- Nutritionist/Registered Dietitian
- Occupational Therapist
- Personal Trainer
- Physical Education Teacher
- Physical Therapist
- Recreation Director
- Sports Coach
- Sports Physiologist

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

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https://www.hartnell.edu/students/fa NET-price-calculator.html
KINESIOLOGY (AAT.KIN)

ASSOCIATE IN ARTS FOR TRANSFER

Program Outcomes: Upon successful completion of this program a student will be able to:
- demonstrate competence in performing a variety of skill-related behaviors.
- describe health and physical activity concepts that will enable him or her to make informed decisions concerning health.
- recognize health issues, understand the similarities and contrasts among cultures.
- demonstrate sensitivity to cultural and physical diversity.
- explain the value and significance of physical activity for human development, human interaction and quality of life and its relationship to their particular disability.

Required Major Courses (12 units)
- BIO-5 – Human Anatomy 4.0
- BIO-6 – Introductory Physiology 3.0
- BIO-6L – Physiology Lab 2.0
- PETH-1 – Introduction to Kinesiology 3.0

Major Movement Courses: Select at least (1) course from any (3) of the following areas for a Minimum of 3 units.
- AQUATICS – PEAC-42, 44, 61, 68 1.5
- COMBATIVES – PEAC-56 2.0
- FITNESS – PEAC-32, 36, 40, 43, 46, 0.5-2.0
- 47, 49, 50, 51, 66, 69
- INDIVIDUAL SPORTS – PEAC-58, 64 1.0-1.5
- TEAM SPORT – PEAC-41, 52, 55, 70 1.5

Major Electives (Complete 7-8 units)
- MAT-13 – Elementary Statistics 4.0
- CHM-1A – General Chemistry 5.0
- HED-55 – Health Education – Advanced First Aid 3.0
- PHY-2A – College Physics I 4.0
- OR
  PHY-4A – General Physics/Mechanics I 4.0

SUBTOTAL: 22-23 UNITS

General Education – Required Courses
Students must complete one of the following General Education Plans:
- CSU-GE (see page 70 of the 2020-2021 catalog) 39 units
- IGETC (see page 72 of the 2020-2021 catalog) 37 units

Students can double-count required courses and courses for General Education
- Electives (Courses Numbered 1-99) required when degree units plus GE units total fewer than 60.

TOTAL: 60 UNITS
# KINESIOLOGY (AS.KIN)

## ASSOCIATE OF SCIENCE

**Program Outcomes:** Upon successful completion of this program a student will be able to:
- demonstrate competence in performing a variety of physical education activity related skills.
- describe health and physical activity concepts that will enable him or her to make informed decisions concerning health.
- demonstrate sensitivity to physical diversity, understand the similarities and contrasts among different cultures and recognize health issues.
- explain the value and significance of physical activity for human development, human interaction and quality of life and its relationship to their individual health.

### Required Major Courses (16 units)
- HED-6 – Multicultural Health Beliefs 3.0
- NUTR-1 – Nutrition 3.0
- PETH-1 – Introduction to Kinesiology 3.0
- PETH-2 – Care and Prevention of Athletic Injuries 4.0
- PSY-2 – General Psychology 3.0

### Required Major Courses (Complete 4-5 units)
- BIO-5 – Human Anatomy 4.0
- BIO-6 and BIO-6L – Introductory Physiology 5.0
- BIO-11 – Introductory Human Anatomy and Physiology 4.0

### Required Major Courses (Complete 4 units)
- CHM-22 – The Science of Chemistry 4.0
- PHY-2A – College Physics I 4.0
- PHY-10 – Introduction to Physics 4.0

### Major Electives (Select a minimum of 6 units from at least 2 of the following activities)
- RACQUET ACTIVITIES (TENNIS)
  - PEAC – 58, 59
- AQUATIC ACTIVITIES
  - PEAC – 42, 44, 61, 62, 63, 68
- TEAM ACTIVITIES (TEAM ACTIVITIES)
  - PEAC – 40, 41, 52, 55, 56, 70, 72, 74
  - PEIN – 17, 19, 20, 21, 22, 23, 24, 25, 26
- FITNESS ACTIVITIES (FITNESS ACTIVITIES)
  - PEAC – 32, 36, 43, 46, 47, 49, 50, 51, 56, 66, 69

