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Marie Larsen, Chair
Rich Taylor, North County Coordinator
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Marcia Scott, Director of Nursing and Allied Health
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Greg Baxley, Interim Chair
Praveen Babu, North County Coordinator
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Jane Morgan, Chair
Brent LaMon, North County Coordinator
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ASSOCIATE DEGREES AND CERTIFICATES

Students wishing to receive an associate degree or certificate must complete the Cuesta College Associate Degree Application or Certificate Application in order for the Evaluations Office to perform an official final evaluation of the student’s record for completion of requirements. Students must be within two terms of completing requirements before the application will be accepted, and should consult with a counselor for verification. The applications are available on the Office of Admissions and Records’ website and in the Student Services Center at all campus locations. See “List of Degrees and Certificates”.

Degrees and certificates are awarded two to three months after the completion of the term in which requirements were met. Posting dates reflect the final date of the traditional semester or session in which the requirements were completed (certain exceptions may apply).

Degree candidates are encouraged to participate in the Cuesta College Commencement Ceremony which takes place each May on the San Luis Obispo campus. Commencement information is available on the Evaluations Office website or in the Commencement Channel in myCuesta.

CATALOG RIGHTS

A student who satisfies the following definition of attendance will follow the Cuesta College curriculum for degrees and certificates in effect:

• at the time the student began attendance at a California Community College, California State University, University of California, or other regionally accredited college or university; or
• as outlined in a subsequent Cuesta College catalog

“Attendance” means attendance in at least one semester or two quarters each academic year. A student who misses two consecutive semesters, or three quarters in an academic year, excluding summer school, will lose catalog rights. In that case, the student must follow (1) the Cuesta College catalog that coincides with the student’s date of re-enrollment in a regionally accredited college or university or (2) a subsequent Cuesta College catalog. A total withdrawal in a semester does not constitute a one-semester break in enrollment when “Ws” are posted on the student record. Campus authorities may authorize or require substitutions for discontinued courses in certificate or degree programs.

RESIDENCY CREDIT REQUIREMENTS FOR DEGREE, CERTIFICATE, GE CERTIFICATION AND APPLICATION OF ALTERNATIVE EDUCATION CREDIT

Residency credit does not refer to with whether or not a student is a resident of the State of California.

Residency credit is defined as credits earned while in residence at the campus granting the degree, certificate, general education certification, or application of alternative education credit.

Credit that does not satisfy the residency credit requirement:
• Advanced Placement
• Credit-by-Exam
• Military
• Other alternative education credit

Residency credit required for the awarding of Cuesta College degrees, certificates and general education certifications:

• DEGREES - Minimum of 12 semester credits
• CERTIFICATE OF ACHIEVEMENT - Minimum of two of the required courses
• CERTIFICATE OF SPECIALIZATION - Minimum of one of the required courses
• CSU GENERAL EDUCATION CERTIFICATION - Minimum of one course (at least three semester credits)
• IGETC (Intersegmental General Education Transfer Curriculum) – Minimum of one course (at least three semester credits)

Residency credit required for the application of alternative education credit.

• CREDIT-BY-EXAM – Minimum 12 semester credits with “C” average work
• ADVANCED PLACEMENT – Minimum 12 semester credits
• MILITARY CREDIT - Minimum 12 semester credits of “C” average work

REQUIREMENTS FOR THE ASSOCIATE DEGREE

Graduates from Cuesta College have conferred upon them the degree of Associate in Arts or Associate in Science. Requirements for graduation are prescribed by the Board of Governors of the California Community Colleges and the District Board of Trustees.

Designated Degree

Requirements:
• 60 semester degree applicable credits overall
  - lower division coursework only (use of upper division credits is subject to appeal)
• 18 credits of Cuesta general education coursework with a minimum overall GPA of 2.00
• Prescribed coursework in a specific major with grades of “C” or better
• Residency
• Health Education
• Diversity
• English Competency
• Math Competency
• American Ideals/Institutions
• 2.00 GPA overall

A.A., Liberal Arts (Non-Transfer)

Requirements:
• 60 semester degree applicable credits overall
  - lower division coursework only (use of upper division credits is subject to appeal)
• 18 semester credits of Cuesta general education coursework with a minimum overall GPA of 2.00
• 18 semester credits of coursework in one of the following Areas of Emphasis with grades of “C” or better:
  - Arts and Humanities
  - Mathematics and Sciences
  - Social and Behavioral Sciences
For Depth, at least three disciplines must be selected
• Residency
• Health Education
• Diversity
• English Competency
• Math Competency
• American Ideals/Institutions
• 2.00 GPA overall
A.A., Liberal (Transfer)

Requirements:

- 60 semester transferable credits overall (CSU or UC)
  - lower division coursework only (use of upper division credit is subject to appeal)
- Completion of the CSU GE with an overall minimum GPA of 2.00, or
- Completion of IGETC (minimum grade of “C” required in all coursework)
- 18 semester credits of coursework in one of the following Areas of Emphasis with grades of “C” or better:
  - Arts and Humanities
  - Mathematics and Sciences
  - Social and Behavioral Sciences

A.A. for Transfer and A.S. for Transfer

California Community Colleges offer 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 clear 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.

Students who have been awarded an AA-T or AS-T are able to complete their remaining requirements for the 120-credits baccalaureate degree within 60 semester or 90 quarter credits.

To view the most current list of Cuesta College Associate Degrees for Transfer and to find out which CSU campuses accept each degree, please go to www.californiacommunitycolleges.cccco.edu/Students/AssociateDegreeforTransfer.aspx. Current and prospective community college students are encouraged to meet with a counselor to review their options for transfer and to develop an educational plan that best meets their goals and needs.

Requirements:

- Minimum of 60 CSU transferable semester credits
- Minimum overall grade point average (GPA) of at least 2.00
  - While a minimum of 2.00 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information
- Completion of a minimum of 18 semester credits in prescribed major coursework, with a grade of C or better or a “P” if the course is taken on a “pass-no pass” basis
- Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC)

Important Information for Transfer-bound Students

Earning an associate degree may not guarantee transfer readiness into a particular CSU or UC campus or major. Consult with an academic counselor for details and a thorough evaluation of your transferable credits, grade point average, and lower division major preparation.

Required Records for Degree Evaluation

Cuesta College incorporates all associate degree applicable coursework from all regionally accredited institutions attended, into overall totals for the degree.

Official transcripts from all post secondary institutions attended are required. Incomplete or missing transcripts and other records will cause the degree to be denied.

Official documentation is required for Advanced Placement scores and other sources of alternative education to be applied to program requirements.

Advanced Placement scores may be ordered by calling the College Board at 888-308-0013 (http://www.collegeboard.com/student/testing/ap/exgrd_rep.html).

Any foreign credentials must be independently evaluated and the official independent evaluation submitted to the Evaluations Office. Academic Credentials Evaluation Institute, Inc. (ACEI) is the preferred provider for independent evaluation of foreign credentials (http://www.acei1.com), and a "comprehensive" evaluation is required. Use of other agencies must be approved by the Cuesta College Director of Admissions and Records.

CUESTA GENERAL EDUCATION

General education is a coherent pattern of courses intended to serve three purposes: Taken as a whole, the program is intended to strengthen students’ essential intellectual skills; broadly introduce students to the core concepts and methods of the major disciplines; and prepare students to lead enriched lives in our multicultural society. General education courses are distinguished from those required for a major or allowed as freely chosen electives. Courses in the general education category are “general” in two senses: independently, they survey the core concepts and methods of the discipline in which they are included; and they point, where possible, to the influences and contributions of the discipline to other disciplines, culture, human history and our quest to understand our universe.

Through this program, students will acquire the ability to think and communicate clearly and effectively both orally and in writing; to use mathematics and other symbolic systems; to understand the modes of inquiry of the major disciplines; to appreciate the structures and processes of the natural environment; to be aware of other cultures and times; to achieve insights by thinking about ethical and social problems; to understand and appreciate the history of US culture and its governing institutions.

Upon completion of the general education course pattern, in addition to the area-specific outcomes, students should be able to:

- identify, explain, and analyze the core concepts and methods of the major discipline in which the course is included;
- identify, explain, and analyze the influences and contributions of the specific discipline to other disciplines, cultures, human history, and our quest to understand the universe.
- organize, integrate, and critically analyze information within the course, using these skills to generate and evaluate alternative perspectives; and
- prepare students to live enriched lives in our multicultural society.

AREA A: PHYSICAL AND LIFE SCIENCES

After successfully completing courses in this category, students will understand the scientific method and its role in research, analyze problems in a structured way, and develop and employ strategies for solutions using scientific principles. Students will understand the empirical bases for current scientific theories, how those theories develop and change, and how they explain the natural world. Students also will appreciate the influence of scientific knowledge on the development of civilization.
Select one course from the following:

**Anthropology**
- 201 Physical Anthropology (3)

**Astronomy**
- 210 Astronomy (3)

**Biology**
- 201A Biology (5)
- 204 Microbiology (5)
- 205 Human Anatomy (4)
- 211 Life Science (3)
- 212 Human Biology (3)
- 213 Genetics in Society (3)
- 216 Plants & People (4)
- 220 Environmental Biology (3)
- 221 General Ecology (4)
- 222 Marine Biology (3)
- 224 Principles of Natural History (3)

**Chemistry**
- 201A General College Chemistry (5)
- 210FL Introduction to Chemistry with Facilitator Assisted Learning (4)
- 211 Introductory Organic/Biochemistry (4)

**Electronics and Electrical Technology**
- 213 Electronics Fundamentals (6)

**Geology**
- 210 Physical Geology (4)
- 211 Historical Geology (4)
- 212 Geologic Hazards, Man, and the Environment (3)
- 220 Geology of California (3)

**Nutrition**
- 210 Nutrition (3)
- 211 Introduction to Nutrition for Health Professionals (3)

**Oceanography**
- 210 Oceanography (3)
- 212 Introduction to Meteorology (3)

**Physical Science**
- 201A Physical Science: Physics and Chemistry (3)
- 201B Physical Science: Astronomy and Geology (3)

**Physics**
- 205A General Physics (4)
- 208A Principles of Physics (5)

**Psychology**
- 202 Introduction to Biological Psychology (3)

**Area B: Social and Behavioral Studies**

After successfully completing courses in this category, students will understand the theories and be able to employ and evaluate the methods of social science inquiry. Students will be able to analyze and critically assess ideas about the individual, social groups, institutions and society, as well as their interrelationships, structure and function. Students will be able to use this knowledge to develop a capacity for self-understanding and to understand contemporary issues, conflicts, problems and their origins.
**AREA C: ARTS AND HUMANITIES**

After successfully completing courses in this category, students will recognize the value of the great works of the human imagination in a broad context and understand their contribution to human culture. They will be able to analyze and appraise cultural/artistic achievements in verbal and/or non-verbal forms. Since language acquisition is a door to understanding the arts and humanities of other cultures, students who acquire second language skills also fulfill the category C requirement.

Select one course from the following:

**American Sign Language**
- 215A Beginning American Sign Language (3)
- 215B American Sign Language II (3)
- 215C American Sign Language III (3)

**Art**
- 200 Art Appreciation (3)
- 203 Survey of Art History: Old Stone Age through Gothic (3)
- 204 Survey of Art History: Renaissance through 19th Century (3)
- 205 Survey of Art History: Modernism and Post-Modernism (3)
- 206 Survey of Art History: Non-Western Art (3)
- 220 Fundamentals of 2-D Design (2-3)
- 221 Beginning Drawing (2-3)
- 240 Introduction to Print Media (2-3)
- 270 3-Dimensional Design (2-3)
- 271 Beginning Sculpture (2-3)
- 280 Ceramics (2-3)

**Communication Studies**
- 202A Oral Interpretation of Literature (3)

**Drama**
- 201A Principles of Acting (3)
- 205 Introduction to Dramatic Literature (3)
- 206 Theater Appreciation (3)
- 207 Introduction to the Theatre (3)

**English**
- 201B English Composition: Introduction to Literature (4)
- 205 Introduction to Poetry (3)
- 206 Introduction to the Novel (3)
- 212A American Literature (3)
- 212B American Literature (3)
- 213 Multicultural Voices in American Literature (3)
- 215 Shakespeare (3)
- 216 Literature and Film (3)
- 217 Literature by Women (3)
- 231 Creative Writing (3)
- 244A European Literature (3)
- 244B European Literature (3)
- 246A Survey of British Literature (3)
- 246B Survey of British Literature (3)

**French**
- 201 Elementary French (5)
- 202 French (5)
- 203 French (5)

**German**
- 201 Elementary German (5)
- 202 German (5)
- 203 German (5)

**Interior Design**
- 282 History of Interior Design (4)

**Music**
- 235 Music Appreciation: Classical Music (3)
- 237 Music Appreciation: American Popular Music (3)
- 238 Music Appreciation: Jazz History (3)
- 239 Fundamentals of Music (3)

**Philosophy**
- 205 Introduction to the Bible (3)
- 206 Introduction to Philosophy (3)
- 209 World Religions (3)
- 212 Philosophical Classics in Theory of Reality (3)
- 213 Philosophical Classics in Ethics and Social Philosophy (3)

**Spanish**
- 201 Elementary Spanish (5)
- 202 Spanish (5)
- 203 Spanish (5)

**AREA D: ENGLISH AND MATH COMPETENCY REQUIREMENT**

Competency in reading, written expression, and mathematics must be demonstrated. The reading and written expression competency requirement is satisfied by completing English 201A, or an equivalent college level writing course with a grade of “C” or better, from a regionally accredited institution.

The mathematics competency requirement is satisfied by completing Math 124, 126B, 127 or a higher college level mathematics course, with a grade of “C” or better. Equivalent college level mathematics courses completed at regionally accredited colleges and universities are also acceptable.

(Note: Students who have been in attendance at Cuesta or any regionally accredited institution prior to Fall 2009 should see a Cuesta counselor to establish catalog rights regarding competency requirements.)

**AREA D1: COMMUNICATIONS IN ENGLISH**

After successfully completing this category, students will be able to read and write effective expository and argumentative prose with a focus on inquiry as well as persuasion. Students will be able to read critically in order to comprehend the central ideas and rhetorical techniques in the assigned texts. They also will be able to demonstrate an ethical use of various rhetorical techniques in their written work.

**English**
- 201A English Composition (4)

**AREA D2: ANALYTICAL THINKING**

After successfully completing this category, students will be able to construct and analyze statements in a formal symbolic system, and understand the relationship between the symbolic system and its various applications in the real world. Students will also appreciate the strengths and limitations of the system, its logical structure, and its derivation.

Complete one course from the following:

**Computer Information Systems**
- 201 Introduction to Computer Science (3)
- 217 “C” Programming Language (3)
- 231 Fundamentals of Computer Science I (4)
Electronics and Electrical Technology
216 Digital Circuits (4)

Mathematics
126B Intermediate Algebra - Part 2 (5)
127 Intermediate Algebra (5)
229 Trigonometry (3)
230 College Mathematics for the Humanities (3)
231 Trigonometry with Geometric Foundations (5)
232 College Algebra (3)
236 Introduction to Applied Statistics (3)
242 Pre-calculus Algebra (5)
247 Introduction to Statistics (4)
255 Calculus for Business and Management (3)
265A Analytic Geometry and Calculus (5)
265B Analytic Geometry and Calculus (5)
283 Calculus (5)
287 Linear Analysis (5)

Philosophy
208 Introduction to Logic (3)

Area E: American Institutions
After successfully completing courses in this category, students will understand the impact of social, political, and economic forces in the historical development of the US. Students will be able to employ interpretative skills to analyze historical causes and effects. Students will have an enhanced understanding of the interrelationship among the branches of our government over time. Students will also develop an understanding of US cultural and social diversity, and ethnic, gender, and class conflict.

Select one course from the following (cannot be double counted for AREA B):

History
207A History of the United States (3)
207B History of the United States (3)

Political Science
202 Government and Politics of the United States (3)

Diversity Requirement
After successfully completing the requirement, students will be able to identify, assess, and challenge biased assumptions and behaviors of individuals and societal institutions; analyze inter-group relations within categories of identity, such as race, ethnicity, gender, religion, sexual orientation, class, ability, nationality, or age; and examine struggles of non-dominant groups for power, justice, and access to resources.

Select one course from the following approved courses for 2012-13:

Anthropology
203 Cultural Anthropology (3)
220 California Indians (3)

Business Education
260 International Business (3)

Communication Studies
212 Intercultural Communication (3)

Criminal Justice
224 Police-Community Relations (3)

Early Childhood Education
215 Teaching in a Diverse Society (3)

English
213 Multicultural Voices in American Literature (3)
217 Literature by Women (3)

Family Studies
213 Ethnic Identity and Developmental Patterns (3)
215 Developmental Patterns of Women (3)

Health Education
203 Women's Health Issues (3)
208 Multicultural Health (3)

History
237 History of American Women (3)
239 History of the Role of Women (3)

Legal
217 Introduction to Law (3)

Nutrition
222 Food Customs and Culture

Psychology
206 Introduction to Social Psychology (3)

Sociology
202 Social Problems (3)
206 Minority Group Relations (3)
208 Introduction to Women's Studies (3)

Completion of one of the following degree or certificate programs will also satisfy the Diversity requirement:
• A.S., Nursing, Registered
• C.A., Nursing, Registered
• C.A., Nursing, Registered (30 Unit Option)

Health Requirement
After successfully completing this requirement, students will be able to apply a breadth & depth of knowledge that is inclusive of all the dimensions of health e.g., spiritual, environmental, social, mental & emotional, and physical. The scope and content of the health education course work this requirement provides the student with the knowledge and problem solving skills essential to evaluate health literature, analyze personal health risks and promote lifestyle choices. This preparation empowers the student to make relevant choices applicable to their genetic, environmental, and health risk factors that ultimately optimize mind/body/spirit health over a lifetime.

