WHICH MATH IS REQUIRED FOR MY MAJOR?

- **CALCULUS BASED MAJORS**
  - MAT 25 Pre-Calculus*
  - MAT 27 Pre-Calculus & Trigonometry
  - MAT 3A Analytic Geometry and Calculus I
- **Requirements**
  - Most Certificates in this area require MAT 106 Integrated Math
  - Associate Degrees require MAT 123 Intermediate Algebra* but...
  - Most majors in this area require BOTH Elementary Statistics & Business Calculus. Requirements will vary by transfer campus.
  - MAT 16 Finite Mathematics
  - MAT 2 Calculus for Managerial, Life and Social Sciences
  - MAT 13 Elementary Statistics*
- **Business & Economics**
  - Most majors in this area require MAT 13 Elementary Statistics*
  - A few majors in this area are flexible and you can use any transfer level math course to fulfill degree requirements.
  - Future Elementary School Teachers should choose MAT 12 Number Systems

  * 1-unit support courses are available.

Majors in this area will require additional math courses.

**BUSINESS & ECONOMICS**

MAT 13 Elementary Statistics &
MAT 2 Calculus for Managerial,
Life and Social Sciences
Psychology (for transfer to UC)
Economics for Transfer Degree (AA-T)
Agriculture Business for Transfer (AS-T)
Business Administration for Transfer (AS-T)

**STEM**

MAT 3A Calculus I or Higher
Astronomy
Biology
CSS-Computer Science Option
Engineering (AS, CT)
Computer Science for Transfer (AS-T)
Biology for Transfer Degree (AS-T)
Chemistry for Transfer Degree (AS-T)
Geology for Transfer Degree (AS-T)
Mathematics for Transfer Degree (AS-T)
Physics for Transfer (AS-T)
Computer Science for Transfer (AS-T)

**CTE & NON-TRANSFER DEGREES**

MAT 123 Intermediate Algebra
Addiction Studies
Chicano Studies
Vocational Nursing
Registered Nursing
Digital Arts
General Studies - Humanities Emphasis
Spanish
Theatre Arts & Cinema
Music
Photography
Administration of Justice
Advanced Automotive Technology
Advanced Diesel Technology
Agriculture Business Emphasis
Agriculture-Production
CSS-Computer Science Option
CSS-Network & Security option
CSS-Digital & Web Design Option
CSS-Network & Security option

**LIBERAL ARTS & OTHER TRANSFER DEGREES**

MAT 13 Elementary Statistics
Social Justice Studies (AA-T)
Agriculture Plant Science for Transfer (AS-T)
Law, Public Policy and Society (AA-T)
Liberal Arts Anthropology Emphasis
Liberal Arts - Culture & Society Emphasis
Liberal Arts-Art & Design Emphasis
Liberal Arts-History Emphasis
Liberal Arts-Psychology Emphasis
Liberal Arts-Political Science Emphasis
Liberal Arts-Sociology & Social Sciences Emphasis
Liberal Arts - Philosophy Emphasis
Public Health Science for Transfer (AA-T)
Kinesiology for Transfer (AA-T)
Political Science for Transfer (AA-T)
Psychology for CSU Transfer (AA-T)*
Administration of Justice for Transfer (AS-T)
Sociology for Transfer (AA-T)
Physical Education - Kinesiology

**MATH 12 Number Systems**
Elementary Teacher Education for Transfer (AA-T)

**MATH 13 Elementary Statistics, MAT 10 Math for Liberal Arts, or any Transfer Level Math (1-99)**
Communication Studies for Transfer Degree (AA-T)
English for Transfer (AA-T)
History for Transfer (AA-T)
Music for Transfer (AA-T)
Studio Arts for Transfer (AA-T)
Spanish for Transfer (AA-T)
Theatre Arts for Transfer (AA-T)
Early Childhood Education for Transfer (AS-T)
Liberal Arts - Humanities Emphasis
Liberal Arts-Languages & Literature Emphasis
CSU General Ed Breadth
IGETC
Social Justice Studies (AA-T)
Agriculture Plant Science for Transfer (AS-T)
Law, Public Policy and Society (AA-T)
Film, Television and Electronic Media (AS-T)

*See Business/Economics Column for Psychology for transfer to UC

HARTNELL COLLEGE
COUNSELING DEPARTMENT
TRANSFER & CAREER CENTER

This math placement resource/guide is developed in support of students in understanding the math guided placement rules established by the Hartnell College Math Department. If you decide to change your major, we highly recommend that you see your counselor before making any changes.

COUNSELING DEPARTMENT
831-755-6820