### Major Electives (Complete 1 course 2-3 units)
- PETH – 3, 4, 5, 10A, 10B, 10C, 10D

**Recommended Major Electives (Select from list, none required.)**
* Required for AA-T KIN degree ** Required for athletic transfer participates

**SUBTOTAL: 32-34 UNITS**

## General Education – Required Courses

**Students must complete one of the following General Education Plans:**

- **HCCD GE (see page 66 of the 2020-2021 catalog)**
- **MAT-123 or higher**
  - [ ] Natural Sciences
  - [ ] Social & Behavioral Sciences
  - [ ] Humanities
  - [ ] Ethnic Groups in the US
  - [ ] Language and Rationality

**SUBTOTAL: 21 UNITS**

**Students can double-count required courses and courses for General Education**
- [ ] Electives (Courses Numbered 1-199) required when degree units plus GE units total fewer than 60.

**TOTAL: 60 UNITS**
MATHEMATICS PROGRAM

- Associate in Science for Transfer (A.S.-T)

DESCRIPTION

The Associate in Science in Mathematics for Transfer offers coursework in all levels of mathematics from arithmetic through differential equations and linear algebra. Students seeking improvement in their basic mathematical skills and those desiring development of advanced mathematical methods can all find meaningful activities in the Associate in Science in Mathematics for Transfer. While there are job opportunities in pure mathematics, there are even more in applied mathematics, statistics, engineering, and other technical fields relying heavily on mathematics. Positions for which four-year graduates in mathematics are qualified can be found in the fields of business, computers, teaching, and research.

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Actuary
- Applications Program Manager
- Commodity Manager
- Cost Estimator/Analyst
- Database Manager
- Estate Planner
- Financial Consultant
- Investment Banker
- Mathematician
- Network Programmer
- Research Analyst
- Statistician
- Teacher
- Technical Writer
- Weight Analyst

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

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CSU System Information - http://www2.calstate.edu

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

https://www.hartnell.edu/students/fa/net-price-calculator.html
MATHEMATICS (AST.MAT)

ASSOCIATE IN SCIENCE FOR TRANSFER

Program Outcomes: Upon successful completion of this program a student will be able to:
- demonstrate proficiency in solving mathematical problems involving major concepts, theories, and principles including, but not limited to:
  - applying derivatives and integrals
  - solving 2nd order differential equations
  - constructing basic mathematical proofs
- analyze data using appropriate technology to enhance mathematical understanding.

Required Major Courses (12 units)
- MAT-3A – Analytic Geometry and Calculus I 4.0
- MAT-3B – Analytic Geometry and Calculus II 4.0
- MAT-3C – Analytic Geometry and Calculus III 4.0

Major Electives A (Complete 3 units)
- MAT-4 – Linear Algebra 3.0
- MAT-5 – Differential Equations 3.0

Major Electives B (Complete one additional 3-5 units)
- MAT-4 – Linear Algebra 3.0
- MAT-5 – Differential Equations 3.0
- MAT-7 – Discrete Mathematics 4.0
- MAT-13 – Elementary Statistics 4.0
- CSS-2A – Object Oriented Programming 4.0
- PHY-4A – General Physics I/Mechanics 4.0

SUBTOTAL: 18-19 UNITS

General Education – Required Courses
Students must complete one of the following General Education Plans:
- CSU-GE (see page 70 of the 2020-2021 catalog) 39 units
- IGETC (see page 72 of the 2020-2021 catalog) 37 units

Students can double-count required courses and courses for General Education

Electives (Courses Numbered 1-99) required when degree units plus GE units total fewer than 60.

TOTAL: 60 UNITS
NURSING—REGISTERED NURSING

PROGRAM

- Associate of Science (A.S.)

DESCRIPTION

The Hartnell College Associate Degree in Nursing (ADN) is a defined group of pre-requisite and co-requisite courses that prepares students to become registered nurses. The four-semester course of study consists of classroom, high-fidelity simulation, nursing skills laboratory, seminar, interprofessional, and clinical experiences. While enrolled in the associate degree program, Hartnell students may enroll in transfer level courses that meet requirements for a Bachelor’s of Science degree in nursing. Graduates are eligible to take the National Council Licensure Examination for Registered Nurses (NCLEX-RN). After passing the licensure examination, graduates may practice as registered nurses in a variety of acute and community-based settings. Graduates demonstrate the leadership and comportment required for a professional nurse committed to competence, caring, collaboration, and curiosity, while providing safe, quality nursing care to diverse individuals in various care settings. The Hartnell College ADN Program is fully approved by the California Board of Registered Nursing (BRN) and is accredited by the Accreditation Commission for Education in Nursing (ACEN).