• Descriptive and discussion content of the major chronic diseases in the United States.
• Evaluation of individual risk factors for chronic diseases from a genetic, environmental, and lifestyle perspective.
• Descriptive and discussion content about communicable diseases/infections (e.g., STIs, Hepatitis C) including symptoms and prevention.
• Analyzing the influence of environmental and nutritional concepts on food choices.
• Relating diet, exercise, and stress management to prevention of diseases and psychological wellbeing.
• Developing an appropriate physical fitness program that includes cardiovascular conditioning, muscle strength and endurance training, and flexibility.
• Examining the relationship between values and beliefs and mental health. Utilize this relationship to create effective interpersonal
communication in relationships, coping, prevention of addictive behaviors and personal safety.

- Analyze and apply spiritual concepts to improve health and wellness.

Select one from the following:

**Health Education**

202  Health Education (3)
203  Women's Health Issues (3)
208  Multicultural Health (3)
210  Community Health (3)

Completion of one of the following degree or certificate programs will also satisfy the Health Education requirement:

- A.S., Nursing, Registered
- C.A., Nursing, Registered
- C.A., Nursing, Registered (30 Unit Option)

**CAREER AND VOCATIONAL PROGRAMS**

Cuesta College offers two types of academic programs with career and vocational emphasis: Associate in Arts or Associate in Science degree and Certificate of Achievement and/or Certificate of Specialization. These programs provide instruction in the skills and knowledge needed to enter or to make progress in an occupation. The student who wants to pursue a career/vocational oriented program must be eligible to enroll at Cuesta College.

The Associate in Arts or Associate in Science degree programs require completion of 60 degree applicable credits, including general education, health education, diversity and American Institutions coursework, in addition to the prescribed coursework in a specific discipline. (See A.A. for Transfer and A.S. for Transfer for certain exceptions). Refer to the “Associate Degrees and Certificates” section.

Career and vocational programs are developed by the college in close cooperation with advisory committees composed of representatives from business, industry and the college. These advisory committees review course content to make certain that the instruction and curriculum provide current skills, and recommendations are made to update the curriculum. In this manner students in these programs receive the most current information and skills to prepare them for employment in their chosen field.

Frequently a student’s educational goal will change. The college recognizes the mobility within our society and the necessity of changing education needs and goals. Therefore, students can switch between programs; without loss of credit.

Certificate programs require completion of a course or a series of courses. Typically, students who seek a certificate wish to complete a career program as quickly as possible to obtain employment. Many students complete the requirements for the certificate, attain employment, and return to Cuesta College to complete the additional requirements for an associate degree or requirements for transfer.

Courses listed in this catalog may not be offered each semester. Consult with a counselor or refer to the current class schedule.

**Certificate of Specialization**

Cuesta College shall grant a Certificate of Specialization to those students who have completed the requirements with a minimum grade of “C” in each course in a specialized area of study, have met residency requirements and apply for the certificate.

**Certificate of Achievement**

Cuesta College shall grant a Certificate of Achievement to those students who have completed the requirements with a minimum grade of “C” in each course in a specialized area of study, have met residency requirements and apply for the certificate.

**EVALUATIONS, SUBSTITUTIONS, WAIVERS AND APPEALS**

Degrees and certificates are awarded only after the Evaluations Office has conducted a final review of complete records and determined that all requirements have been met. Students should schedule regular appointments with a counselor to document progress, prior to submitting the degree or certificate application to the Evaluations Office.

In special circumstances, students may initiate a Substitution or Waiver petition through Counseling Services to request use of other coursework, etc. to meet major coursework requirements, or request a waiver of major coursework/credit requirements. Such petitions must be receive final approval from the division chair/director and instructional dean and be on file with the Evaluations Office for final review.

Students may submit a Policy Appeal for Extenuating Circumstances to the Director of Admissions and Records when justified circumstances exist which may create an impediment to degree or certificate progress. Appeal issues range from priority registration and general education to Cuesta graduation requirements, etc. The Director’s decision is final.

Contact the Evaluations Office at (805) 546-3141 for information.

**CREDIT FOR ALTERNATIVE EDUCATION**

Cuesta College affirms that there is merit in awarding college credit for other than the traditional classroom experiences when those experiences represent learning that may be validated. Therefore, Cuesta College awards credit according to the policies stated below.

**Advanced Placement Examination**

Cuesta College recognizes the completion of College Board Advanced Placement Exams (AP), authorized by the College Entrance Examination Board (CEEB). Credit is awarded based upon the criteria established by the college. Advanced placement scores may be ordered by calling the College Board at (888) 308-0013.

**Credit for Educational Training in the Military**

For currently enrolled students, in good standing, who have completed at least 12 semester credits of “C” average work at Cuesta College, the college may grant up to 12 elective semester credits in accordance with the recommendations of the American Council on Education for educational training completed in the military service. Educational work completed through the United States Armed Forces Institute (USAFI) will also be accepted with no unit maximum. For more information contact the Veteran’s Resource Center.

**Credit by Examination (Challenge of Courses)**

Credit by Examination enables students to use their acquired knowledge,
abilities and competencies to challenge certain existing courses for credit.

Petitions for Credit by Examination must be submitted to the Admissions and Records Office no later than the Friday of the fourth week of the fall or spring semester or the Friday of the second week of summer session.

These requirements must be met in order to qualify for Credit by Examination:

• The course is listed in the catalog and appears on the list of classes that may be challenged for that semester or session.
• The student has completed all prerequisites for the course.
• The student is duly registered, in good standing, and has completed at least 12 semester credits of “C” average work at Cuesta College.

The following restrictions apply per Cuesta College Board Policy R6400:

• A course may be challenged for a letter grade or on a pass/no pass basis if the course has an either/or grade option code.
• A maximum of 15 semester credits may be challenged.
• A course may not be challenged more than once.
• Credits received through a challenge may not be used to satisfy eligibility requirements for athletics, financial aid or veterans benefits.
• For courses that involve a lab, the examination will include a lab portion, studio portfolio evaluation or a similar demonstration of ability.
• Credits received through challenge may not be used to satisfy residency requirements.

For more information, refer to the "Petition for Credit by Examination" form available in the Admissions and Records Office.

Independent Studies

The option of Independent Study at Cuesta College provides an opportunity for an in-depth study or practicum experience by an individual student in a selected topic under the direction of an instructor. In order to qualify, a student must not be on academic probation, must be enrolled in another class in addition to the independent study course, and must have completed the prerequisite and preparatory course work. A student may not earn more than two credits for an independent study course in any term. To initiate independent study, a student should confirm through the Admissions and Records Office eligibility to enroll in an independent study course and should contact the appropriate academic division.

High School Career Education Articulation

Local high school students may receive Cuesta College credit for approved technical and vocational courses, through the San Luis Obispo County Tech Prep Articulation Agreement process. A specialized “Credit by Examination process” allows high school students to challenge the content and/or skill proficiency of specific courses, provided a valid Tech Prep articulation agreement between the student’s high school and Cuesta College is maintained. Enrollment fees are waived for students currently enrolled in high school who have been in residence in San Luis Obispo County for at least one year. Each student must fill out a Cuesta College admission application and a “Permit to Enroll” form, and submit a transcript to the Cuesta College Records Office.

For more information, contact the Tech Prep Office at 805-546-3100 ext 2533.

Continuing Education Units (CEU)

Though earned at colleges and universities, continuing education courses are designed for personal enrichment or job advancement and may not be used.

College Level Examination Program (CLEP)

A passing score earned on the American Government CLEP exam is accepted by Cuesta College for credit toward Cuesta's POLS 202, Government and Politics of the United States. Due to lab or performance requirements, Cuesta College does not accept credit through examination for any of the other tests offered by the College Level Exam Program.

Non-Degree Applicable Credits

Non-degree applicable college courses are not used to meet degree curriculum or credit requirements. Degree applicability is determined according to the catalog for the term in which course was taken.

Credits from Non-Accredited Institutions

Cuesta College will only accept course work from institutions that are recognized by a regional accrediting agency.

Upper Division Course Work

Course credit from colleges and universities at the upper division level is not used (certain exceptions apply).

CREDITS NOT ACCEPTED TOWARD DEGREES/ CERTIFICATES/CERTIFICATIONS
# LIST OF DEGREES AND CERTIFICATES

## Agricultural Technology
- C.S. Viticulture Practices
- C.S. Viticulture Practices and Maintenance

## Architectural Technology
- A.S. Architectural Technology
- C.A. Architectural Technology

## Art
- A.A. Art History and Professional Practices
- A.A. Art Studio
- C.S. Graphics

## Automotive Technology
- A.S. Advanced Engine Performance Technician
- A.S. Auto Body Technician
- C.A. Auto Body Technician
- A.S. Automotive Technician
- C.A. Automatic Transmission/Transaxle Specialist
- C.A. Brakes Specialist
- C.A. Chassis and Suspension Specialist
- C.A. Electrical Systems Specialist
- C.A. Engine Performance Specialist
- C.A. Engine Repair Specialist
- C.A. Heating and Air Conditioning Specialist
- C.A. Manual Drivetrains and Axles Specialist

## Biology
- A.S. Biological Sciences

## Broadcast Communications
- A.A. Broadcast Communications

## Business
- A.A. Business Administration - Transferable
- A.A. Business Administration - Career Path
- C.A. Business Administration
- A.A. Management
- C.S. Customer Service
- A.A. Marketing

## Chemistry
- A.S. Chemistry

## Computer Applications/Office Administration
- A.A. Computer Applications/Office Administration
- C.A. Administrative Assistant
- C.A. Office Professional
- C.A. Word Processing
- C.A. Accounting Clerk/Bookkeeper
- C.A. Business Communications
- C.S. Desktop Publishing
- C.A. Computer Applications
- C.A. Document Processing

## Computer Information Systems
- A.S. Computer Science
- A.S. Management Information Systems

## Computer and Networking Technology
- A.S. Computer and Networking Technology
- C.A. Computer and Network Maintenance
- C.A. Computer Networking Specialist
- C.S. Computer Repair

## Construction Technology
- A.S. Construction Technology
- C.A. Construction Technology

## Criminal Justice
- A.A. Criminal Justice

## Culinary Arts
- A.S. Culinary Arts
- C.A. Culinary Arts
- C.S. Baking
- C.S. Whole Foods

## Dance
- A.A. Dance

## Drama
- A.A. Drama

## Early Childhood Education
- A.A. Early Childhood Education Teacher
- C.A. Early Childhood Education Teacher

## Electronics and Electrical Technology
- A.S. Electrical Technology
- C.A. Electrical Technology
- C.S. Power and Instrumentation Certificate

## Emergency Medical Services
- C.A. Paramedic
- C.S. Emergency Medical Services Hazardous Materials First Responder Operational
- C.S. Emergency Medical Services Technician Refresher
- C.S. Emergency Medical Technician

## Engineering
- A.S. Engineering

## English
- A.A. English

## English as a Second Language
- C.S. English as a Second Language, Intermediate
- C.S. English as a Second Language, Advanced

## Facilities
- A.S. Facilities Technology Management
- C.A. Facilities Technology

## Family Studies/Human Services
- A.A. Family Studies/Human Services
- C.S. Addiction Studies
- C.S. Addiction Studies Fieldwork

## Fashion Design and Merchandising
- A.A. Fashion Design
- C.A. Fashion Design
- A.A. Fashion Merchandising
- C.A. Fashion Merchandising
Geology
A.S. Geology

History
A.A. History

Hospitality
A.A. Hospitality
C.A. Hospitality
C.S. Hospitality Fundamentals

Interior Design
A.A. Interior Design
C.A. Interior Design

International Studies
A.A. International Studies

Journalism
A.A. Journalism

Kinesiology
A.S. Fitness, Health and Nutrition
C.A. Fitness, Health and Nutrition
A.S. Kinesiology
C.S. Personal Training

Liberal Arts
A.A. Liberal Arts (Non-Transfer): Arts and Humanities
A.A. Liberal Arts (Non-Transfer): Mathematics and Sciences
A.A. Liberal Arts (Non-Transfer): Social and Behavioral Sciences
A.A. Liberal Arts (Transfer): Arts and Humanities
A.A. Liberal Arts (Transfer): Mathematics and Sciences
A.A. Liberal Arts (Transfer): Social and Behavioral Sciences
C.A. CSU General Education
C.A. IGETC

Legal Studies
A.A. Legal Studies: Business Option
A.A. Legal Studies: Social Science Option

Library/Information Technology
A.S. Library/Information Technology
C.A. Library/Information Technology
C.S. Essential Skills for Internet Research
C.S. Library Services to Children
C.S. Web Page Coding

Mathematics
A.S. Mathematics

Medical Assisting
A.S. Medical Assisting
C.A. Medical Assisting
C.S. Medical Assisting
C.S. Phlebotomy

Music
A.A. Jazz Studies
A.A. Music Performance
C.S. Audio Technology

Nursing Assistant
C.S. Nursing Assistant
C.S. Nursing Assistant, Acute Care Nurse Assistant
C.S. Nursing Assistant, EKG Monitor Observer

Nursing, Licensed Vocational Nurse
C.A. Nursing, Licensed Vocational Nurse

Nursing, Registered
A.S. Nursing, Registered
C.A. Nursing, Registered
C.A. Nursing, Registered (30 Unit Option)

Nutrition
C.S. Nutrition

Paralegal
A.A. Paralegal
C.A. Paralegal

Paramedic
See Emergency Medical Services

Physics
A.S. Physics

Political Science
A.A. Political Science

Psychiatric Technician
A.S. Psychiatric Technician
C.A. Psychiatric Technician

Psychology
A.S. Psychology

Recreation
A.A. Recreation Administration

Sociology
A.A. Sociology

Transfer Degrees
AS-T Mathematics
AA-T Sociology

Transfer Certificates
C.A. CSU General Education
C.A. IGETC

Web Development Technologies
C.A. Web Development Technologies

Welding
A.S. Welding Technology
C.A. Welding Technology
C.S. Welding Technology Pipe
C.S. Welding Technology Structural Steel

Non-Credit
C.C. Income Tax Preparation
C.C. Non Credit English as a Second Language
C.C. Non Credit Vocational English as a Second Language
C.C. Secondary Education
Link to Cuesta College Program Student Learning Outcomes
http://www.curricunet.com/Cuesta/search/program/program_search_result.cfm?status=1&colleges_id=1&subjects_id=&program_title=&OK=OK

Institutional Learning Outcomes for the district can be found at:
http://academic.cuesta.edu/sloa/docs/Cuesta_ILO_final.pdf
AGRICULTURAL TECHNOLOGY

C.S., VITICULTURE PRACTICES
Required Courses (5 credits)
AGTC 105  Vineyard Pruning  .5
AGTC 110  Propagation Techniques  .5
AGTC 115  Vineyard Irrigation and Fertilization  1
AGTC 120  Vineyard Canopy Management  1
AGTC 130  Basic Viticulture  1
AGTC 135  Pest Control Management Update  .5
AGTC 140  Soil Fertility and Quality in Central Coast Viticulture  .5

C.S., VITICULTURE PRACTICES AND MAINTENANCE
Required Courses (17 credits)
AGTC 105  Vineyard Pruning  .5
AGTC 110  Propagation Techniques  .5
AGTC 115  Vineyard Irrigation and Fertilization  1
AGTC 120  Vineyard Canopy Management  1
AGTC 130  Basic Viticulture  1
AGTC 135  Pest Control Management Update  .5
AGTC 140  Soil Fertility and Quality in Central Coast Viticulture  .5
CTCH 250  Introduction to Construction  3
CTCH 168  Residential Plumbing  3
CTCH 169  Residential Wiring  3
WELD 270A  Basic Welding  3

ARCHITECTURAL TECHNOLOGY

A.S., ARCHITECTURAL TECHNOLOGY
Required Courses (34.5 credits)
ARCH 201  Survey of Architectural Education and Practice  1.5
ARCH 232  Architectural Design & Presentation
Computer Graphics  3
ARCH 221  Design and Visual Communication I  4
ARCH 222  Design and Visual Communication II  4
ARCH 244  Architectural Environment Control Systems  3
ARCH 230  Architectural Computer Aided Drafting and Design  3
ARCH 242  Introduction to Architectural Practice  3
ARCH 251  Architectural Design Fundamentals I  5
ARCH 252  Architectural Design Fundamentals II  5
CTCH 250  Introduction to Construction  3
Plus 9 units from the following:
ARCH 202  Introduction to Architecture and Environmental Design  1.5
ARCH 205  Architectural Modelmaking  2
ARCH 245  Green Building with LEED Training  1
ARCH 254  Advanced Architectural Graphic Communication  2
ENGR 125  AutoCAD  1
or ENGR 226  Engineering Drawing I  (4)
ENGR 227  Engineering Drawing II  3
ENGR 250  Engineering Statics  3
ENGR 252A  Strength of Materials I  2
and ENGR 252B  Strength of Materials II  2
ENGR 260  Structural Systems for Architects  3
C.A., ARCHITECTURAL TECHNOLOGY
Required Courses (21.5 credits)
ARCH 201  Survey of Architectural Education and Practice  1.5
ARCH 232  Architectural Design & Presentation
Computer Graphics  3
ARCH 221  Design and Visual Communication I  4
ARCH 230  Architectural Computer Aided Drafting and Design  3
ARCH 242  Introduction to Architectural Practice  3
CTCH 250  Introduction to Construction  3
ENGR 226  Engineering Drawing I  4
Plus 6 units from the following:
ARCH 202  Introduction to Architecture and Environmental Design  1.5
ARCH 222  Design and Visual Communication II  4
ARCH 213  Architecture Portfolio Presentation  2
ARCH 205  Architectural Modelmaking  2
ARCH 245  Green Building with LEED Training  1
ARCH 254  Advanced Architectural Graphic Communication  2
ENGR 227  Engineering Drawing II  3
MATH 125  Plane Geometry  3
MATH 126B  Intermediate Algebra-Part 2  5
MATH 127  Intermediate Algebra  5
MATH 229  Trigonometry  3
MATH 231  Trigonometry with Geometric Foundations  5
MATH 242  Precalculus Algebra  5
MATH 263  Precalculus Math  5
MATH 265A  Analytic Geometry and Calculus  5
MATH 265B  Analytic Geometry and Calculus  5
ART

A.A., ART HISTORY AND PROFESSIONAL PRACTICES
A total of 21 credits are required for the degree. A minimum of 8 credits from the Required Courses must be earned at Cuesta College.
Required Courses (15 credits)
ART 202  Museum Practices  3
or ART 295  Art Gallery  (3)
ART 203  Survey of Art History: Old Stoneage Through Gothic  3
ART 204  Survey of Art History: Renaissance Through 19th Century  3
ART 205  Survey of Art History: Modernism and Post-Modernism  3
ART 206  Survey of Art History: Non-Western Art  3
Plus 6 credits from the following:
ART 200  Art Appreciation  3
ART 202  Museum Practices  3
ART 220  Fundamentals of 2-Dimensional Design  3
ART 221  Beginning Drawing  2-3
ART 229  Color  3
ART 243  Book Arts  2-3
ART 244  Photography  2-3
ART 253  Digital Art  2-3
ART 256  Adobe Photoshop: Art, Design, and Photography  1-3
ART 266  Graphic Design  3
ART 268  Typography  3
ART 270  Fundamentals of 3-Dimensional Design  3
ART 271  Beginning Sculpture  2-3
ART 280  Ceramics  2-3
ART 295  Art Gallery  3

NOTE: Students who plan to use these courses to transfer into art programs in four year colleges are advised to take the 3 credit courses.

A.A., ART STUDIO
A total of 21 credits are required for the degree. A minimum of 12 credits in Art must be earned at Cuesta College.

Required Courses (11 credits)
ART 203  Survey of Art History: Old Stoneage Through Gothic  3
or ART 204  Survey of Art History: Renaissance Through 19th Century (3)
or ART 205  Survey of Art History: Modernism and Post-Modernism (3)
or ART 206  Survey or Art History: Non-Western Art (3)
ART 220  Fundamentals of 2-Dimensional Design  3
or ART 270  Fundamentals of 3-Dimensional Design (3)
ART 221  Beginning Drawing  3
ART 293  Portfolio Presentation  2

Plus 10 credits from the following:
ART 220  Fundamentals of 2-Dimensional Design  3
ART 222  Intermediate Drawing  2-3
ART 223  Life Drawing  2-3
ART 224  Intermediate Life Drawing  2-3
ART 229  Color  3
ART 230  Beginning Painting  2-3
ART 231  Intermediate Painting  2-3
ART 232  Watercolor Painting  2-3
ART 233  Intermediate Watercolor Painting  2-3
ART 235  Mural Painting  3
ART 234  Figure Painting  2-3
ART 240  Introduction to Print Media  2-3
ART 241  Etching  2-3
ART 243  Book Arts  2-3
ART 244  Photography  2-3
ART 245  Intermediate Photography  2-3
ART 247  Digital Video Editing  3
ART 248  Digital Video Effects  3
ART 249  Digital Photography  3
ART 251  Alternative Photographic Processes  3
ART 252  Photographic Lighting  3
ART 253  Digital Art  2-3
ART 254  Intermediate Digital Art  3
ART 255  Adobe Illustrator: Art, Design, and Illustration  1-3
ART 256  Adobe Photoshop: Art, Design, and Photography  1-3
ART 257  Digital Painting  1-3
ART 258  Adobe InDesign: Art, Design, and Photography  1-3
ART 259  Adobe Dreamweaver: Art, Design, and Interactivity  1-3
ART 265  Adobe Flash: Art, Design, and Animation  3
ART 266  Graphic Design  3
ART 267  Intermediate Graphic Design  2-3
ART 268  Typography  3
ART 270  Fundamentals of 3-Dimensional Design  3
ART 271  Beginning Sculpture  2-3
ART 272  Intermediate Sculpture  2-3
ART 273  Figure Sculpture  2-3
ART 274  Sculpture Foundry  2-3
ART 280  Ceramics  2-3
ART 281  Ceramics  2-3

ART 282  Intermediate Ceramics  2-3
ART 283  Ceramic Sculpture  2-3
ART 284  Alternative and Primitive Firing Techniques in Ceramics  2-3
ART 295  Art Gallery  3

NOTE: Students who plan to use these courses to transfer into art programs in four year colleges are advised to take the 3 credit courses.

C.S., GRAPHICS
Required Courses (17 credits)
ART 220  Fundamentals of 2-Dimensional Design  3
ART 221  Beginning Drawing  2
ART 255  Adobe Illustrator: Art, Design, and Illustration  3
ART 256  Adobe Photoshop: Art, Design, and Photography  3
ART 258  Adobe InDesign: Art, Design, and Photography  3
or ART 259  Adobe Dreamweaver: Art, Design, and Interactivity (3)
ART 266  Graphic Design  3

AUTOMOTIVE TECHNOLOGY
AUTOMOTIVE TECHNOLOGY A.S. DEGREES
Students must pass a minimum of two certification tests for the National Institute of Automotive Service Excellence (ASE).

AUTOMOTIVE TECHNOLOGY CERTIFICATES OF PROFICIENCY
The program of study is designed to facilitate entry into a growing technology-oriented field or to upgrade those already working in the area of automotive mechanics. Nine specialized Certificates of Proficiency are offered in the area of Automotive Technology. In addition to the prescribed curriculum, a student must pass the certification test for The National Institute for Automotive Service Excellence (ASE) for that specialty area. If the student has completed a high school automotive lab class, or has experience in the auto repair industry, the ATCH 166 Automotive Maintenance & Light Repair Course requirement has been satisfied; however, students may take the class if they wish.

A.S., ADVANCED ENGINE PERFORMANCE TECHNICIAN
Required Courses (36.5 credits)
ATCH 109  Introduction to Automotive Computers  2.5
ATCH 120  Automotive Ignition Systems  2
ATCH 125  Engine Performance  4
ATCH 127  Advanced Emissions Diagnostics  1
ATCH 152  Internal Combustion Engine  3
ATCH 158  Automotive Electricity and Electronics  4
ATCH 160  Automotive Electrical Accessories  4
ATCH 164  Basic Clean Air Car Course  3
ATCH 168  Automotive Repair Business  3
ATCH 187  Automotive Fuel Injection and Turbochargers  3
ATCH 188  Automotive Heating and Air Conditioning  3
ENGL 201A  English Composition  4

Plus choose one course from the following:
MATH 124  Intermediate College Mathematics  3
MATH 127  Intermediate Algebra  5

Plus choose one course from the following:
EET 213  Electronics Fundamentals  6
PSCI 201A  Physical Science: Physics and Chemistry  3
### A.S., AUTO BODY TECHNICIAN

**Required Courses (36.5-38.5 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATCH 160</td>
<td>Automotive Electrical Accessories</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 168</td>
<td>Automotive Repair Business</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 170</td>
<td>Auto Body Repair I</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 171</td>
<td>Advanced Auto Body</td>
<td>3</td>
</tr>
<tr>
<td>or ATCH 177</td>
<td>Advanced Auto Painting</td>
<td>(3)</td>
</tr>
<tr>
<td>ATCH 175</td>
<td>Automotive Painting</td>
<td>5</td>
</tr>
<tr>
<td>ATCH 284</td>
<td>Braking Systems</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 186</td>
<td>Chassis and Suspension Systems</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 188</td>
<td>Automotive Heating and Air Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 109</td>
<td>Introduction to Automotive Computers</td>
<td>2.5</td>
</tr>
<tr>
<td>WELD 270A</td>
<td>Basic Welding</td>
<td>3-4</td>
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<tr>
<td>WELD 270C</td>
<td>Welding GMAW &amp; GTAW</td>
<td>3-4</td>
</tr>
</tbody>
</table>

### C.A., AUTO BODY TECHNICIAN

**Required Courses (18 credits)**

<table>
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<tr>
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<tbody>
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<td>ATCH 160</td>
<td>Automotive Electrical Accessories</td>
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</tr>
<tr>
<td>or ATCH 158</td>
<td>Automotive Electricity and Electronics</td>
<td>(4)</td>
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<tr>
<td>ATCH 168</td>
<td>Automotive Repair Business</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 170</td>
<td>Auto Body Repair I</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 175</td>
<td>Automotive Painting</td>
<td>5</td>
</tr>
<tr>
<td>ATCH 186</td>
<td>Chassis and Suspension Systems</td>
<td>3</td>
</tr>
<tr>
<td>or ATCH 188</td>
<td>Automotive Heating and Air Conditioning</td>
<td>(3)</td>
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</tbody>
</table>

### C.A., AUTOMOTIVE TECHNICIAN

**Required Courses (39.5 credits)**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>ATCH 109</td>
<td>Introduction to Automotive Computers</td>
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<tr>
<td>ATCH 152</td>
<td>Internal Combustion Engine</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 153</td>
<td>Engine Overhaul Procedure</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 158</td>
<td>Automotive Electricity and Electronics</td>
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</tr>
<tr>
<td>ATCH 168</td>
<td>Auto Repair Business</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 182</td>
<td>Automatic Transmission</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 186</td>
<td>Chassis and Suspension Systems</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 188</td>
<td>Automotive Heating and Air Conditioning</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 280</td>
<td>Manual Drive trains</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 281</td>
<td>Manual Transmissions</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 284</td>
<td>Braking Systems</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 201A</td>
<td>English Composition</td>
<td>4</td>
</tr>
</tbody>
</table>

Plus choose one course from the following:

- MATH 124 Intermediate College Mathematics    | 3       |
- MATH 127 Intermediate Algebra                | 5       |

Plus choose one course from the following:

- EET 213 Electronics Fundamentals             | 6       |
- PSCI 201A Physical Science: Physics and Chemistry | 3     |

### C.A., AUTOMATIC TRANSMISSION/TRANSAXLE SPECIALIST

**Required Courses (17 credits)**

<table>
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<td>ATCH 182</td>
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</tr>
<tr>
<td>ATCH 280</td>
<td>Manual Drive trains</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 281</td>
<td>Manual Transmissions</td>
<td>3</td>
</tr>
</tbody>
</table>

### C.A., BRAKES SPECIALIST

**Required Courses (13.5 credits)**

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<tr>
<td>ATCH 168</td>
<td>Automotive Repair Business</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 284</td>
<td>Braking Systems</td>
<td>4</td>
</tr>
</tbody>
</table>

### C.A., CHASSIS AND SUSPENSION SPECIALIST

**Required Courses (14 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>ATCH 160</td>
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<tr>
<td>ATCH 186</td>
<td>Chassis and Suspension Systems</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 284</td>
<td>Braking Systems</td>
<td>4</td>
</tr>
</tbody>
</table>

### C.A., ELECTRICAL SYSTEMS SPECIALIST

**Required Courses (13.5 credits)**

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<td>Automotive Electricity and Electronics</td>
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<td>ATCH 160</td>
<td>Automotive Electrical Accessories</td>
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</tr>
<tr>
<td>ATCH 168</td>
<td>Automotive Repair Business</td>
<td>3</td>
</tr>
</tbody>
</table>

### C.A., ENGINE PERFORMANCE SPECIALIST

**Required Courses (21.5 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
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<tr>
<td>ATCH 109</td>
<td>Introduction to Automotive Computers</td>
<td>2.5</td>
</tr>
<tr>
<td>ATCH 120</td>
<td>Automotive Ignition Systems</td>
<td>2</td>
</tr>
<tr>
<td>ATCH 125</td>
<td>Engine Performance</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 152</td>
<td>Internal Combustion Engines</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 153</td>
<td>Engine Overhaul Procedures</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 158</td>
<td>Automotive Electricity and Electronics</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 187</td>
<td>Automotive Fuel Injection and Turbochargers</td>
<td>3</td>
</tr>
</tbody>
</table>

### C.A., ENGINE REPAIR SPECIALIST

**Required Courses (17 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ATCH 125</td>
<td>Engine Performance</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 152</td>
<td>Internal Combustion Engines</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 153</td>
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<tr>
<td>ATCH 158</td>
<td>Automotive Electricity and Electronics</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 168</td>
<td>Automotive Repair Business</td>
<td>3</td>
</tr>
</tbody>
</table>

### C.A., HEATING AND AIR CONDITIONING SPECIALIST

**Required Course (15.5 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATCH 109</td>
<td>Introduction to Automotive Computers</td>
<td>2.5</td>
</tr>
<tr>
<td>ATCH 152</td>
<td>Internal Combustion Engines</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 160</td>
<td>Automotive Electrical Accessories</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 168</td>
<td>Automotive Repair Business</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 188</td>
<td>Automotive Heating and Air Conditioning</td>
<td>3</td>
</tr>
</tbody>
</table>

### C.A., MANUAL DRIVETRAINS AND AXLES SPECIALIST

**Required Course (13 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATCH 160</td>
<td>Automotive Electrical Accessories</td>
<td>4</td>
</tr>
<tr>
<td>ATCH 168</td>
<td>Automotive Repair Business</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 280</td>
<td>Manual Drive trains</td>
<td>3</td>
</tr>
<tr>
<td>ATCH 281</td>
<td>Manual Transmissions</td>
<td>3</td>
</tr>
</tbody>
</table>

### BIOLOGY

### A.S., BIOLOGICAL SCIENCE

**Required Courses (15 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 201A</td>
<td>Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 201B</td>
<td>Biology</td>
<td>5</td>
</tr>
<tr>
<td>BIO 204</td>
<td>Microbiology</td>
<td>5</td>
</tr>
</tbody>
</table>

Plus 23-27 credits from the following:

- MATH 236 Introduction to Applied Statistics | 3       |
- or MATH 247 Introduction to Statistics      | 4       |
- CHEM 201A General College Chemistry         | 5       |
- and CHEM 201B General College Chemistry     | 5       |
- or PHYS 205A General Physics                | 4       |
- and PHYS 205B General Physics               | 4       |
or PHYS 208A Principles of Physics 5
and PHYS 208B Principles of Physics 5
and PHYS 208C Modern Physics 3

BROADCAST COMMUNICATIONS

A.A., BROADCAST COMMUNICATIONS
Required Courses (19 credits)
BCST 221 Introduction to Broadcasting 3
BCST 223 Video Operations 3
BCST 224A Basic Audio Production 3
BCST 225A Video Studio Production 3
BCST 226 Media Writing 3
ENGL 201A English Composition 4
Plus 3 credits from the following:
BCST 224B Advanced Audio Production 3
BCST 224C Advanced Audio Production 3
BCST 224D Advanced Audio Production 3
BCST 225B Field Video Production and Editing 3
BCST 230A Television Internship 3
BCST 230B Television Internship 3
BCST 230C Television Internship 3
BCST 230D Television Internship 3

BUSINESS

A.A., BUSINESS ADMINISTRATION - TRANSFERABLE
Required Courses (21 credits)
BUS 201A Financial Accounting 4
BUS 201B Managerial Accounting 4
BUS 218 Business Law 4
BUS 245 Introduction to Business 3
ECON 201A Principles of Economics 3
ECON 201B Principles of Economics 3
Plus 6 credits from the following elective options:
BUS 243* Entrepreneurship 3
BUS 249* Entrepreneurship 3
BUS 260* International Business 3
BUS 283* Management and Supervision 3
BUS 286* Human Relations 3
CAOA 227 Business Communications 4
CAOA 261 Introduction to Spreadsheets 3
CAOA 264 Introduction to Database Management 3
CIS 210 Introduction to Computer Applications 4
ECON 201A Principles of Economics 3
ECON 201B Principles of Economics 3
LGL 206 Business Organizations 3
RE 160 Real Estate Principles 3
RE 162 Real Estate Practices 3
RE 168 Real Estate Economics 3
RE 169 Real Estate Property Management 3
Plus 9 or more credits from the following Business electives:
BUS 130 Introduction to E-Commerce 3
BUS 131 E-Commerce: Social Media Marketing 3
BUS 132 E-Commerce: Information Products 3
BUS 133 E-Commerce: Physical Products 3
BUS 134 E-Commerce: Entrepreneurship 4
BUS 135 Everything eBay 3
BUS 201A* Financial Accounting 4
BUS 201B Managerial Accounting 4
BUS 218* Business Law 4
BUS 240 Advertising 3
BUS 241 Sales 3
BUS 243* Marketing 3
BUS 246 Retail Merchandising 3
BUS 248* Small Business Management 3
BUS 249 Entrepreneurship 4
BUS 260* International Business 3
BUS 283* Management and Supervision 3
BUS 286* Human Relations 3
CAOA 227 Business Communications 4
CAOA 261 Introduction to Spreadsheets 3
CAOA 264 Introduction to Database Management 3
CIS 210 Introduction to Computer Applications 4
ECON 201A Principles of Economics 3
ECON 201B Principles of Economics 3
LGL 206 Business Organizations 3
RE 160 Real Estate Principles 3
RE 162 Real Estate Practices 3
RE 168 Real Estate Economics 3
RE 169 Real Estate Property Management 3

A.A., BUSINESS ADMINISTRATION - CAREER PATH
Required Courses (3 credits)
BUS 245 Introduction to Business 3
Plus 12 or more credits from the following core courses:
BUS 201A* Financial Accounting 4
BUS 218* Business Law 4
BUS 243* Marketing 3
BUS 248* Small Business Management 3
BUS 260* International Business 3
BUS 283* Management and Supervision 3
BUS 286* Human Relations 3
ECON 201A Principles of Economics 3
Plus 9 or more credits from the following Business electives:
BUS 130 Introduction to E-Commerce 3
BUS 131 E-Commerce: Social Media Marketing 3
BUS 132 E-Commerce: Information Products 3
BUS 133 E-Commerce: Physical Products 3
BUS 134 E-Commerce: Entrepreneurship 4
BUS 135 Everything eBay 3
BUS 201A* Financial Accounting 4
BUS 201B Managerial Accounting 4
BUS 218* Business Law 4
BUS 240 Advertising 3
BUS 241 Sales 3
BUS 243* Marketing 3
BUS 246 Retail Merchandising 3
BUS 248* Small Business Management 3
BUS 249 Entrepreneurship 4
BUS 260* International Business 3
BUS 283* Management and Supervision 3
BUS 286* Human Relations 3
CAOA 227 Business Communications 4
CAOA 261 Introduction to Spreadsheets 3
CAOA 264 Introduction to Database Management 3
CIS 210 Introduction to Computer Applications 4
ECON 201A Principles of Economics 3
ECON 201B Principles of Economics 3
LGL 206 Business Organizations 3
RE 160 Real Estate Principles 3
RE 162 Real Estate Practices 3
RE 168 Real Estate Economics 3
RE 169 Real Estate Property Management 3

*This class will double count towards meeting Gen. Ed. Social Science requirement for Cuesta’s AA GE, for the CSU GE and for IGETC.