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Certified Nurse Midwife
- Critical Care Nurse
- ER Nurse
- Health Care Administrator
- Health Educator
- Mental Health Nurse
- Missionary Nurse
- Nurse Administrator
- Nurse Practitioner
- Patient Educator
- Pediatric Nurse
- Public Health Nurse
- Registered Nurse
- Surgical Nurse

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine
CSU System Information - http://www2.calstate.edu

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

https://www.hartnell.edu/students/fa/net-price-calculator.html
TRANSFER STUDENTS

Completing the AS degree does not meet all requirements for transfer. Students planning to transfer to a university should follow the requirements of the four-year university. Information on course equivalencies and major preparation requirements for the University of California (UC) and California State University (CSU) systems is available online at http://www_assist.org. Please consult with a Hartnell College counselor to review transfer requirements. Hartnell, Monterey Peninsula, Cabrillo, and Gavilan Colleges are members of the collaborative baccalaureate of science degree in nursing (BSN) program at California State University, Monterey Bay. See https://www.hartnell.edu/nah and http://nursing.csumb.edu/. Students transferring from other nursing programs seeking placement into the second, third, or fourth semesters of the Associate Degree in Nursing Program should contact the Dean of Academic Affairs: Nursing and Allied Health (831.770.6146). Academic counselors evaluate transfer student transcripts for coursework equivalency. Syllabi, course outlines, and catalogs may be requested for the evaluation.

ACCEPTANCE TO THE NURSING (RN) PROGRAM

The Associate Degree in Nursing (ADN) requires separate application and screening procedures that must be completed independently from Hartnell College admission. Acceptance is subject to an annual application process. Because the RN program is impacted, completion of program prerequisites does not guarantee admission. Information can be obtained from the website (https://www.hartnell.edu/nah), the Nursing and Allied Health Office (831.770.6146), or the Hartnell College Nursing and Allied Health Program academic counselor (831.755.6820). Application forms for the RN Program and informational materials are available on the Hartnell College Nursing and Allied Health web page (https://www.hartnell.edu/nah) Application forms are available in November of each year for the following Fall semester admission. Completed application forms and required documents must be submitted by the deadline date listed on the application. Students who are conditionally accepted for entry into the ADN program are required to attend a mandatory orientation. At the orientation, admission packets with health, drug, live scan, and background screenings are distributed.

Minimum Requirements for Admissions Eligibility:

1. Completion of all prerequisite courses with a minimum of a “C” grade as documented on official transcripts. In-progress courses will not be accepted for admission GPA purposes. Science GPA Requirement: 2.5

2. Success in the Associate Degree in Nursing program is based on theoretical knowledge, nursing skills competency, clinical reasoning, professional behaviors, and their application in the clinical setting. To progress students must achieve at least “C” grades in all nursing courses.
NURSING—REGISTERED NURSING (AS.NRN)

ASSOCIATE OF SCIENCE

Program Outcomes: Upon successful completion of this program a student will be able to:
- incorporate leadership, management, and legal-ethical principles to guide practice as a professional nurse.
- apply increasingly complex nursing judgement and theoretical concepts when providing safe nursing care to diverse individuals across the lifespan in a variety of settings.
- integrate caring into relationships and nursing interventions that positively influence health outcomes and demonstrate sensitivity to the values of others.
- communicate and collaborate with members of the interprofessional healthcare team to coordinate care and optimize health outcomes.
- model a spirit of inquiry when examining data, challenging the status quo, questioning underlying assumptions, and offering new insights to improve the quality of care.

Required General Education Courses:
MUST BE COMPLETED PRIOR TO ACCEPTANCE INTO THE PROGRAM (24 units)

- BIO-5 – Human Anatomy 4.0
- BIO-6 – Introductory Physiology 3.0
- BIO-6L – Physiology Laboratory 2.0
- BIO-27 – Principles of Microbiology 4.0
- CHM-22 – The Science of Chemistry 4.0
- ENG-1A – College Composition and Reading 3.0
  OR
  ENG-1AX – Intensive College Composition and Reading 4.0
- ***MAT-123 – Intermediate Algebra 5.0
  OR
  MAT-126 – Quantitative Reasoning for Personal and Professional Life 4.0
  OR
  MAT-13 – Elementary Statistics (Recommended for Students pursuing BSN) 4.0

*** Required Math Course for degree: Completion of any math course at or above the level of MAT-123 with a grade of “C” or better.