**Most CSU’s and UC’s will require courses in Statistics and Business Calculus or Calculus as part of the BS degree in Business. See a counselor for specific details.

The lower division major requirements for transfer into a Business Administration major can vary at each university. To be best prepared for transfer see a counselor for specific details including information about how to satisfy admission, general education and major requirements at your intended transfer institution.

Lastly, remember that an AA degree requires a total of 60 lower division semester credits which include major coursework, general education and graduation requirements.

C.A., BUSINESS ADMINISTRATION
Required Courses (14 credits)
BUS 201A Principles of Accounting 4
BUS 218 Business Law 4
BUS 245 Introduction to Business 3
ECON 201A Principles of Economics 3
Plus 6 credits from the following:
BUS 130 Introduction to E-Commerce 3

*Courses taken cannot be “double-counted” for credits. That is, completed courses can be counted only once, in either the core courses section or the Business electives section.

Students are encouraged to select courses based upon their personal preferences and vocational or career goals.
BUS 243  Marketing 3
BUS 248  Small Business Management 3
or BUS 249  Entrepreneurship (4)
BUS 260  International Business 3
BUS 283  Management and Supervision 3
BUS 286  Human Relations 3

A.A., MANAGEMENT
Required Courses (12 credits)
BUS 245  Introduction to Business 3
BUS 260  International Business 3
BUS 283  Management and Supervision 3
BUS 286  Human Relations 3
Plus 6 credits from the following:
BUS 130  Introduction to E-Commerce 3
BUS 131  E-Commerce: Social Media Management 3
BUS 201A  Principles of Accounting 4
BUS 218  Business Law 4
BUS 240  Advertising 3
or BUS 241  Sales (3)
BUS 243  Marketing 3
BUS 246  Retail Merchandising 3
BUS 248  Small Business Management 3
or BUS 249  Entrepreneurship (4)
CAOA 227  Business Communications 4
CAOA 261  Introduction to Spreadsheets 3
CAOA 264  Introduction to Database Management 3
CIS 210  Introduction to Computer Applications 4
ECON 201A  Principles of Economics 3
LGL 206  Business Organizations 3
RE 160  Real Estate Principles 3
RE 162  Real Estate Practices 3

C.S., CUSTOMER SERVICE
Required Courses (5 Credits)
Choose 5 credits from the following:
BUS 170  Dealing with Change .5
BUS 171  Team Building .5
BUS 172  Communicating With People .5
BUS 173  Conflict Resolution .5
BUS 174  Customer Service .5
BUS 175  Values and Ethics .5
BUS 176  Attitude in the Workplace .5
BUS 177  Stress Management .5
BUS 178  Decision Making .5
BUS 179  Time Management .5
BUS 181  Professional Image: Appearance, Etiquette, & Networking .5
BUS 182  Goal Setting: Vision, Goals and Job Search Strategies .5
BUS 183  Using Technology to Communicate Effectively .5

A.A., MARKETING
Required Courses (12 credits)
BUS 131  Social Media Marketing 3
BUS 240  Advertising 3
BUS 241  Sales 3
BUS 243  Marketing 3
Plus 12 credits from the following:
BUS 130  Introduction to E-Commerce 3
BUS 132  E-Commerce: Information Products 3
BUS 133  E-Commerce: Physical Products 3
BUS 134  E-Commerce: Entrepreneurship 4
BUS 135  Everything E-Bay 3
BUS 170  Dealing with Change .5
BUS 171  Team Building .5
BUS 172  Communicating With People .5
BUS 173  Conflict Resolution .5
BUS 174  Customer Service .5
BUS 175  Values and Ethics .5
BUS 176  Attitude in the Workplace .5
BUS 177  Stress Management .5
BUS 178  Decision Making .5
BUS 179  Time Management .5
BUS 245  Introduction to Business 3
BUS 248  Small Business Management 3
BUS 249  Entrepreneurship 4
CAOA 167  PowerPoint 1
CAOA 227  Business Communications 4
CAOA 261  Introduction to Spreadsheets 3
CAOA 264  Introduction to Database Management 3
CAOA 265  Adobe InDesign: Business Applications 3
CAOA 269  Introduction to Web Publishing: Dreamweaver 3
CIS 210  Introduction to Computer Applications 4
MATH 247  Introduction to Statistics 4
JOUR 201A  News Writing & Reporting 3
JOUR 201B  Intro to Mass Communications 3
COMM 201A  Speech Communications 3
COMM 212  Intercultural Communications 3

CHEMISTRY
A.S., CHEMISTRY
Required Courses (29 credits)
CHEM 201A  General College Chemistry 5
CHEM 201B  General College Chemistry 5
CHEM 212A  Organic Chemistry 5
CHEM 212B  Organic Chemistry 5
MATH 242  Precalculus Algebra 5
MATH 229  Trigonometry 4

COMPUTER APPLICATIONS/OFFICE ADMINISTRATION
A.A., COMPUTER APPLICATIONS/OFFICE ADMINISTRATION
At least 8 units in Computer Applications/Office Administration must be earned at Cuesta College for a Computer Applications/Office Administration, A.A. Degree.
Required Courses (40.5-42.5 credits)
BUS 201B  Principles of Accounting 4
or CAOA 252  Computerized Accounting Using QuickBooks Pro (3)
BUS 251  Elements of Accounting 4
or BUS 201A  Principles of Accounting (4)
or PLGL 101  Introduction to Law Office Procedures for Paralegals (3)
CAOA 120B  Intermediate Computer Keyboarding and Document Processing 3
CAOA 123  Business English 3
CAOA 225  Business Calculations 3
CAOA 126  Voice Recognition Software with Document Applications 3
or CAOA 250  Advanced Word Processing: Microsoft Word (3)
CAOA 227  Business Communications 4
CAOA 128  Office Technology and Telecommunications 3
### C.A., ADMINISTRATIVE ASSISTANT

**Required Courses (29.5-30.5 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BUS 251</td>
<td>Elements of Accounting</td>
</tr>
<tr>
<td>or BUS 201A Principles of Accounting</td>
<td>(4)</td>
</tr>
<tr>
<td>CAOA 120B</td>
<td>Intermediate Computer Keyboarding and Document Processing</td>
</tr>
<tr>
<td>CAOA 123</td>
<td>Business English</td>
</tr>
<tr>
<td>CAOA 225</td>
<td>Business Calculations</td>
</tr>
<tr>
<td>CAOA 126</td>
<td>Voice Recognition Software with Document Applications</td>
</tr>
<tr>
<td>or CAOA 250 Advanced Word Processing: Microsoft Word</td>
<td>(3)</td>
</tr>
<tr>
<td>CAOA 227</td>
<td>Business Communications</td>
</tr>
<tr>
<td>CAOA 128</td>
<td>Office Technology and Telecommunications</td>
</tr>
<tr>
<td>CAOA 129</td>
<td>Computer Applications/Office Administration Internship</td>
</tr>
<tr>
<td>CAOA 246</td>
<td>Beginning Word Processing: Microsoft Word</td>
</tr>
<tr>
<td>CAOA 252</td>
<td>Computerized Accounting Using QuickBooks Pro</td>
</tr>
<tr>
<td>or BUS 201B Principles of Accounting</td>
<td>(4)</td>
</tr>
</tbody>
</table>

Plus 9 credits from the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BUS 286</td>
<td>Human Relations</td>
</tr>
<tr>
<td>CAOA 120A</td>
<td>Beginning Computer Keyboarding and Document Processing</td>
</tr>
<tr>
<td>CAOA 250* Advanced Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 153</td>
<td>Essentials of MS Publisher</td>
</tr>
<tr>
<td>CAOA 154</td>
<td>Essentials of MS Outlook</td>
</tr>
<tr>
<td>CAOA 156</td>
<td>Test Prep for Microsoft Office Specialist (MOS) Certification</td>
</tr>
<tr>
<td>CAOA 261</td>
<td>Microcomputer Operations</td>
</tr>
<tr>
<td>CAOA 264</td>
<td>Introduction to Spreadsheets</td>
</tr>
<tr>
<td>CAOA 160</td>
<td>Advanced Word Processing: Microsoft Word</td>
</tr>
<tr>
<td>CAOA 160</td>
<td>Microcomputer Operations</td>
</tr>
<tr>
<td>CAOA 250 Advanced Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 261</td>
<td>Microcomputer Operations</td>
</tr>
<tr>
<td>CAOA 264</td>
<td>Introduction to Spreadsheets</td>
</tr>
<tr>
<td>CAOA 160</td>
<td>Advanced Word Processing: Microsoft Word</td>
</tr>
<tr>
<td>CAOA 250 Advanced Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
</tbody>
</table>

* If not used for required credits.

### C.A., OFFICE PROFESSIONAL

**Required Courses (25.5 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 120B</td>
<td>Intermediate Computer Keyboarding and Document Processing</td>
</tr>
<tr>
<td>CAOA 123</td>
<td>Business English</td>
</tr>
<tr>
<td>CAOA 126</td>
<td>Voice Recognition Software with Document Applications</td>
</tr>
<tr>
<td>CAOA 227</td>
<td>Business Communications</td>
</tr>
<tr>
<td>CAOA 128</td>
<td>Office Technology and Telecommunications</td>
</tr>
<tr>
<td>CAOA 129</td>
<td>Computer Applications/Office Administration Internship</td>
</tr>
<tr>
<td>CAOA 246</td>
<td>Beginning Word Processing: Microsoft Word</td>
</tr>
<tr>
<td>CAOA 250</td>
<td>Advanced Word Processing: Microsoft Word</td>
</tr>
</tbody>
</table>

Plus 12 credits from the following:

<table>
<thead>
<tr>
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<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BUS 251</td>
<td>Elements of Accounting</td>
</tr>
<tr>
<td>BUS 286</td>
<td>Human Relations</td>
</tr>
<tr>
<td>CAOA 120A Beginning Computer Keyboarding and Document Processing</td>
<td></td>
</tr>
<tr>
<td>CAOA 153 Essentials of MS Publisher</td>
<td></td>
</tr>
<tr>
<td>CAOA 154 Essentials of MS Outlook</td>
<td></td>
</tr>
<tr>
<td>CAOA 156 Test Prep for Microsoft Office Specialist (MOS) Certification</td>
<td></td>
</tr>
<tr>
<td>CAOA 261 Microcomputer Operations</td>
<td></td>
</tr>
<tr>
<td>CAOA 264 Introduction to Spreadsheets</td>
<td></td>
</tr>
<tr>
<td>CAOA 160 Advanced Word Processing: Microsoft Word</td>
<td></td>
</tr>
<tr>
<td>CAOA 160 Microcomputer Operations</td>
<td></td>
</tr>
<tr>
<td>CAOA 250 Advanced Word Processing: Microsoft Word</td>
<td></td>
</tr>
<tr>
<td>CAOA 160 Microcomputer Operations</td>
<td></td>
</tr>
</tbody>
</table>

### C.A., WORD PROCESSING

**Required Courses (28 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 120B</td>
<td>Intermediate Computer Keyboarding and Document Processing</td>
</tr>
<tr>
<td>CAOA 123</td>
<td>Business English</td>
</tr>
<tr>
<td>CAOA 126</td>
<td>Voice Recognition Software with Document Applications</td>
</tr>
<tr>
<td>CAOA 227</td>
<td>Business Communications</td>
</tr>
<tr>
<td>CAOA 128</td>
<td>Office Technology and Telecommunications</td>
</tr>
<tr>
<td>CAOA 129</td>
<td>Computer Applications/Office Administration Internship</td>
</tr>
<tr>
<td>CAOA 246</td>
<td>Beginning Word Processing: Microsoft Word</td>
</tr>
<tr>
<td>CAOA 252</td>
<td>Computerized Accounting Using QuickBooks Pro</td>
</tr>
<tr>
<td>or BUS 201B Principles of Accounting</td>
<td>(4)</td>
</tr>
</tbody>
</table>

Plus 10 credits from the following:

<table>
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<tr>
<th>Course</th>
<th>Title</th>
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</thead>
<tbody>
<tr>
<td>BUS 251</td>
<td>Elements of Accounting</td>
</tr>
<tr>
<td>BUS 286</td>
<td>Human Relations</td>
</tr>
<tr>
<td>CAOA 120A Beginning Computer Keyboarding and Document Processing</td>
<td></td>
</tr>
<tr>
<td>CAOA 250</td>
<td>Advanced Word Processing: Microsoft Word</td>
</tr>
<tr>
<td>CAOA 160</td>
<td>Microcomputer Operations</td>
</tr>
<tr>
<td>CAOA 225</td>
<td>Business Calculations</td>
</tr>
<tr>
<td>CAOA 246* Beginning Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 153 Essentials of MS Publisher</td>
<td></td>
</tr>
<tr>
<td>CAOA 154 Essentials of MS Outlook</td>
<td></td>
</tr>
<tr>
<td>CAOA 156 Test Prep for Microsoft Office Specialist (MOS) Certification</td>
<td></td>
</tr>
<tr>
<td>CAOA 261 Microcomputer Operations</td>
<td></td>
</tr>
<tr>
<td>CAOA 264 Introduction to Spreadsheets</td>
<td></td>
</tr>
<tr>
<td>CAOA 160 Advanced Word Processing: Microsoft Word</td>
<td></td>
</tr>
<tr>
<td>CAOA 160 Microcomputer Operations</td>
<td></td>
</tr>
</tbody>
</table>

* If not used for required credits.
CAOA 172  Photoshop Elements 1.5
CAOA 173  Adobe Acrobat 1.5
* If not used for required credits.

**C.A., ACCOUNTING CLERK/BOOKKEEPER**

Required Courses (19.5 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 251</td>
<td>Elements of Accounting</td>
<td>4</td>
</tr>
<tr>
<td>CAOA 123</td>
<td>Business English</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 225</td>
<td>Business Calculations</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 128</td>
<td>Office Technology and Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 129</td>
<td>Computer Applications/Office Administration Internship</td>
<td>.5</td>
</tr>
<tr>
<td>CAOA 252</td>
<td>Computerized Accounting Using QuickBooks Pro</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 261</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
</tr>
</tbody>
</table>

Plus 3 credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 120A</td>
<td>Beginning Computer Keyboarding and Document Processing</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 120B</td>
<td>Intermediate Computer Keyboarding and Document Processing</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 160</td>
<td>Microcomputer Operations</td>
<td>3</td>
</tr>
</tbody>
</table>

**C.A., BUSINESS COMMUNICATIONS**

Required Courses (26.5 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 120B</td>
<td>Intermediate Computer Keyboarding and Document Processing</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 123</td>
<td>Business English</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 225</td>
<td>Business Calculations</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 126</td>
<td>Voice Recognition Software with Document Applications</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 227</td>
<td>Business Communications</td>
<td>4</td>
</tr>
<tr>
<td>CAOA 128</td>
<td>Office Technology and Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 129</td>
<td>Computer Applications/Office Administration Internship</td>
<td>.5</td>
</tr>
<tr>
<td>CAOA 246</td>
<td>Beginning Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 250</td>
<td>Advanced Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 167</td>
<td>PowerPoint</td>
<td>1</td>
</tr>
</tbody>
</table>

**C.S., DESKTOP PUBLISHING**

Required Courses (13.5 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 220</td>
<td>Fundamentals of 2-Dimensional Design</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 250</td>
<td>Advanced Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 265</td>
<td>Adobe InDesign</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 268</td>
<td>Introduction to Photoshop</td>
<td>3</td>
</tr>
<tr>
<td>or CAOA 269</td>
<td>Introduction to Web Publishing: Dreamweaver (3)</td>
<td></td>
</tr>
<tr>
<td>CAOA 173</td>
<td>Adobe Acrobat</td>
<td>1.5</td>
</tr>
</tbody>
</table>

Plus 3 credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 153</td>
<td>Essentials of MS Publisher</td>
<td>2</td>
</tr>
<tr>
<td>CAOA 168A</td>
<td>Photoshop-Level 2</td>
<td>1.5</td>
</tr>
<tr>
<td>CAOA 172</td>
<td>Photoshop Elements</td>
<td>1.5</td>
</tr>
<tr>
<td>CAOA 270</td>
<td>Intermediate Web Publishing: Dreamweaver</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 271</td>
<td>Using Flash for Business Applications</td>
<td>3</td>
</tr>
</tbody>
</table>

**C.A., COMPUTER APPLICATIONS**

Required Courses (16 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 246</td>
<td>Beginning Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 250</td>
<td>Advanced Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 261</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 264</td>
<td>Introduction to Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 265</td>
<td>Adobe InDesign</td>
<td>3</td>
</tr>
<tr>
<td>or CAOA 167</td>
<td>PowerPoint</td>
<td>(1)</td>
</tr>
<tr>
<td>and CAOA 153</td>
<td>Essentials of MS Publisher</td>
<td>(2)</td>
</tr>
<tr>
<td>or CAOA 268</td>
<td>Introduction to Photoshop</td>
<td>(3)</td>
</tr>
<tr>
<td>or CAOA 269</td>
<td>Introduction to Web Publishing: Dreamweaver (3)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 266</td>
<td>Introduction to Computer Basics</td>
<td>1</td>
</tr>
</tbody>
</table>
| Plus 3 credits from the following:
| CAOA 120A   | Beginning Computer Keyboarding and Document Processing | 3       |
| CAOA 120B   | Intermediate Computer Keyboarding and Document Processing | 3       |
| CAOA 271    | Using Flash for Business Applications              | 3       |

**C.A., DOCUMENT PROCESSING**

Required Courses (16 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 123</td>
<td>Business English</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 125</td>
<td>Business Calculations</td>
<td>1</td>
</tr>
<tr>
<td>CAOA 128</td>
<td>Office Technology and Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 129</td>
<td>Computer Applications/Office Administration Internship</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 246</td>
<td>Beginning Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 250</td>
<td>Advanced Word Processing: Microsoft Word</td>
<td>3</td>
</tr>
</tbody>
</table>

Plus 1-3 credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAOA 120A</td>
<td>Beginning Computer Keyboarding and Document Processing</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 120B</td>
<td>Intermediate Computer Keyboarding and Document Processing</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 162</td>
<td>Introduction to Beginning Computer Keyboarding</td>
<td>1</td>
</tr>
<tr>
<td>CAOA 173</td>
<td>Adobe Acrobat</td>
<td>1.5</td>
</tr>
<tr>
<td>CAOA 266</td>
<td>Introduction to Computer Basics</td>
<td>1</td>
</tr>
</tbody>
</table>

**COMPUTER INFORMATION SYSTEMS**

**A.S., COMPUTER SCIENCE**

Required Courses (34 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 201</td>
<td>Introduction to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CIS 231</td>
<td>Fundamentals of Computer Science I</td>
<td>4</td>
</tr>
<tr>
<td>CIS 232</td>
<td>Fundamentals of Computer Science II</td>
<td>2</td>
</tr>
<tr>
<td>CIS 233</td>
<td>Fundamentals of Computer Science III</td>
<td>2</td>
</tr>
<tr>
<td>CIS 240</td>
<td>Microcomputer Architecture &amp; Programming</td>
<td>3</td>
</tr>
<tr>
<td>or CIS 241</td>
<td>Discrete Structures</td>
<td>(3)</td>
</tr>
<tr>
<td>CHEM 201A</td>
<td>General College Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>and CHEM 201B</td>
<td>General College Chemistry</td>
<td>5</td>
</tr>
<tr>
<td>or PHYS 208A</td>
<td>Principles of Physics</td>
<td>(5)</td>
</tr>
<tr>
<td>and PHYS 208B</td>
<td>Principles of Physics</td>
<td>(5)</td>
</tr>
<tr>
<td>MATH 265A</td>
<td>Analytic Geometry and Calculus</td>
<td>5</td>
</tr>
<tr>
<td>MATH 265B</td>
<td>Analytic Geometry and Calculus</td>
<td>5</td>
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</tbody>
</table>

Plus 3 credits from the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CIS 217</td>
<td>&quot;C&quot; Programming Language</td>
<td>3</td>
</tr>
<tr>
<td>CIS 219</td>
<td>Object Oriented Programming - C++</td>
<td>3</td>
</tr>
<tr>
<td>CIS 218</td>
<td>C#.NET Programming</td>
<td>3</td>
</tr>
<tr>
<td>CIS 222</td>
<td>Introduction to Unix/Linux</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 217</td>
<td>Introduction to Electronic Circuit Analysis</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 219</td>
<td>Logic and Switching Circuits</td>
<td>4</td>
</tr>
<tr>
<td>ENGR 245</td>
<td>Materials Engineering</td>
<td>3</td>
</tr>
<tr>
<td>ENGR 250</td>
<td>Engineering Statics</td>
<td>3</td>
</tr>
</tbody>
</table>

**A.S., MANAGEMENT INFORMATION SYSTEMS**

Required Courses (36 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUS 201A</td>
<td>Principles of Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 201B</td>
<td>Principles of Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUS 218</td>
<td>Business Law</td>
<td>4</td>
</tr>
<tr>
<td>CAOA 261</td>
<td>Introduction to Spreadsheets</td>
<td>3</td>
</tr>
<tr>
<td>CAOA 264</td>
<td>Introduction to Database Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS 201</td>
<td>Introduction to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>CIS 231</td>
<td>Fundamentals of Computer Science I</td>
<td>4</td>
</tr>
<tr>
<td>CIS 232</td>
<td>Fundamentals of Computer Science II</td>
<td>2</td>
</tr>
</tbody>
</table>
CONSTRUCTION TECHNOLOGY

A.S., CONSTRUCTION TECHNOLOGY

Required Courses (34 credits)

CTCH 250 Introduction to Construction 3
CTCH 255 Basic Woodworking 3
CTCH 163 Construction Management 3
CTCH 164 Blueprint Reading 3
CTCH 168 Residential Plumbing 4
CTCH 169 Residential Wiring 3
CTCH 171A Homebuilding: Layout and Concrete I 3
CTCH 172A Homebuilding: Floor & Wall Framing I 3
CTCH 173A Homebuilding: Roof Framing I 3
CTCH 174A Homebuilding: Finish Carpentry I 3

Plus 3 credits from the following:

BUS 283 Management and Supervision 3
CTCH 156 Machine Woodworking/Furniture 3
CTCH 157 Cabinetmaking/32 mm European Construction 3
CTCH 158 Cabinetmaking/Face Frame Construction 3
CTCH 165 Block Masonry 3
CTCH 166 Brick Masonry 3
CTCH 171B Homebuilding: Layout and Concrete II 2
CTCH 172B Homebuilding: Floor & Wall Framing II 2
CTCH 173B Homebuilding: Roof Framing II 2
CTCH 174B Homebuilding: Finish Carpentry II 2
CTCH 175 Basic Heating, Refrigeration, and Air Conditioning 3
CTCH 176 Basic Water Treatment 3
CTCH 177 Water Distribution Systems 3
CTCH 181 National Electrical Code 3
CTCH 182 Uniform Plumbing and Mechanical Codes 3
CTCH 183A Commercial Wiring and Electrical Systems 4
CTCH 183B Industrial Wiring and Electrical Systems 4
CTCH 284 Introduction to Solar Technology 3.5
CTCH 285 Solar Technology Design and Construction 3.5
CTCH 287 Introduction to Green Technology 4
WELD 270A Basic Welding 3-4

C.A., CONSTRUCTION TECHNOLOGY

Required Courses (24 credits)

CTCH 250 Introduction to Construction 3
CTCH 255 Basic Woodworking 3
CTCH 163 Construction Management 3
CTCH 164 Blueprint Reading 3
CTCH 168 Residential Plumbing 4
CTCH 169 Residential Wiring 3
CTCH 171A Homebuilding: Layout and Concrete I 3
CTCH 172A Homebuilding: Floor & Wall Framing I 3
CTCH 173A Homebuilding: Roof Framing I 3
CTCH 174A Homebuilding: Finish Carpentry I 3

Plus 3 credits from the following:

CTCH 156 Machine Woodworking/Furniture 3
CTCH 157 Cabinetmaking/32 mm European Construction 3
CTCH 158 Cabinetmaking/Face Frame Construction 3
CTCH 165 Block Masonry 3
CTCH 166 Brick Masonry 3
CTCH 171B Homebuilding: Layout and Concrete II 2
CTCH 172B Homebuilding: Floor & Wall Framing II 2

C.S., COMPUTER REPAIR

Required Courses (10 credits)

CTCH 251 Operating Systems Concepts I 3
CTCH 253 Microcomputer Fundamentals for Technicians 3
CTCH 254 Server Maintenance and Administration 4

Plus 3 credits from the following:

CTCH 156 Machine Woodworking/Furniture 3
CTCH 157 Cabinetmaking/32 mm European Construction 3
CTCH 158 Cabinetmaking/Face Frame Construction 3
CTCH 165 Block Masonry 3
CTCH 166 Brick Masonry 3
CTCH 171B Homebuilding: Layout and Concrete II 2
CTCH 172B Homebuilding: Floor & Wall Framing II 2
InstructIon

2012-2013 Catalog Cuesta College

CTCH 173B Homebuilding: Roof Framing II 2
CTCH 174B Homebuilding: Finish Carpentry II 2
CTCH 175 Basic Heating, Refrigeration, and Air Conditioning 3
CTCH 176 Basic Water Treatment 3
CTCH 177 Water Distribution Systems 3
CTCH 181 National Electrical Code 3
CTCH 182 Uniform Plumbing and Mechanical Codes 3
CTCH 183A Commercial Wiring and Electrical Systems 4
CTCH 183B Industrial Wiring and Electrical Systems 4
WELD 270A Basic Welding 3-4

CRIMINAL JUSTICE

A.A., CRIMINAL JUSTICE

Students must pass all classes with a grade of “C” or better.
A minimum of 12 credits in Criminal Justice must be earned at Cuesta College.

Required Courses (26 credits)

CJ 202 Introduction to Criminal Justice 3
CJ 204 Principles and Procedures of the Justice System 3
CJ 206 Concepts of Criminal Law 3
CJ 208 Legal Aspects of Evidence 3
CJ 210 Principles of Investigation 3
CJ 213 Concepts of Enforcement Service 3
CJ 224 Police-Community Relations 3
CJ 226 Investigative Report Writing 2
CJ 228 Introduction to Corrections 3

CULINARY ARTS

A.S., CULINARY ARTS

Required Courses (22.5 credits)

CUL 125 Baking and Baking Science I 1
CUL 145 Advanced Pastry Arts 1
CUL 149 Vegetarian Cuisine 1
CUL 210 Culinary Arts Fundamentals I 2.5
CUL 213 Food Sanitation and Safety 1
CUL 220 Culinary Arts Fundamentals II 1.5
CUL 230 Meat, Poultry, and Seafood Analysis and Production 1.5
CUL 235 Intermediate Baking 1
CUL 240 Garde Manger 1
CUL 243 International Cuisine .5
HOSP 230 Food and Beverage Operations 3
MATH 112 Converting Measurements 1
NUTR 210 Nutrition .5
NUTR 222 Food Customs and Culture 3
WEXP 252L Cooperative Work Experience Lab Occupational .5

Plus 3 courses (1.5 credits) from the following:

BUS 170 Dealing with Change .5
BUS 171 Team Building .5
BUS 172 Communicating with People .5
BUS 173 Conflict Resolution .5
BUS 174 Customer Service .5
BUS 175 Values & Ethics .5
BUS 176 Attitude in the Workplace .5
BUS 177 Stress Management .5
BUS 178 Decision Making & Problem Solving .5
BUS 179 Time Management .5

C.S., BAKING

Required Courses (3.5-5.5 credits)

CUL 100 Culinary Kitchen Basics .5
or CUL 210 Culinary Arts Fundamentals I (2.5)
CUL 125 Baking and Baking Science I 1
CUL 145 Advanced Pastry Arts 1
CUL 235 Intermediate Baking 1

C.S., WHOLE FOODS

Required Courses (4.5 credits)

CUL 100 Culinary Kitchen Basics .5
CUL 101 Whole Grains Cookery .5
CUL 102 Seasonal Cuisine .5
CUL 103 Healthful Ethnic Cuisine .5
CUL 104 Living and Raw Foods .5
CUL 105 Alternative Baking and Dessert Methods .5
CUL 106 Advanced Vegetarian Cuisine .5
CUL 149 Vegetarian Nutrition and Cuisine 1

DANCE

A.A., DANCE

Required Courses (26 credits)

DANC 228 Social Dance Forms 1
DANC 225 Dance Improvisation and Composition 1
DANC 250 Dance History of the 20th Century 3
DANC 252 Dance Cultures of the World 3
DANC 255 Ballet 1
DANC 256 Jazz 1
DANC 258 Choreography and Performance 2
DANC 260A Beginning Modern 1
DANC 260B Intermediate Modern 1
### DRAMA

**A.A., DRAMA**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRA 201A</td>
<td>Principles of Acting</td>
<td>3</td>
</tr>
<tr>
<td>DRA 201B</td>
<td>Principles of Acting</td>
<td>3</td>
</tr>
<tr>
<td>DRA 207</td>
<td>Introduction to the Theatre</td>
<td>3</td>
</tr>
<tr>
<td>DRA 211A</td>
<td>Basic Theatre Practice</td>
<td>3</td>
</tr>
<tr>
<td>DRA 211B</td>
<td>Basic Theatre Practice</td>
<td>3</td>
</tr>
<tr>
<td>DRA 215</td>
<td>Introduction to Stage Movement</td>
<td></td>
</tr>
<tr>
<td>DRA 248</td>
<td>Play Production</td>
<td></td>
</tr>
</tbody>
</table>

Plus 6 credits from the following:
- DRA 202 Applied Principles of Acting 3
- DRA 208 Voice for the Actor 3
- DRA 247 Independent Studies - Drama .5-2
- DRA 250 Musical Theatre Workshop 3
- DRA 251 Musical Theatre Performance 3
- DRA 252 Writing, Directing, and Acting for Theatre 3

### EARLY CHILDHOOD EDUCATION

**A.A., EARLY CHILDHOOD EDUCATION**

**TEACHER**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECE 201</td>
<td>Child Growth and Development</td>
<td>3</td>
</tr>
<tr>
<td>ECE 202</td>
<td>Child, Family and Community</td>
<td>3</td>
</tr>
<tr>
<td>ECE 203</td>
<td>Curriculum for Young Children</td>
<td>3</td>
</tr>
<tr>
<td>ECE 204</td>
<td>Child Health Safety and Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>ECE 205</td>
<td>Introduction to Early Childhood Education: Principles and Practices</td>
<td>3</td>
</tr>
<tr>
<td>ECE 206</td>
<td>Observation, Recording Techniques and Assessment</td>
<td>3</td>
</tr>
<tr>
<td>ECE 209</td>
<td>Guidance, Curriculum and Environments</td>
<td>3</td>
</tr>
<tr>
<td>ECE 210</td>
<td>Practicum: Guidance, Curriculum and Environment</td>
<td>3</td>
</tr>
<tr>
<td>ECE 215</td>
<td>Teaching in a Diverse Society</td>
<td>3</td>
</tr>
<tr>
<td>HEED 204*</td>
<td>Standard First Aid and CPR</td>
<td>2</td>
</tr>
</tbody>
</table>

Plus 3 credits from the following:
- ECE 211 Music And Movement Activities for Young Children 3
- ECE 220 Art for Children 3
- ECE 234 Children’s Literature 3

**Plus 3 credits from the following:**
- ECE 244 Supervision and Administration of Parent Programs 3
- ECE 245 Adult Supervision, Evaluations and Staff Relations in ECE 3
- ECE 246 Administration and Supervision of Early Childhood Schools 3

### ELECTRONICS AND ELECTRICAL TECH

**A.S., ELECTRICAL TECHNOLOGY**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNET 255</td>
<td>Network Cabling Certification</td>
<td>3</td>
</tr>
<tr>
<td>CNET 256</td>
<td>Advanced Network Cablin Techniques</td>
<td>2</td>
</tr>
<tr>
<td>CTCH 169</td>
<td>Residential Wiring</td>
<td>3</td>
</tr>
<tr>
<td>CTCH 181</td>
<td>National Electrical Code</td>
<td>3</td>
</tr>
<tr>
<td>CTCH 183A</td>
<td>Commercial Wiring and Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>CTCH 183B</td>
<td>Industrial Wiring and Electrical Systems</td>
<td>4</td>
</tr>
<tr>
<td>EET 111</td>
<td>Laboratory Techniques I</td>
<td>1</td>
</tr>
<tr>
<td>EET 160</td>
<td>Alarm Systems</td>
<td>2</td>
</tr>
<tr>
<td>EET 213</td>
<td>Electronics Fundamentals</td>
<td>6</td>
</tr>
<tr>
<td>EET 224</td>
<td>Industrial Electronics</td>
<td>4</td>
</tr>
<tr>
<td>EET 228</td>
<td>Programmable Logic Controllers</td>
<td>4</td>
</tr>
<tr>
<td>EET 267</td>
<td>Power Systems and Rotating Electrical Machinery</td>
<td>4</td>
</tr>
<tr>
<td>MATH 127</td>
<td>Intermediate Algebra</td>
<td>5</td>
</tr>
</tbody>
</table>

Plus 3 credits from the following:
- ECE 135 Strategies for Challenging Behaviors in the ECE Classroom 3
- ECE 236 Understanding the Child with Special Needs 3
- ECE 242 Infant-Toddler Caregiving 3

* Current certification in Standard First Aid and CPR may be substituted for HEED 204.
C.A., ELECTRICAL TECHNOLOGY
Required Courses (40 credits)
- CNET 255 Network Cabling Certification 3
- CNET 256 Advanced Network Cabling Techniques 2
- CTCH 169 Residential Wiring 3
- CTCH 181 National Electrical Code 3
- CTCH 183A Commercial Wiring and Electrical Systems 4
- CTCH 183B Industrial Wiring and Electrical Systems 4
- EET 111 Laboratory Techniques I 1
- EET 160 Alarm Systems 2
- EET 213 Electronics Fundamentals 6
- EET 224 Industrial Electronics 4
- EET 228 Programmable Logic Controllers 4
- EET 267 Power Systems and Rotating Electrical Machinery 4

C.S., POWER AND INSTRUMENTATION CERTIFICATE
Required Courses (16 credits)
- EET 224 Industrial Electronics 4
- EET 228 Programmable Logic Controllers 4
- EET 257 Computer Instrumentation and Control 4
- EET 267 Power Systems and Rotating Electrical Machinery 4

C.A., PARAMEDIC
Required Courses (35 credits)
- EMS 106 Paramedic Theory I 14
- EMS 107 Paramedic Theory II 3
- EMS 107A Advanced Cardiac Life Support 1
- EMS 107B Pediatric Advanced Life Support 1
- EMS 107C Prehospital Trauma Life Support 1
- EMS 107L Paramedic Clinical 3
- EMS 108A Paramedic Internship I 1
- EMS 108B Paramedic Internship II 8
- BIO 212 Human Biology 3

C.S., EMERGENCY MEDICAL SERVICES HAZARDOUS MATERIALS FIRST RESPONDER OPERATIONAL
Students must receive an 80% or better on the final exam to receive certification from the Governor’s Office of Emergency Services California Specialized Training Institute (CSTI).
Required Course (1.5 credits)
- EMS 103 Hazardous Materials First Responder Operational 1.5

C.S., EMERGENCY MEDICAL SERVICES TECHNICIAN REFRESHER
Students must possess a current Emergency Medical Technician I county-issued certificate that has not expired for more than two years, and successfully pass the EMS 102 refresher class to receive certification from Cuesta.
Required Course (1.5 credits)
- EMS 102 Emergency Medical Technician - Refresher 1.5

C.S., EMERGENCY MEDICAL TECHNICIAN
Students must receive a “C” or better in the class to receive certification from Cuesta.
Required Course (8.5 credits)
- EMS 201 Emergency Medical Technician 8.5

ENGINEERING
A.S., ENGINEERING
Completion of this program prepares the students for admission to any college or university in the engineering discipline of their choice. All courses are fully articulated and transferable. All courses listed must be completed with a minimum grade of “C” to progress. Conviction of a felony or of any offense substantially related to the qualifications, functions and duties of a Paramedic may constitute grounds for denial of licensure.