Required General Education Courses:
MAY BE TAKEN CONCURRENTLY WITH NRN COURSES (6-9 units)

- PSY-25 – Developmental Psychology – Lifespan 3.0
  OR
  NRN-70 – Growth and Development Across the Life Span for the Healthcare Professional
- ANT-2 – Introduction to Cultural Anthropology 3.0
  OR
  SOC-1 – Introduction to Sociology 3.0
- Ethnic Group Course ___________ (see page 66 of the 2020-2021 catalog)
  (Recommended: ENG-1A with a Multicultural Perspective)
- COM-1 – Introduction of Public Speaking 3.0
  OR
  COM-3 – Survey of Human Communication 3.0
CON’T OF NURSING—REGISTERED NURSING

Required Major Courses (After Acceptance into the program) (39.5 units)

1st SEMESTER – 11.5 units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRN-110</td>
<td>Foundations for Success for RNS</td>
<td>1.0</td>
</tr>
<tr>
<td>NRN-46</td>
<td>Health Promotion and Foundational Health Concepts Across the Lifespan</td>
<td>6.5</td>
</tr>
<tr>
<td>NRN-47</td>
<td>Social Determinants of health</td>
<td>1.5</td>
</tr>
<tr>
<td>NRN-48</td>
<td>Nursing Assessment and Interventions</td>
<td>1.0</td>
</tr>
<tr>
<td>NRN-49</td>
<td>Introduction to Pharmacology and Medication Administration</td>
<td>1.5</td>
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2nd SEMESTER – 9 units

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<th>Course Title</th>
<th>Units</th>
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<tbody>
<tr>
<td>NRN-56</td>
<td>Care of Diverse Individuals and Families with Stable Conditions</td>
<td>8.0</td>
</tr>
<tr>
<td>NRN-57</td>
<td>Nursing Interventions and Scenarios</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-58</td>
<td>Application of Pharmacology Across the Lifespan</td>
<td>0.5</td>
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3rd SEMESTER – 8 units

<table>
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>NRN-66</td>
<td>Care of Clients with Complex Physiology and Psychological Conditions</td>
<td>8.0</td>
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4th SEMESTER – 8 units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>NRN-76</td>
<td>Care of Clients with Potential or Actual Multi-System Failure</td>
<td>7.0</td>
</tr>
<tr>
<td>NRN-77</td>
<td>Role Transition and Care Coordination Seminar</td>
<td>1.0</td>
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</table>

Nursing and Allied Health Electives: (recommended, not required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRN-50.41</td>
<td>Supervised Nursing Skills Practice I</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-50.42</td>
<td>Supervised Nursing Skills Practice II</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-50.43</td>
<td>Supervised Nursing Skills Practice III</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-50.44</td>
<td>Supervised Nursing Skills Practice IV</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-60.1</td>
<td>Simulation for Nursing and Allied Health I</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-60.2</td>
<td>Simulation for Nursing and Allied Health II</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-60.3</td>
<td>Simulation for Nursing and Allied Health III</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-60.4</td>
<td>Simulation for Nursing and Allied Health IV</td>
<td>0.5</td>
</tr>
<tr>
<td>BIO-18</td>
<td>Introduction to Pathophysiology</td>
<td>3.0</td>
</tr>
<tr>
<td>HES-1</td>
<td>Introduction to Public Health</td>
<td>3.0</td>
</tr>
<tr>
<td>HES-2</td>
<td>Health and Social Justice</td>
<td>3.0</td>
</tr>
<tr>
<td>HES-3</td>
<td>Drugs, Health, and Society</td>
<td>3.0</td>
</tr>
<tr>
<td>HES-80</td>
<td>Medical Terminology</td>
<td>3.0</td>
</tr>
<tr>
<td>LUB-6</td>
<td>Information Competency in the Social Sciences</td>
<td>1.0</td>
</tr>
<tr>
<td>NUTR-1</td>
<td>Nutrition</td>
<td>3.0</td>
</tr>
</tbody>
</table>

SUBTOTAL: 48.5 UNITS

TOTAL: 60 UNITS
NURSING—VOCATIONAL NURSING

PROGRAM

- Associate of Science
- Certificate of Achievement

DESCRIPTION

The Hartnell College Vocational Nursing (VN) Program is a defined group of prerequisite, general education, and required major courses in a 24-month program of study consisting of classroom, high-fidelity simulation, nursing skills laboratory, and clinical experiences. Licensed vocational nurses perform essential nursing services under the supervision of a registered nurse or physician. Upon successful completion of program requirements, graduates are eligible to take the National Council Licensure Examination for Practical Nurses (NCLEX-PN). After passing, graduates may practice as vocational nurses in a variety of settings, including but not limited to community agencies, medical offices, hospitals, and long-term care facilities. The Hartnell College VN Program is fully approved by the California Board of Vocational Nurses and Psychiatric Technicians (BVN/PT) and is the first and only vocational nursing program in California to earn national accreditation from the Accreditation Commission for Education in Nursing.

GAINFUL EMPLOYMENT INFORMATION:

See the certificate program cost and the employment outlook for graduates by clicking the link below:
https://www.hartnell.edu/academics-affairs/gecp/

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.
https://www.hartnell.edu/students/fa/net-price-calculator.html

LEADS TO CAREER OPPORTUNITIES SUCH AS

- Home Health Care Provider
- Nursing Technician
- Nursing Assistant and Orderly
- Occupational Therapy Assistant/Aide
- Physical Therapy Aide
- Registered Nurse
ACCEPTANCE TO THE VOCATIONAL NURSING PROGRAM

The VN Program requires application and screening procedures that are in addition to admission processes for Hartnell College. Because the VN program is impacted, completion of program prerequisites does not guarantee admission. Information can be obtained from the website (http://www.hartnell.edu/nah), the Nursing and Allied Health Office (831.770.6146) or the Hartnell College Nursing and Allied Health academic counselor (831.755.6820).

Application forms for the VN Program and informational materials are available on the Hartnell College Nursing Program webpage (http://www.hartnell.edu/nah). On-line application forms are posted in the fall for spring admissions. Application forms and requested documents must be submitted by the deadline date. Students accepted into the VN program are required to attend a mandatory orientation. At the orientation, admission packets with forms for health, drug, and background checks are distributed. Once admitted, the student commitments to full-time study for three semesters. Students are responsible for costs related to classroom and clinical learning materials, travel to clinical sites, clinical nursing skills supplies, and standardized assessments.

Minimum Requirements for Admissions Eligibility:

1. Hartnell College enrollment or a Hartnell College Application for Admission on file in the Office of Admissions and Records
2. Completion of English 1A, Math 121, Psychology 2, and Biology 11 courses.
3. Completion of high school or equivalent: official high school transcript or equivalent is required. (Board of Vocational Nursing /Psychiatric Technician, Rules and Regulations, Article 5 Section 2530)

Admission is based on a lottery of those candidates who have completed an application, submitted it prior to the deadline, and meet minimal requirements. Persons not selected are encouraged to reapply. Success in the Vocational Nursing Program is based on the application of theoretical knowledge, clinical skill proficiency, and professional comportment in the clinical setting. To progress and graduate from the vocational nursing program, students must achieve at least “C” or “P” grades in all nursing courses.

FOR MORE INFORMATION, CONTACT: Hartnell College Nursing and Allied Health: 831.770.6146
Hartnell College Counselor: 831.755.6820
Email: nursingandalliedhealth@hartnell.edu
## NURSING—VOCAATIONAL NURSING (AS.NVN)

### ASSOCIATE OF SCIENCE

**Program Outcomes**: Upon successful completion of this program a student will be able to

- articulate the role of the vocational nurse as a member of the health care team, committed to provide safe, quality care for diverse persons and their families.
- provide rationale for judgments used in the provision of safe, quality care and for decisions that promote the health of persons.
- promote the human dignity, integrity, self-determination, and personal growth of persons, oneself, and members of the health care team.
- achieve quality care through effective communication, mutual respect, and shared decision making with the health care team.
- question the basis for nursing actions, considering research, evidence, tradition and personal preferences.