Required Courses (37 credits)
- CHEM 201A General College Chemistry 5
- ENGR 250 Engineering Statics 3
- MATH 265A Analytic Geometry and Calculus 5
- MATH 265B Analytic Geometry and Calculus 5
- MATH 283 Calculus 4
- MATH 287 Linear Analysis 5
- PHYS 208A Principles of Physics 5
- PHYS 208B Principles of Physics 5
- Plus 13 credits (of which 9 must be earned at Cuesta) from the following, with a minimum of 3 courses from the Engineering discipline:
  - CIS 217 “C” Programming Language 3
  - CIS 231 Fundamentals of Computer Science I 4
  - CIS 240 Microcomputer Architecture & Programming 3
  - CTCH 201 Plane Surveying 3
  - ENGR 210 Computational Methods for Engineers 3
  - ENGR 218 Introduction to Electronic Circuit Analysis 3
  - ENGR 218L Electronic Circuit Lab 1
  - ENGR 219 Logic and Switching Circuits 4
  - ENGR 246 Materials Engineering 2
  - ENGR 246L Engineering Materials Lab 1
  - ENGR 248 Introduction to Engineering 1
  - ENGR 251 Engineering Dynamics 3
  - ENGR 252A Strength of Materials I 2
  - and ENGR 252B Strength of Materials II 2
  - ENGR 252L Strength of Materials Lab 1
  - GEOL 210 Physical Geology 4
  - PHYS 208C Modern Physics 3
- WELD 270A Basic Welding 3-4

ENGLISH
A.A., ENGLISH
Required Course (8 credits)
- ENGL 201A English Composition 4
- ENGL 201B English Composition: Introduction to Literature 4
- or ENGL 201C English Composition: Critical Thinking (4)
- Plus 12 credits from the following:
  - ENGL 205 Introduction to Poetry 3
  - ENGL 206 Introduction to the Novel 3
  - ENGL 212A American Literature 3
ENGL 212B American Literature 3
ENGL 213 Multicultural Voices in American Literature 3
ENGL 215 Shakespeare 3
ENGL 216 Literature and Film 3
ENGL 217 Literature by Women 3
ENGL 231 Creative Writing 3
ENGL 244A European Literature 3
ENGL 244B European Literature 3
ENGL 246A Survey of British Literature 3
ENGL 246B Survey of British Literature 3

ENGLISH AS A SECOND LANGUAGE

C.S., ENGLISH AS A SECOND LANGUAGE, INTERMEDIATE
Required Course (12 credits)
ESL 003 ESL Reading, Writing, and Grammar, Level 3 6
ESL 004 ESL Reading, Writing, and Grammar, Level 4 6
Plus 2 credits from the following:
ESL 025A ESL 25A Intermediate Level Conversation 2
ESL 025B ESL 25B Intermediate Level Conversation 2
ESL 025C ESL 25C Intermediate Level Conversation 2

C.S., ENGLISH AS A SECOND LANGUAGE, ADVANCED
Required Course (15 credits)
ESL 005 English as a Second Language, Writing and Grammar 005 3
ESL 006 English as a Second Language, Writing and Grammar, 006 6
ESL 045 English as a Second Language, Advanced Reading 045 3
Plus 2 credits from the following:
ESL 035A Advanced Level Conversation 2
ESL 035B Advanced Level Conversation 2
ESL 035C Advanced Level Conversation 2

FACILITIES

A.S., FACILITIES TECHNOLOGY MANAGEMENT
Required Courses (42 credits)
ATCH 166 Automotive Maintenance and Light Repair 2
BUS 245 Introduction to Business 3
BUS 283 Management and Supervision 3
CNET 255 Network Cabling Certification 3
CTCH 168 Residential Plumbing 3
CTCH 169 Residential Wiring 3
CTCH 183A Commercial Wiring and Electrical Systems 4
CTCH 250 Introduction to Construction 3
EET 111 Laboratory Techniques I 1
EET 213 Electronics Fundamentals 6
EET 224 Industrial Electronics 4
EET 227 Fluid and Pneumatic Technology 4
WELD 270A Basic Welding 3
Plus 3 credits from the following:
ATCH 152 Internal Combustion Engines 3
ATCH 158 Automotive Electric and Electronics 4
ATCH 168 Automotive Repair Business 3
ATCH 188 Automotive Heating and Air Conditioning 3
ATCH 280 Manual Drivetrains 3
CIS 210 Introduction to Computer Applications 3
CTCH 183B Industrial Wiring and Electrical Systems 4
CTCH 284 Introduction to Solar Technology 3
CTCH 285 Solar Technology Design and Construction 3
CTCH 287 Introduction to Green Technology 4
EET 228 Programmable Logic Controllers 4
EET 257 Instrumentation and Control 4
EET 267 Power Systems and Rotating Electrical Machinery 4
LDER 255 Community Internship 1-3
LDER 261A Philosophy of Leadership 1.5
LDER 261B Leadership: Success Strategies Seminar 1.5
WELD 270B Advanced Welding 3-4

C.A., FACILITIES TECHNOLOGY
Required Courses (18-19 credits)
ATCH 166 Automotive Maintenance and Light Repair 2
ATCH 168 Residential Plumbing 3
ATCH 250 Introduction to Construction 3
EET 111 Laboratory Techniques I 1
EET 213 Electronics Fundamentals 6
WELD 270A Basic Welding 3

FAMILY STUDIES/HUMAN SERVICES

A.A., FAMILY STUDIES/HUMAN SERVICES
Students transferring to four-year colleges or universities are urged to include Psychology 201 and Sociology 201A as part of their General Education/Breadth requirements.
Required Courses (27 credits)
FMST 202 The Child, Family and Community 3
FMST 205 Life Management 3
FMST 210 Introduction to Human Services 3
FMST 212 Human Development: Life Span 3
FMST 220 Aging in the 21st Century: Social Gerontology (3)
FMST 213 Ethnic Identity Development Across the Life Span 3
FMST 214 Family, Relationships and Intimacy 3
FMST 215 Developmental Patterns of Women 3
FMST 216 Parenting 3
FMST 218 Human Sexuality 3
Plus 6 credits from the following:
FMST 212* Human Development: Life Span 3
FMST 220* Aging in the 21st Century: Social Gerontology 3
FMST 270 Introduction to Addiction Studies: Addiction and the Community 3
FMST 271 Group Process and Practice 3
FMST 272 Drug Prevention and Education 3
FMST 278 Families and Addiction 3
FMST 280 Basic Interviewing and Counseling 3
FMST 288 Addiction Studies Fieldwork & Seminar 7
LDER 253 Peer Counseling 2
LDER 255 Community Internship (3)
PSYC 201 Introductory Psychology 3
SOC 201A Introduction to Sociology 3
SOC 206 Minority Group Relations 3
WEXP 252/252L Cooperative Work Experience – Occupational 1-4
* If not used for required credits

C.S., ADDICTION STUDIES
Required Courses (15 credits)
FMST 270 Introduction to Addiction Studies: Addiction & the Community 3
FMST 272 Drug Prevention and Education 3
FMST 278 Families and Addiction 3
FMST 279 Treatment and Case Management 3
HEED 206 Health Aspects of Drug Use 3
### C.S., ADDICTION STUDIES FIELDWORK

**Required Courses (7 credits)**
- FMST 288 Addiction Studies Fieldwork and Seminar 7

### FASHION DESIGN AND MERCHANDISING

#### A.A., FASHION DESIGN

**Required Courses (37 credits)**
- ENGR 125 AutoCAD 1
- FDM 210 Introduction to Fashion 3
- FDM 212 Textiles 3
- FDM 214 Apparel Evaluation 3
- FDM 215 Design Analysis and Color Theory 3
- FDM 216 Fashion Illustration 3
- FDM 218 Commercial Fashion Design 3
- FDM 220 Fashion Analysis 3
- FDM 225 History of Fashion: Classic Through 19th Century 3
- FDM 260 Product Development 3
- FDM 263 Clothing Construction 3
- FDM 265 Pattern Development 3
- FDM 270 Fashion Portfolio Presentation 3

Plus 3 credits from the following:
- ART 200 Art Appreciation 3
- ART 221 Beginning Drawing 2-3
- ART 222 Intermediate Drawing 2-3
- ART 223 Life Drawing 2-3

Plus 3 credits from the following:
- BUS 245 Introduction to Business 3
- BUS 170* Dealing with Change .5
- BUS 171* Team Building .5
- BUS 172* Communicating with People .5
- BUS 173* Conflict Resolution .5
- BUS 174* Customer Service .5
- BUS 175* Values & Ethics .5
- BUS 176* Attitude in the Workplace .5
- BUS 177* Stress Management .5
- BUS 178* Decision Making & Problem Solving .5
- BUS 179* Time Management .5
- FDM 230 Fashion Buying 3
- FDM 235 Fashion Promotion 3
- CIS 210 Introduction to Computer Applications 4
- FDM 240 Visual Merchandising and Display 3
- FDM 247 Independent Study: Fashion Design and Merchandising .5-2

or WEXP 252 Cooperative Work Experience Education (.5) - Occupational
and WEXP 252L Cooperative Work Experience Lab (.5-3.5) - Occupational

* No more than 3 credits

#### A.A., FASHION MERCHANDISING

**Required Courses (31 credits)**
- CIS 210 Introduction to Computer Applications 4
- FDM 210 Introduction to Fashion 3
- FDM 212 Textiles 3
- FDM 214 Apparel Evaluation 3
- FDM 215 Design Analysis and Color Theory 3
- FDM 220 Fashion Analysis 3
- FDM 225 History of Fashion: Classic through 19th Century 3
- FDM 230 Fashion Buying 3
- FDM 235 Fashion Promotion 3
- FDM 240 Visual Merchandising and Display 3

Plus 9 credits from the following:
- BUS 240 Advertising 3
- BUS 243 Marketing (3)
- BUS 248 Small Business Management 3
- BUS 249 Entrepreneurship (4)
- BUS 283 Management and Supervision 3
- BUS 286 Human Relations (3)

Plus 3 credits from the following:
- BUS 170* Dealing with Change .5
- BUS 171* Team Building .5
- BUS 172* Communicating with People .5
- BUS 173* Conflict Resolution .5
- BUS 174* Customer Service .5
- BUS 175* Values & Ethics .5
- BUS 176* Attitude in the Workplace .5
- BUS 177* Stress Management .5
- BUS 178* Decision Making & Problem Solving .5
- BUS 179* Time Management .5
- FDM 216 Fashion Illustration 3
or FDM 218 Commercial Fashion Design (3)
FDM 247 Independent Study: Fashion Design and Merchandising .5-2
or WEXP 252 Cooperative Work Experience Education (.5)
and WEXP 252L Cooperative Work Experience Lab (.5-3.5)
FDM 260 Product Development 3
* No more than 3 credits

C.A., FASHION MERCHANDISING
Required Courses (51 credits)
CIS 210 Introduction to Computer Applications 4
FDM 210 Introduction to Fashion 3
FDM 212 Textiles 3
FDM 214 Apparel Evaluation 3
FDM 215 Design Analysis and Color Theory 3
FDM 220 Fashion Analysis 3
FDM 225 History of Fashion: Classic through 19th Century 3
FDM 230 Fashion Buying 3
FDM 235 Fashion Promotion 3
FDM 240 Visual Merchandising and Display 3
Plus 9 credits from the following:
BUS 240 Advertising 3
or BUS 243 Marketing (3)
BUS 248 Small Business Management 3
or BUS 249 Entrepreneurship (4)
BUS 283 Management and Supervision 3
or BUS 286 Human Relations (3)
Plus 3 credits from the following:
BUS 170* Dealing with Change .5
BUS 171* Team Building .5
BUS 172* Communicating with People .5
BUS 173* Conflict Resolution .5
BUS 174* Customer Service .5
BUS 175* Values & Ethics .5
BUS 176* Attitude in the Workplace .5
BUS 177* Stress Management .5
BUS 178* Decision Making & Problem Solving .5
BUS 179* Time Management .5
FDM 216 Fashion Illustration 3
or FDM 218 Commercial Fashion Design (3)
FDM 247 Independent Study: Fashion Design and Merchandising .5-2
or WEXP 252 Cooperative Work Experience Education (.5)
and WEXP 252L Cooperative Work Experience Lab (.5-3.5)
FDM 260 Product Development 3
* No more than 3 credits

GEOLOGY
Required Courses (16 credits)
GEOL 210 Physical Geology 4
GEOL 220 Geology of California 3
GEOL 212 Geologic Hazards, Man, and the Environment 3
or GEOL 225 Introduction to Geographic Information Systems (3)
GEOL 229A Geological Science Field Studies 1
GEOL 229B Geological Science Field Studies 1
OCEN 210 Oceanography 3
OCEN 210L Oceanography Lab 1
Plus 10 credits from the following:
CHEM 201A General College Chemistry 5
CHEM 201B General College Chemistry 5
MATH 265A Analytic Geometry and Calculus 5
MATH 265B Analytic Geometry and Calculus 5
PHYS 208A Principles of Physics 5
PHYS 208B Principles of Physics 5

HISTORY
A.A., HISTORY
Required Courses (12 credits)
HIST 203A History of World Civilizations 3
or HIST 203B History of World Civilizations (3)
or HIST 208A History of Latin America (3)
or HIST 208B History of Latin America (3)
or HIST 219 History of the Far East (3)
or HIST 235 History of African Civilization (3)
or HIST 204A History of Western Civilization 3
or HIST 204B History of Western Civilization (3)
or HIST 207A History of the United States 3
or HIST 207B History of the United States (3)
or POLS 204 World Politics 3
or POLS 206 Comparative Government (3)
or POLS 209 Introduction to Political Theory (3)
Plus 9 credits from the following:
ECON 201A Principles of Economics 3
HIST 203A* History of World Civilizations 3
HIST 203B* History of World Civilizations 3
HIST 204A* History of Western Civilization 3
HIST 204B* History of Western Civilization (3)
HIST 207A* History of the United States 3
HIST 207B* History of the United States (3)
HIST 219* History of the Far East 3
HIST 233 History of the Afro-American 3
HIST 235* History of African Civilization 3
HIST 239 History of the Role of Woman 3
HIST 260 History of the San Simeon Region 3
* If not used for required credits.

A.S., HOSPITALITY
Required Courses (30 credits)
HOSP 201 Introduction to Hospitality 3
HOSP 205 Front Office Operations 3
HOSP 210 Hospitality Marketing and Sales 3
HOSP 215 Housekeeping Operations 3
HOSP 220 Supervision in the Hospitality Industry 3
HOSP 225 Hospitality Law 3
HOSP 230 Food and Beverage Operations 3
HOSP 235 Hospitality Security and Loss Prevention 3
HOSP 240 Hospitality Training and Development Skills 3
HOSP 245 Hospitality Internship 3

C.A., HOSPITALITY
Required Courses (24 credits)
HOSP 205 Front Office Operations 3
HOSP 210 Hospitality Marketing and Sales 3
INTERNATIONAL STUDIES

A.A., INTERNATIONAL STUDIES

Required Courses (28 credits)

- ANTH 203 Cultural Anthropology 3
- GEOG 202 Cultural Geography 3
- POLS 204 World Politics 3
- POLS 206 Comparative Government 3
- ECON 201A Principles of Economics 3
- ECON 201B Principles of Economics 3
- 2 semester Foreign Language (French, German, Spanish) 10

JOURNALISM

A.A., JOURNALISM

Required Courses (24-25 credits)

- ENGL 201A English Composition 4
- JOUR 201A News Writing and Reporting 3
- JOUR 201B Introduction to Mass Communication 3
- JOUR 202A Introduction to News Production 4
- JOUR 202B News Production 4
- JOUR 202C News Production 4
- ART 244 Photography 2-3
  or ART 245 Intermediate Photography (2-3)
- BCST 221 Introduction to Broadcasting 3
- BCST 226 Writing for Electronic Media 3
- COMM 201A Public Address 3

KINESIOLOGY

A.S., FITNESS, HEALTH AND NUTRITION

Required Courses (28-29 credits)

- BIO 205 Human Anatomy 4
  or BIO 212 Human Biology (3)
- HEED 202 Health Education 3
- HEED 204 Standard First Aid and CPR 2
- HEED 206 Health Aspects of Drug Use 3
- NUTR 210 Nutrition 3
  or NUTR 211 Introduction to Nutrition for Health Professionals (3)
- NUTR 230 Nutrition for Fitness and Sport 3
- KINE 213 Introduction to Prevention and Care of Athletic Injuries 2
- KINE 214 Foundations for Fitness 3
- KINE 218 Exercise Leadership 3
- REC 204 Recreation Program Planning 3

C.A., INTERIOR DESIGN

Required Courses (42 credits)

- CIS 210 Introduction to Computer Applications 4
- ID 270 Introduction to Interior Design 3
- ID 272 Architectural Drafting and Structure for Interior Design 4
- ID 274 Interior Design Studio 1 4
- ID 276 Principles of Green Design 3
- ID 278 Interior Design Studio 2 4
- ID 280 Materials and Methods of Interior Design 3
- ID 282 History of Interior Design 4
- ID 284 Interior Design Studio 3 4
- ID 286 CAD for Interior Design 3
- ID 288 Professional Practice 3
- ID 290 Interior Design Studio 4 4

C.A., INTERIOR DESIGN

Required Courses (42 credits)

- CIS 210 Introduction to Computer Applications 4
- ID 270 Introduction to Interior Design 3
- ID 272 Architectural Drafting and Structure for Interior Design 4
- ID 274 Interior Design Studio 1 4
- ID 276 Principles of Green Design 3
- ID 278 Interior Design Studio 2 4
- ID 280 Materials and Methods of Interior Design 3
- ID 282 History of Interior Design 4
- ID 284 Interior Design Studio 3 4
- ID 286 CAD for Interior Design 3
- ID 288 Professional Practice 3
- ID 290 Interior Design Studio 4 4
**A.S., KINESIOLOGY**

**Required Courses (22 credits)**
- BIO 205 Human Anatomy 4
- BIO 206 General Human Physiology 5
- HEED 202 Health Education 3
  or HEED 203 Women's Health Issues (3)
  or HEED 208 Multicultural Health Issues (3)
- HEED 204 Standard First Aid and CPR 2
- KINE 201 Intro to Kinesiology 3
- KINE 213 Introduction to Prevention and Care of Athletic Injuries 2
- KINE 214 Foundations for Fitness 3

Plus 4 credits from the following Personal Fitness Courses:
- PEAC 206 Pilates for Fitness and Health .5-1
- PEAC 240 Swimming .5-1
- PEAC 264 Step Training 1
- PEAC 265 Adult Fitness .5-1
- PEAC 266 Endurance Conditioning .5-1
- PEAC 268 Stretching Routines for Fitness and Sport .5-1
- PEAC 269 Circuit Weight Training .5-1
- PEAC 270 Weight Training .5-1
- PEAD 200 Adapted Aquatics 1
- PEAD 205 Adapted Fitness: Weight Training .5-1

Plus 2 credits from the following Skills Courses:
- Any ATHL Intercollegiate Athletics 1
- DANC 254 Introduction to Dance .5-1
- DANC 255 Ballet .5-1
- DANC 256 Jazz Dance .5-1
- DANC 258 Dance Choreography and Performance 2
- PEAC 241 Springboard Diving .5-1
- PEAC 242 Water Polo .5-1
- PEAC 250 Wrestling .5-1
- PEAC 283 Golf .5-1
- PEAC 285 Tennis .5-1
- PEAC 291 Baseball .5-1
- PEAC 292 Basketball .5-1
- PEAC 295 Soccer .5-1
- PEAC 296 Softball .5-1

Plus 3 credits from the following:
- HEED 206 Health Aspects of Drug Use 3
- NUTR 210 Nutrition 3
- REC 203 Intramural and Recreational Sport Programming 3

Note: No Personal Fitness or Skill course can be counted more than once.

**C.S., PERSONAL TRAINING**

**Required Courses (18 credits)**
- BIO 205 Human Anatomy 4
- NUTR 230 Nutrition for Fitness and Sports 3
- KINE 213 Introduction to Prevention and Care of Athletic Injuries 2
- KINE 214 Foundations for Fitness 3
- KINE 218 Exercise Leadership and Assessment 3
- KINE 224 Personal Training Certification 3

**Legal Studies**

**A.A., Legal Studies: Business Emphasis**

**Required Courses (13 credits)**
- BUS 218 Business Law 4
- ECON 201A Principles of Economics 3
- LGL 217 Introduction to Law 3
- POLS 202 Government of the United States 3

Plus 12-14 credits from the following:
- BUS 201A Principles of Accounting 4
- BUS 201B Principles of Accounting 4
- BUS 245 Introduction to Business 3
- ECON 201B Principles of Economics 3
- LGL 206 Business Organizations 3
- LGL 220 Legal Research and Writing 3
- MATH 247 Introduction to Statistics 4
- MATH 255 Calculus for Business and Management 3

**A.A., Legal Studies: Social Science Emphasis**

**Required Courses (13 credits)**
- BUS 218 Business Law 4
- LGL 217 Introduction to Law 3
- POLS 202 Government of the United States 3
- SOC 201A Introduction to Sociology 3

Plus 12 credits from the following:
- ANTH 203 Cultural Anthropology 3
- ECON 201A Principles of Economics 3
- ECON 201B Principles of Economics 3
- LGL 220 Legal Research and Writing 3
- POLS 201 Introduction to Political Science 3
- POLS 206 Comparative Government 3
- POLS 209 Introduction to Political Theory 3
- HIST 204A History of Western Civilization 3
- HIST 204B History of Western Civilization 3
- HIST 207A History of United States 3
- HIST 207B History of United States 3
- PHIL 208 Introduction to Logic 3
- PHIL 213 Philosophical Classics in Ethics and Social Philosophy 3

**Liberal Arts**

**Liberal Arts (Non-Transfer)**

The Associate of Arts in Liberal Arts (Non-Transfer) degree is designed to provide a broad knowledge of liberal arts and sciences plus coursework in an "Area of Emphasis."

- Students must complete the Cuesta College General Education pattern
- Complete 18 semester credits in one of the Area of Emphasis outlined below
  - For Depth, two courses must be from a single discipline
  - For Breadth, at least three disciplines must be selected
- Complete Cuesta College graduation requirements
- Elective credits may be necessary and must be transferable (CSU or UC)

**Arts and Humanities**

These courses emphasize the study of cultural, literary, and humanistic activities, as well as artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have expressed themselves and responded to the world around them through artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

- ART (Art) 200, 203, 204, 205, 206, 220, 221, 222, 223, 224, 229, 230, 231, 232, 240, 241, 244, 245, 253, 268, 270, 271, 273, 280, 281, 282, 283
- DANC (Dance) 225, 228, 250, 252, 255, 256, 258, 260A, 260B,
**Mathematics and Sciences**

These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will also be able to examine the influence that acquisition of scientific knowledge has on the development of the world's civilization.

At least one mathematics course is required for this area of emphasis.

- BIO (Biology) 201A, 201B, 202, 203, 204, 205, 206, 211, 212, 212L, 216, 220, 220L, 221, 222, 222L, 224
- CHEM (Chemistry) 201A, 201B, 210, 210FAL, 211, 212A, 212B
- GEOG (Geography) 210, 211, 212, 220
- MATH (Mathematics) 229, 231, 232, 236, 242, 247, 255, 265A, 265B, 283, 287
- NUTR (Nutrition) 210, 211
- OCCN (Oceanography) 210, 210L
- PSCI (Physical Science) 201A, 201AL
- PHYS (Physics) 205A, 205B, 208A, 208B, 208C, 210

**Social and Behavioral Sciences**

These courses emphasize the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

- ANTH (Anthropology) 201, 201A, 202, 203, 220, 221, 225
- CJ (Criminal Justice) 202, 206
- ECE (Early Childhood Education) 201, 202
- ECON (Economics) 201A, 201B, 211
- FMST (Family Studies) 202, 214
- GEOG (Geography) 202
- LG1 (Legal Studies) 217
- MATH (Mathematics) 236 or 247
- POLI (Political Science) 201, 202, 204, 206, 209
- PSYC (Psychology) 201, 202, 206, 233
- SOC (Sociology) 201A, 201B, 202, 206, 208

**Liberal Arts (Transfer)**

The Associate of Arts in Liberal Arts (Transfer) degree is designed to provide a broad knowledge of liberal arts and sciences plus coursework in an “Area of Emphasis.” This degree is an ideal choice for those students planning on transferring to the California State University or University of California systems, since it satisfies the general education requirements and focuses on transferable coursework that relates to majors at the CSU or UC.

- Choose either the CSU General Education Breadth pattern or the Intersegmental General Education Transfer Curriculum (IGETC) pattern
- CSU GE and IGETC patterns are required for transfer to the four-year systems
- Complete 18 semester credits in one of the Area of Emphasis outlined below
- For Depth, two courses must be from a single discipline
- For Breadth, at least three disciplines must be selected
- Appropriate courses in the Area of Emphasis may be double counted for GE requirements
- Complete Cuesta College graduation requirements
- Elective credits may be necessary and must be transferable (CSU or UC)
- All classes listed below transfer to CSU and/or UC. Courses in BOLD are only transferable to CSU. Refer to www.ASSIST.org for transfer details.

**Arts and Humanities**

These courses emphasize the study of cultural, literary, and humanistic activities, as well as artistic expression of human beings. Students will evaluate and interpret the ways in which people through the ages in different cultures have expressed themselves and responded to the world around them through artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

This area of emphasis is for students who are planning to transfer in one of the following majors: Art, Art History, Communications, Drama, English, French, Philosophy, Spanish, German, Music and Philosophy. Students should check with a counselor to determine if this area of emphasis is appropriate.

- ART (Art) 200, 203, 204, 205, 206, 220, 221, 222, 223, 224, 229, 230, 231, 232, 240, 241, 244, 245, 253, 268, 270, 271, 273, 280, 281, 282, 283
- DANC (Dance) 225, 228, 250, 252, 255, 256, 258, 260A, 260B, 260C
- DRA (Drama) 201A, 201B, 206, 207, 208, 211A, 215, 218, 248, 251
- ENGL (English) 201B, 201C, 205, 206, 207, 212A, 212B, 213, 215, 216, 217, 231, 244A, 244B, 246A, 246C
- FR (French) 201, 202, 203, 204
- GER (German) 201, 202, 203, 204
- PHIL (Philosophy) 205, 206, 209, 212, 213
- SPAN (Spanish) 201, 202, 203, 204

**Mathematics and Sciences**

These courses emphasize the natural sciences which examine the physical universe, its life forms and its natural phenomena. Courses in Math emphasize the development of mathematical and quantitative reasoning skills beyond the level of intermediate algebra. Students will be able to demonstrate an understanding of the methodologies of science as investigative tools. Students will evaluate and interpret the ways in which people through the ages in different cultures have expressed themselves and responded to the world around them through artistic and cultural creation. Students will also learn to value aesthetic understanding and incorporate these concepts when constructing value judgments.

This area of emphasis is for students who are planning to transfer in one of the following majors: Art, Art History, Communications, Drama, English, French, Philosophy, Spanish, German, Music and Philosophy. Students should check with a counselor to determine if this area of emphasis is appropriate.
tools. Students will also be able to examine the influence that acquisition of scientific knowledge has on the development of the world’s civilization.

At least one mathematics course is required for this area of emphasis. This area of emphasis is for students who are planning to transfer in one of the following majors: Biology, Chemistry, Ecology, Engineering, Geology, Marine Biology, Mathematics and Nutrition. Students should check with a counselor to determine if this area of emphasis is appropriate.

- BIO (Biology) 201A, 201B, 202, 203, 204, 205, 206, 211, 212, 212L, 216, 220, 220L, 221, 222, 222L, 224
- CHEM (Chemistry) 201A, 201B, 210, 210FAL, 211, 212A, 212B
- GEO (Geology) 210, 211, 212, 220
- MATH (Mathematics) 229, 231, 232, 236, 242, 247, 255, 265A, 265B, 283, 287
- NUTR (Nutrition) 210, 211
- OCEN (Oceanography) 210, 210L
- PSCI (Physical Science) 201A, 201AL
- PHYS (Physics) 205A, 205B, 208A, 208B, 208C, 210

**SOCIAL AND BEHAVIORAL SCIENCES**

These courses emphasize the perspective, concepts, theories and methodologies of the disciplines typically found in the vast variety of disciplines that comprise study in the Social and Behavioral Sciences. Students will study about themselves and others as members of a larger society. Topics and discussion to stimulate critical thinking about ways people have acted in response to their societies will allow students to evaluate how societies and social subgroups operate.

This area of emphasis is for students who are planning to transfer in one of the following majors: Anthropology, Criminal Justice, Child Development, Economics*, Family Studies, Geography, History, Political Science, Psychology and Sociology. Students should check with a counselor to determine if this area of emphasis is appropriate.

- ANTH (Anthropology) 201, 201A, 202, 203, 220, 221, 225
- CJ (Criminal Justice) 202, 206
- ECE (Early Childhood Education) 201, 202
- ECON (Economics) 201A, 201B, 211
- FMST (Family Studies) 202, 214
- GEOG (Geography) 202
- LGL (Legal Studies) 217
- MATH (Mathematics) 236 or 247
- POLI (Political Science) 201, 202, 204, 206, 209
- PSYC (Psychology) 201, 202, 206, 233
- SOC (Sociology) 201A, 201B, 202, 206, 208

*Students transferring to a CSU or UC as an Economics major should consult with a counselor to determine which area of emphasis is appropriate for them.

**TRANSFER DEGREES**

**ASSOCIATE IN ARTS TRANSFER AND ASSOCIATE IN SCIENCE FOR TRANSFER**

The Student Transfer Achievement Reform Act (Senate Bill 1440, codified in California Education Code sections 66746-66749) guarantees admission to a California State University (CSU) campus for any community college student who completes an “associate degree for transfer”, a newly established variation of the associate degrees traditionally offered at a California community college. The Associate in Arts for Transfer (AA-T) or the Associate in Science for Transfer (AS-T) is intended for students who plan to complete a bachelor’s degree in a similar major at a CSU campus. A student completing one of these degrees is guaranteed admission to the CSU system, but not to a particular campus or major. See requirements listed below.

**AS-T., MATHEMATICS**

Required Core (23-25 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 265A</td>
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</tr>
<tr>
<td>MATH 265B</td>
<td>5</td>
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<tr>
<td>MATH 283</td>
<td></td>
</tr>
<tr>
<td>List A:</td>
<td>5 credits</td>
</tr>
<tr>
<td>MATH 287</td>
<td>Linear Analysis 5</td>
</tr>
<tr>
<td>List B: (One course from the following; 3-5 credits)</td>
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</tr>
<tr>
<td>CIS 241</td>
<td>Discrete Structures 3</td>
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<tr>
<td>PHYS 208A</td>
<td>Principles of Physics 5</td>
</tr>
<tr>
<td>CIS 217</td>
<td>“C” Programming Language 3</td>
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<tr>
<td>CIS 218</td>
<td>C#.NET Programming 3</td>
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<tr>
<td>CIS 231</td>
<td>Fundamentals of Computer Science I 3</td>
</tr>
<tr>
<td>MATH 236</td>
<td>Introduction to Applied Statistics 3</td>
</tr>
<tr>
<td>MATH 247</td>
<td>Introduction to Statistics 4</td>
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</table>

**AA-T., SOCIOLOGY**

Required Core (3 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOC 201A</td>
<td>Introduction to Sociology 3</td>
</tr>
<tr>
<td>List A: (Select SOC 202 and either MATH 236 or MATH 247; 6-7 credits)</td>
<td></td>
</tr>
<tr>
<td>SOC 202</td>
<td>Social Problems 3</td>
</tr>
<tr>
<td>MATH 236</td>
<td>Introduction to Applied Statistics 3</td>
</tr>
<tr>
<td>MATH 247</td>
<td>Introduction to Statistics (4)</td>
</tr>
<tr>
<td>List B: (Select two courses from the following; 6 credits)</td>
<td></td>
</tr>
<tr>
<td>SOC 208</td>
<td>Introduction to Women’s Studies 3</td>
</tr>
<tr>
<td>SOC 206</td>
<td>Minority Group Relations 3</td>
</tr>
<tr>
<td>SOC 204</td>
<td>Introduction to Criminology 3</td>
</tr>
<tr>
<td>FMST 214</td>
<td>Family, Relationships and Intimacy 3</td>
</tr>
<tr>
<td>PSYC 206</td>
<td>Introduction to Social Psychology 3</td>
</tr>
<tr>
<td>List C: (Select one course not selected from List B or one course from the following; 3 credits)</td>
<td></td>
</tr>
<tr>
<td>SOC 201B</td>
<td>Social Institutions 3</td>
</tr>
<tr>
<td>ANTH 203</td>
<td>Cultural Anthropology 3</td>
</tr>
<tr>
<td>GEOG 202</td>
<td>Cultural Geography 3</td>
</tr>
<tr>
<td>PSYC 201</td>
<td>Introduction to Psychology 3</td>
</tr>
</tbody>
</table>

In addition to the major preparation course work listed above, completion of the CSU GE or the IGETC pattern is mandatory. Courses completed for the major can also be double counted towards GE, where appropriate. See a counselor for details.

**TRANSFER CERTIFICATES**

**C.A., CSU GENERAL EDUCATION**

Complete the lower-division California State University General Education pattern.

**C.A., IGETC**

Complete the Intersegmental General Education Transfer Curriculum (IGETC).

**LIBRARY/INFORMATION TECHNOLOGY**

**A.S., LIBRARY/INFORMATION TECHNOLOGY**

All courses required for the degree must be completed with a grade of “C” or better.

Required Courses (25.5 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIS 210</td>
<td>Introduction to Computer Applications 4</td>
</tr>
</tbody>
</table>
### ENGL 201A
English Composition 4

### LIBT 101
Introduction to Library Services 1

### LIBT 104
Organizing Information 3

### LIBT 105
Library/Information Center Collections 3

### LIBT 106
Introduction to the Internet 1

### LIBT 108
Library Supervisory Skills 1

### LIBT 109
Library Public Services 3

### LIBT 114
Information Technology Internship 2

### LIBT 115
Technology in the Workplace 2

### LIBT 117
Ethics in the Information Age 1

### DIST 101
Introduction to Online Courses .5

---

**Plus 4 credits from the following:**

- BUS 131 E-Commerce: Social Media Marketing 3
- CAOA 246 Beginning Word Processing: Microsoft Word 3
- CAOA 160 Microcomputer Operations 3
- CAOA 261 Introduction to Spreadsheets 3
- CAOA 264 Introduction to Database Management 3
- CAOA 265 Adobe InDesign: Business Applications 3
- CAOA 167 PowerPoint 1
- ECE 234 Children's Literature 3
- HEED 204 Standard First Aid and CPR 2
- LIBT 102 Introduction to Web Technologies and Concepts 1
- LIBT 207 Web Page Development with XHTML 3
- LIBT 110 School Library/Media Center Services 3
- LIBT 111 JavaScript Fundamentals 1
- LIBT 212 Research Skills for Information Age 1
- LIBT 116 Multimedia Applications for the Web 2
- LIBT 118 Connecting Adolescents with Literature and Libraries 3
- LIBT 147 Independent Studies .5-2

---

### C.S., LIBRARY SERVICES TO CHILDREN

All courses required for the certificate must be completed with a grade of “C” or better.