### Required General Education Courses:

**MUST BE COMPLETED PRIOR TO ACCEPTANCE INTO THE PROGRAM – 21-24 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-1A – College Composition and Reading</td>
<td>3.0</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>ENG-1AX – Intensive College Composition and Reading</td>
<td>4.0</td>
</tr>
<tr>
<td>MAT-126 – Quantitative Reasoning for Personal and Professional Life</td>
<td>4.0</td>
</tr>
<tr>
<td>or Higher</td>
<td></td>
</tr>
<tr>
<td>HES-120¹ – AHS Basic Life Support for HCP</td>
<td>(0.5)</td>
</tr>
<tr>
<td>BIO-11* – Intro to Human Anatomy &amp; Physiology</td>
<td>4.0</td>
</tr>
<tr>
<td>PSY-2* – General Psychology</td>
<td>3.0</td>
</tr>
<tr>
<td>LIB-6 – Information Competency in the Social Science</td>
<td>1.0</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>Communication and Analytic Thinking Course</td>
<td>(see page 66 of the 2020-2021 catalog)</td>
</tr>
<tr>
<td>(Recommended: ENG-1A with a Multicultural Perspective)</td>
<td></td>
</tr>
<tr>
<td>Humanities Group Course</td>
<td>(see page 66 of the 2020-2021 catalog)</td>
</tr>
</tbody>
</table>

*Prerequisite and corequisite courses marked with an asterisk must be completed within five (5) years of entering the vocational nursing program per California Code of Regulations, Title 16: Professional Regulations, Division 25: Board of Vocational Nursing and Psychiatric Technicians of the State of California.

¹ Any AHA BLS for Health Care Professional course is acceptable. AHA BLS for HCPs card must be current throughout program. Not required to apply. Must be completed prior to NVN 119.

### 1st SEMESTER – 16 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUTR-51* – Essential of Nutrition</td>
<td>3.0</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>NUTR-1 – Nutrition</td>
<td>(3.0)</td>
</tr>
<tr>
<td>NVN-70* – Growth &amp; Development Across the Lifespan</td>
<td>3.0</td>
</tr>
<tr>
<td>OR</td>
<td></td>
</tr>
<tr>
<td>PSY-25 – Developmental Psychology: Lifespan</td>
<td>(3.0)</td>
</tr>
<tr>
<td>NVN-110 – Foundations for Success for VN Students</td>
<td>1.0</td>
</tr>
<tr>
<td>NVN-119 – Vocational Nursing Theory I: Fundamentals</td>
<td>4.0</td>
</tr>
<tr>
<td>NVN-119.1 – Vocational Nursing Clinical I: Fundamentals</td>
<td>4.0</td>
</tr>
<tr>
<td>NVN-130A – Basic Pharmacology B</td>
<td>1.0</td>
</tr>
</tbody>
</table>
## CON’T OF NURSING—VOCATIONAL NURSING

### 2nd SEMESTER – 14 units

- NVN-121 – Vocational Nursing Theory II  
  6.5
- NVN-121.1 – Vocational Nursing Clinical II  
  6.5
- NVN-130B – Basic Pharmacology B  
  1.0

### 3rd SEMESTER – 14 units

- NVN-123 – Vocational Nursing Theory II  
  6.5
- NVN-123.1 – Vocational Nursing Clinical III  
  6.5
- NVN-130C – Basic Pharmacology C  
  1.0

*Prerequisite and corequisite courses marked with an asterisk must be completed within five (5) years of entering the vocational nursing program per California Code of Regulations, Title 16: Professional Regulations, Division 25: Board of Vocational Nursing and Psychiatric Technicians of the State of California.

1. Any AHA BLS for Health Care Professional course is acceptable. AHA BLS for HCPs card must be current throughout program. Not required to apply. Must be completed prior to NVN 119.

### Nursing and Allied Health Electives: (recommended, not required)

- NVN-150.1 – Supervised Vocational Nursing Skills Practice  
  0.3
- NRN-60.1 – Simulation for Nursing and Allied Health I  
  0.5
- NRN-60.2 – Simulation for Nursing and Allied Health II  
  0.5
- NRN-60.3 – Simulation for Nursing and Allied Health III  
  0.5
- NRN-60.4 – Simulation for Nursing and Allied Health IV  
  0.5

**SUBTOTAL: 63-65.5 UNITS**
# NURSING—VOCATIONAL NURSING (CT.NVN)

## CERTIFICATE OF ACHIEVEMENT

**Program Outcomes:** Upon successful completion of this program a student will be able to:
- articulate the role of the vocational nurse as a member of the health care team, committed to provide safe, quality care for diverse persons and their families.
- provide rationale for judgments used in the provision of safe, quality care and for decisions that promote the health of persons.
- promote the human dignity, integrity, self-determination, and personal growth of persons, oneself, and members of the health care team.
- achieve quality care through effective communication, mutual respect, and shared decision making with the health care team.
- question the basis for nursing actions, considering research, evidence, tradition and personal preferences.

## Required General Education Courses:
**MUST BE COMPLETED PRIOR TO ACCEPTANCE INTO THE PROGRAM — 13-21 units**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG-1A</td>
<td>3.0</td>
</tr>
<tr>
<td>MAT-121</td>
<td>5.0</td>
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<tr>
<td>MAT-106</td>
<td>3.0</td>
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<tr>
<td>HES-120</td>
<td>0.5</td>
</tr>
<tr>
<td>BIO-11*</td>
<td>4.0</td>
</tr>
<tr>
<td>BIO-5*</td>
<td>4.0</td>
</tr>
<tr>
<td>BIO-6*</td>
<td>3.0</td>
</tr>
<tr>
<td>BIO-6L*</td>
<td>2.0</td>
</tr>
<tr>
<td>PSY-2*</td>
<td>3.0</td>
</tr>
</tbody>
</table>

## 1st SEMESTER — 16 units

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>NUTR-51*</td>
<td>3.0</td>
</tr>
<tr>
<td>NUTR-1</td>
<td>3.0</td>
</tr>
<tr>
<td>NRR/NVN-70*</td>
<td>3.0</td>
</tr>
<tr>
<td>PSY-25</td>
<td>3.0</td>
</tr>
<tr>
<td>NVN-110</td>
<td>1.0</td>
</tr>
<tr>
<td>NVN-119</td>
<td>4.0</td>
</tr>
<tr>
<td>NVN-119.1</td>
<td>4.0</td>
</tr>
<tr>
<td>NVN-130A</td>
<td>1.0</td>
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</table>
CON’T OF NURSING—VOCATIONAL NURSING

2nd SEMESTER – 14 units

<table>
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<th>Course Name</th>
<th>Units</th>
</tr>
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<tr>
<td>NVN-121</td>
<td>Vocational Nursing Theory II</td>
<td>6.5</td>
</tr>
<tr>
<td>NVN-121.1</td>
<td>Vocational Nursing Clinical II</td>
<td>6.5</td>
</tr>
<tr>
<td>NVN-130B</td>
<td>Basic Pharmacology B</td>
<td>1.0</td>
</tr>
</tbody>
</table>

3rd SEMESTER – 14 units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NVN-123</td>
<td>Vocational Nursing Theory II</td>
<td>6.5</td>
</tr>
<tr>
<td>NVN-123.1</td>
<td>Vocational Nursing Clinical III</td>
<td>6.5</td>
</tr>
<tr>
<td>NVN-130C</td>
<td>Basic Pharmacology C</td>
<td>1.0</td>
</tr>
</tbody>
</table>

*Prerequisite and corequisite courses marked with an asterisk must be completed within five (5) years of entering the vocational nursing program per California Code of Regulations, Title 16: Professional Regulations, Division 25: Board of Vocational Nursing and Psychiatric Technicians of the State of California.

1 Any AHA BLS for Health Care Professional course is acceptable. AHA BLS for HCPs card must be current throughout program. Not required to apply. Must be completed prior to NVN 119.

Nursing and Allied Health Electives: (recommended, not required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>NVN-150.1</td>
<td>Supervised Vocational Nursing Skills Practice</td>
<td>0.3</td>
</tr>
<tr>
<td>NRN-60.1</td>
<td>Simulation for Nursing and Allied Health I</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-60.2</td>
<td>Simulation for Nursing and Allied Health II</td>
<td>0.5</td>
</tr>
<tr>
<td>NRN-60.3</td>
<td>Simulation for Nursing and Allied Health III</td>
<td>0.5</td>
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<tr>
<td>NRN-60.4</td>
<td>Simulation for Nursing and Allied Health IV</td>
<td>0.5</td>
</tr>
</tbody>
</table>

TOTAL: 57-65 UNITS
THEATRE ARTS AND CINEMA

PROGRAMS

- Associate of Arts (A.A.)

DESCRIPTION

ASSOCIATE IN ARTS

This degree program is designed for those interested in seeking employment in a theatrical, and/or cinematic environment, or for students desiring to complete major preparation coursework for transfer to a four-year Theatre Arts and/or Film, Television, and Electronic Media oriented Degree Program. The Hartnell College Theatre Arts program is unique in that a professional theatre company is in residence at Hartnell College: The Western Stage. The collaboration between Hartnell College and The Western Stage provides students the opportunity to learn their craft within a professional context.

LEADS TO CAREER OPPORTUNITIES SUCH AS:

- Actor
- Agent
- Announcer
- Art Director
- Casting Director
- Concert Venue Technician
- Critic
- Designer
- Director
- Model
- Stage Manager
- Teacher/Professor
- Theatre Technician
- Theme Park Technician

TRANSFER PREPARATION

Courses that fulfill major requirements for an associate degree may differ from those needed to prepare for transfer. Students who plan to transfer to a four-year college or university should schedule an appointment with a Hartnell College counselor to develop a student education plan before beginning their program.

TRANSFER RESOURCES

www.ASSIST.org – CSU and UC Articulation Agreements and Major Search Engine

CSU System Information - http://www2.calstate.edu

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that Hartnell College offers a full array of financial aid programs, federal loan programs, and fee waivers.

https://www.hartnell.edu/students/fa/net-price-calculator.html
ASSOCIATE OF ARTS

Program Outcomes: Upon successful completion of this program a student will be able to:
- demonstrate proficiency in theatre, and/or film, television, and electronic media terminology and performance skills, its basic theories, history and techniques, culminating in a media production or live performance on stage.
- conduct and apply analysis and research skills of dramatic texts and instructional materials.
- work effectively as an ensemble member in a fully produced production formulating alternative solutions to theatrical production situations.
- analyze, interpret, and evaluate their own and others’ work in the theatre as a patron and participant.

Required Major Courses (Complete 15 units)

☐ TAC-1 – Introduction to Theatre 3.0

OR

☐ TAC-50 – Introduction to Film 3.0
☐ TAC-3 – History of Theatre 3.0
☐ TAC-10 – Acting I 3.0
☐ TAC-2 – Script Analysis 3.0

OR

☐ TAC-53 – Playwriting and Screenwriting 3.0
☐ TAC-30 – Fundamentals of Theatre Design 3.0

Required Major Courses (Complete 3 units)

☐ Production: TAC-17, 20, 21, 22, 24, 25, 53, 54 3.0

OR

☐ Technical Design: TAC-26, 27, 28, 29, 40, 91 3.0

CHOOSE ONE AREA OF EMPHASIS BELOW

THEATRE EMPHASIS

Major Electives (Complete 6 units –NOT TAKEN IN REQUIRED MAJOR COURSES)

☐ TAC-2 – Script Analysis 3.0
☐ TAC-7/ETH-7 – Chicano Theatre 3.0
☐ TAC-11 – Acting II 3.0
☐ TAC-15 – Acting for the Camera 3.0
☐ TAC-17 – Devised Theatre Performance – Creation Workshop 3.0
☐ TAC-23 – Introduction to Theatre for Social Change 3.0
☐ TAC-53 – Playwriting and Screenwriting 3.0
☐ TAC-55 – Directing 3.0
☐ TAC-92 – Children’s Theatre 3.0

FILM, TELEVISION, ELECTRONIC MEDIA EMPHASIS

Major Electives (Complete 6 units –NOT TAKEN IN REQUIRED MAJOR COURSES)

☐ TAC-50 – Introduction to Film: History up to the 1960’s 3.0
☐ TAC-51 – Beginning TV Studio Production 3.0
☐ TAC-54 – Video Production Lab – Single Camera 3.0
☐ TAC-58 – Introduction Media Writing 3.0

SUBTOTAL: 24 UNITS

(Note: If you are planning to transfer, be sure to speak with a counselor to ensure you are taking all of the required transfer level courses.)

General Education – Required Courses

Students must complete one of the following General Education Plans:

HCCD GE (see page 66 of the 2020-2021 catalog) MAT-123 or higher

☐ Natural Sciences ☐ Social & Behavioral Sciences ☐ Humanities
☐ Ethnic Groups in the US ☐ Language and Rationality

SUBTOTAL: 21 UNITS

Students can double-count required courses and courses for General Education

☐ Electives (Courses Numbered 1-199) required when degree units plus GE units total fewer than 60.

TOTAL: 60 UNITS
BUS-110. Beginning Keyboarding and Document Formatting (2)

Pass/No Pass Option

All Terms

Lec 18 Hrs; Lab 54 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 or 111.