**Required Courses (2 credits)**

- LIBT 106 Introduction to the Internet 1
- LIBT 113 Advanced Internet Searching 1

---

### C.S., ESSENTIAL SKILLS FOR INTERNET RESEARCH

A minimum of nine credits from Math 265A, 265B, 283 or 287 must be earned at Cuesta College for a Mathematics, A.S. Degree.

**Required Courses (19 credits)**

- MATH 265A Analytic Geometry and Calculus 5
- MATH 265B Analytic Geometry and Calculus 5
- MATH 283 Calculus 4
- MATH 287 Linear Analysis 5

---

### MEDICAL ASSISTING

All Allied Health courses must be completed with a minimum grade of “C” to progress within and to graduate from the program in order to fulfill Designated Degree requirements.

**Required Courses (33 credits)**

- BIO 212 Human Biology 3
- CAOA 123 Business English 3
- CAOA 227 Business Communications 4
- MAST 110 Medical Assisting Basics 2
- MAST 111 Medical Assisting Fast Track 11
- MAST 111L Medical Assisting Fast Track Lab 1
- NRAD 222 Medical Terminology 3
- PSYC 201 Introductory Psychology 3
- SOC 201A Introduction to Sociology 3

---

### MATHEMATICS

**A.S., MATHEMATICS**

Required Courses (19 credits)

- MATH 265A Analytic Geometry and Calculus 5
- MATH 265B Analytic Geometry and Calculus 5
- MATH 283 Calculus 4
- MATH 287 Linear Analysis 5

---

### INSTRUCTION

**C.A., LIBRARY/INFORMATION TECHNOLOGY**

All courses required for the certificate must be completed with a grade of “C” or better.

**Required Courses (17.5 credits)**

- LIBT 101 Introduction to Library Services 1
- LIBT 104 Organizing Information 3
- LIBT 105 Library/Information Center Collections 3
- LIBT 106 Introduction to the Internet 1
- LIBT 108 Library Supervisory Skills 1
- LIBT 109 Library Public Services 3
- LIBT 114 Information Technology Internship 2
- LIBT 115 Technology in the Workplace 2
- LIBT 117 Ethics in the Information Age 1
- DIST 101 Introduction to Online Courses .5

---

**Plus 9 credits from the following:**

- BUS 131 E-Commerce: Social Media Marketing 3
- CAOA 246 Beginning Word Processing: Microsoft Word 3
- CAOA 160 Microcomputer Operations 3
- CAOA 261 Introduction to Spreadsheets 3
- CAOA 264 Introduction to Database Management 3
- CAOA 265 Adobe InDesign: Business Applications 3
- CAOA 167 PowerPoint 1
- ECE 234 Children's Literature 3
- HEED 204 Standard First Aid and CPR 2
- LIBT 102 Introduction to Web Technologies and Concepts 1
- LIBT 207 Web Page Development with XHTML 3
- LIBT 110 School Library/Media Center Services 3
- LIBT 111 JavaScript Fundamentals 1
- LIBT 212 Research Skills for Information Age 1
- LIBT 116 Multimedia Applications for the Web 2
- LIBT 118 Connecting Adolescents with Literature and Libraries 3
- LIBT 147 Independent Studies .5-2

---

**C.S., WEB PAGE CODING**

Required Courses (4 credits)

- LIBT 207 Web Page Development with XHTML 3
- LIBT 120 Fundamentals of Cascading Style Sheets 1

---

**M.E.D.I.C.A.L ASSISTING**

**A.S., MEDICAL ASSISTING**

Required Courses (33 credits)

- BIO 212 Human Biology 3
- CAOA 123 Business English 3
- CAOA 227 Business Communications 4
- MAST 110 Medical Assisting Basics 2
- MAST 111 Medical Assisting Fast Track 11
- MAST 111L Medical Assisting Fast Track Lab 1
- NRAD 222 Medical Terminology 3
- PSYC 201 Introductory Psychology 3
- SOC 201A Introduction to Sociology 3

---

**Plus 3 credits from the following:**

- CAOA 128 Office Technology and Telecommunications 3
- CAOA 264 Introduction to Database Management 3
C.A., MEDICAL ASSISTING
All Allied Health courses must be completed with a minimum grade of “C” to progress within and to graduate from the programs in order to fulfill Occupational Certificate requirements.

Required Courses (23 credits)

- BIO 212 Human Biology 3
- CAOA 123 Business English 3
- MAST 110 Medical Assisting Basics 2
- MAST 111 Medical Assisting Fast Track 11
- MAST 111L Medical Assisting Fast Track Lab 1
- NRAD 222 Medical Terminology 3

Plus 3 credits from the following with a minimum grade of “C” for each course:

- CAOA 128 Office Technology and Telecommunications 3
- CAOA 227 Business Communications 4
- CAOA 264 Introduction to Database Management 3
- MAST 109 Phlebotomy 2.5
- MAST 109L Phlebotomy Externship 1
- NAST 148 Nursing Assistant 3
- NAST 148L Nursing Assistant Lab 2

C.S., MEDICAL ASSISTING

Required Courses (14 credits)

- MAST 110 Medical Assisting Basics 2
- MAST 111 Medical Assisting Fast Track 11
- MAST 111L Medical Assisting Fast Track Lab 1

C.S., PHLEBOTOMY

Required Course (3.5 credits)

- MAST 109 Phlebotomy 2.5
- MAST 109L Phlebotomy Externship 1

MUSIC

A.A., JAZZ STUDIES

Required Courses (23 credits)

- MUS 203A Music Theory 5
- MUS 203B Music Theory 5
- MUS 203C Music Theory 3
- MUS 212 Applied Music (4 times) 8
- MUS 233 Jazz Improvisation 2

Plus 8 credits from the following:

- MUS 223 Vocal Jazz Ensemble 2-3
- MUS 231 Jazz Ensemble 1-3
- MUS 232A Concert Jazz Ensemble 1-3
- MUS 227 Instrumental Small Ensemble 1-3
- MUS 245 Jazz Workshop 2

Plus 4 credits from the following:

- MUS 238 Music Appreciation: Jazz History 3
- MUS 258 Elementary Piano 2
- MUS 224 Vocal Jazz Workshop 2
- MUS 233* Jazz Improvisation 2

*Course must be repeated for credit for this area.

A.A., MUSIC PERFORMANCE

Required Courses (25 credits)

- MUS 203A Music Theory 5
- MUS 203B Music Theory 5
- MUS 203C Music Theory/Counterpoint 3
- MUS 212 Applied Music x 4 8

Plus 8 credits from the following:

- MUS 220 Elementary Voice 2
- MUS 234 Music Theory/Orchestrating, Scoring & Arranging 2
- MUS 238 Orchestration 2

C.A., NURSING ASSISTANT

Conviction by any court of a crime requires prior clearance by the Department of Health Services before providing patient care.

Required Course (5 credits)

- NAST 148 Nursing Assistant 3
- NAST 148L Nursing Assistant Lab 2

C.A., NURSING ASSISTANT, ACUTE CARE NURSE ASSISTANT

Required Course (3 credits)

- NAST 145 Acute Care Nurse Assistant 2
- NAST 145L Acute Care Nurse Assistant Lab 1

C.A., NURSING ASSISTANT, EKG MONITOR OBSERVER

Required Course (1 credits)

- NAST 125 EKG Monitor Observer 1

C.A., NURSING, LICENSED VOCATIONAL NURSE

Adherence to Cuesta College LVN student policies is required for progress within and graduation from the program and satisfaction of eligibility to the vocational nurse licensure examination. All courses must be completed with a minimum grade of “C” to progress. Conviction of a felony or of any offense substantially related to the qualifications, functions and duties

NURSING ASSISTANT

C.S., NURSING ASSISTANT

Conviction by any court of a crime requires prior clearance by the Department of Health Services before providing patient care.

Required Course (5 credits)

- NAST 148 Nursing Assistant 3
- NAST 148L Nursing Assistant Lab 2

C.S., NURSING ASSISTANT, ACUTE CARE NURSE ASSISTANT

Required Course (3 credits)

- NAST 145 Acute Care Nurse Assistant 2
- NAST 145L Acute Care Nurse Assistant Lab 1

C.S., NURSING ASSISTANT, EKG MONITOR OBSERVER

Required Course (1 credits)

- NAST 125 EKG Monitor Observer 1

NURSING, LICENSED VOCATIONAL NURSE

C.A., NURSING, LICENSED VOCATIONAL NURSE

Adherence to Cuesta College LVN student policies is required for progress within and graduation from the program and satisfaction of eligibility to the vocational nurse licensure examination. All courses must be completed with a minimum grade of “C” to progress. Conviction of a felony or of any offense substantially related to the qualifications, functions and duties
of a LVN may constitute grounds for denial of licensure.

**Required Courses (60 credits)**
- **LVN 101** Fundamentals Theory and Basics of Nursing 5
- **LVN 101A** Fundamental Skills Theory 5
- **LVN 101AL** Fundamental Skills Lab 1.5
- **LVN 101B** Fundamental Clinical 2.5
- **LVN 102** Maternal Child and Intermediate Vocational Nursing Theory 6
- **LVN 102A** Intermediate and Medication Skills 5
- **LVN 102AL** Intermediate and Medication Skills Lab 1.5
- **LVN 102B** Maternal/Child and Intermediate Clinical 5.5
- **LVN 103** Advanced Vocational Nursing Theory 6
- **LVN 103A** Advanced Skills for Vocational Nursing 5
- **LVN 103AL** Advanced Skills Lab for Vocational Nursing 1.5
- **LVN 103B** Advanced Vocational Nursing Clinical 5.5
- **BIO 212** Human Biology 3
- **ENGL 156** College Reading and Writing 4
- **MATH 007** Prealgebra 3

### NURSING, REGISTERED

#### A.S., NURSING, REGISTERED
Adherence to Cuesta College NRAD student policies is required for progress within and graduation from the program and satisfaction of eligibility to take professional licensure examinations. All courses must be completed with a minimum grade of “C” to progress. Conviction of a felony or of any offense substantially related to the qualifications, functions and duties of a Registered Nurse may constitute grounds for denial of licensure.

**Required Courses (75.5-78.5 credits)**
- **NRAD 201** Foundations of Nursing/Caring 2
- **NRAD 201A** Nurse Caring Concepts 2
- **NRAD 201B** Nurse Caring Practicum I 5
- **NRAD 201D** Decision Making Data I 2
- **NRAD 202A** Nurse Caring Family Concepts 3
- **NRAD 202B** Nurse Caring Practicum II 8
- **NRAD 202D** Decision Making Data II 2
- **NRAD 203A** Nurse Caring Concepts III 2
- **NRAD 203B** Nurse Caring Practicum III 5
- **NRAD 203D** Nurse Caring for Medical-Surgical Clients 2
- **NRAD 204** Nurse Leadership/Management 1
- **NRAD 204A** Nurse Caring Concepts for Clients Psychiatically at Risk 2
- **NRAD 204B** Nurse Caring for People at Risk Practicum 6
- **NRAD 204D** Nurse Caring for People at Risk Concepts 2
- **NRAD 120** Supplementary Nursing Skills Practice (3 semesters) 5.5
- **BIO 204** Microbiology or Equivalent 4.5
- **BIO 205** Human Anatomy 4
- **BIO 206** General Human Physiology or Equivalent 4.5
- **ENGL 201A** English Composition or Equivalent 3.4
- **PSYC 201** Introductory Psychology 3
- **SOC 201A** Introduction to Sociology 3
- **COMM 201A** Public Address 3
- **COMM 210** Small Group Discussion (3)

* Courses required to be eligible to sit for boards, without a degree.

### C.A., NURSING, REGISTERED (30 UNIT OPTION)
These students will be identified by the director of nursing as having met the BRN requirements under the LVN 30-unit options. All courses must be completed with a minimum grade of “C” to progress. Conviction of a felony or of any offense substantially related to the qualifications, functions and duties of a Registered Nurse may constitute grounds for denial of licensure.

**Required Courses (30 credits)**
- **NRAD 203** Nursing Transitions 1
- **NRAD 203A** Nurse Caring Concepts III 2
- **NRAD 203B** Nurse Caring Practicum III 5
- **NRAD 203D** Nurse Caring for Medical-Surgical Clients 2
- **NRAD 203H** Third Semester Readiness Nursing .5
- **NRAD 204** Nurse Leadership/Management 1
- **NRAD 204A** Nurse Caring Concepts for Clients Psychiatically at Risk 2
- **NRAD 204B** Nurse Caring for People at Risk Practicum 6
- **NRAD 204D** Nurse Caring for People at Risk Concepts 2
- **NRAD 220** Supplementary Nursing Skills Practice .5
- **BIO 204** Microbiology or Equivalent 5
- **BIO 212** Human Biology 3

### NUTRITION

#### C.S., NUTRITION
Required Courses (15 credits)
- **NUTR 210** Nutrition 3
- **NUTR 211** Introduction to Nutrition for...
### Health Professionals (3)
- **NUTR 218**: Maternal & Child Nutrition (3)
- **NUTR 222**: Food Customs and Culture (3)
- **NUTR 224**: Gerontological Nutrition (3)
- **NUTR 230**: Nutrition for Fitness and Sport (3)

### Paralegal
**A.A., PARALEGAL**

Required Courses (28 credits)
- **BUS 218**: Business Law (4)
- **CAOA 123***: Business English (3)
- **CAOA 227**: Business Communications (4)
- **LGL 217**: Introduction to the Law (3)
- **LGL 220**: Legal Research and Writing (3)
- **PLGL 131**: Current Ethical Issues for Paralegals (1)
- **PLGL 201**: Introduction to Paralegal Studies (3)
- **PLGL 203**: Paralegal Internship (3)
- **PLGL 205**: Civil Procedure and Litigation (4)

Plus 9 credits (including 6 credits from classes with an LGL prefix) from the following:
- **CJ 206**: Concepts of Criminal Law (3)
- **LGL 206**: Business Organizations (3)
- **LGL 207**: Family Law (3)
- **LGL 208**: Estate Planning and Administration (3)
- **LGL 222**: Tort and Insurance Law (3)
- **RE 163**: Legal Aspects of Real Estate (3)

*CAOA 123 may be waived upon proof of completion of ENGL 201A.

### C.A., PARALEGAL

Required Courses (28 credits)
- **BUS 218**: Business Law (4)
- **CAOA 123***: Business English (3)
- **CAOA 227**: Business Communications (4)
- **LGL 217**: Introduction to the Law (3)
- **LGL 220**: Legal Research and Writing (3)
- **PLGL 131**: Current Ethical Issues for Paralegals (1)
- **PLGL 201**: Introduction to Paralegal Studies (3)
- **PLGL 203**: Paralegal Internship (3)
- **PLGL 205**: Civil Procedure and Litigation (4)

Plus 9 credits (including 6 credits from classes with an LGL prefix) from the following:
- **CJ 206**: Concepts of Criminal Law (3)
- **LGL 206**: Business Organizations (3)
- **LGL 207**: Family Law (3)
- **LGL 208**: Estate Planning and Administration (3)
- **LGL 222**: Tort and Insurance Law (3)
- **RE 163**: Legal Aspects of Real Estate (3)

*CAOA 123 may be waived upon proof of completion of ENGL 201A.

### Paramedic

See Emergency Medical Services

### Physics
**A.S., PHYSICS**

Required Courses (29-31 credits)
- **MATH 265A**: Analytic Geometry and Calculus (5)
- **MATH 265B**: Analytic Geometry and Calculus (5)
- **MATH 283**: Calculus (3)
- **MATH 185**: Differential Equations (3)
- **MATH 287**: Linear Analysis (5)

### Political Science
**A.A., POLITICAL SCIENCE**

Required Courses (18 credits)
- **POLS 201**: Introduction to Political Science (3)
- **POLS 202**: Government of the United States (3)
- **POLS 204**: World Politics (3)
- **POLS 205**: Law and Politics: Introduction to Legal Controversies (3)
- **POLS 206**: Comparative Government (3)
- **POLS 209**: Introduction to Political Theory (3)

Plus 9 credits from the following:
- **ECON 201A**: Principles of Economics (3)
- **HIST 203A***: History of World Civilizations (3)
- **HIST 203B***: History of World Civilizations (3)
- **HIST 204A***: History of Western Civilization (3)
- **HIST 204B***: History of Western Civilization (3)
- **HIST 208A**: History of the United States (3)
- **HIST 208B**: History of the United States (3)
- **HIST 210**: History of California (3)
- **HIST 212**: History of the Mexican-American (3)
- **HIST 219**: History of the Far East (3)
- **HIST 235**: History of African Civilization (3)
- **HIST 239**: History of the Role of Women (3)
- **PHIL 206**: Introduction to Philosophy (3)
- **PHIL 208**: Introduction to Logic (3)
- **SOC 206**: Minority Group Relations (3)

* No more than 6 credits

### Psychiatric Technician
**A.S., PSYCHIATRIC TECHNICIAN**

Required Courses (70.5 credits)
- **BIO 212**: Human Biology (3)
- **FMST 212**: Human Development: Life Span (3)
- **PSYC 201**: Introductory Psychology (3)
- **PSYT 207**: Nursing Sciences (19)
- **PSYT 208**: Care of the Developmentally Disabled (17.5)
- **PSYT 209**: Psychiatric Nursing (18.5)
- **PSYT 110**: Introduction to Psychiatric Technician (6.5)

### C.A., PSYCHIATRIC TECHNICIAN

Required Courses (61.5 credits)
- **PSYT 207**: Nursing Sciences (19)
- **PSYT 208**: Care of the Developmentally Disabled (17.5)
- **PSYT 209**: Psychiatric Nursing (18.5)
- **PSYT 110**: Introduction to Psychiatric Technician (6.5)

### Psychology
**A.S., PSYCHOLOGY**

Required Courses (12 credits)
- **PSYC 201**: Introduction to Psychology (3)
- **PSYC 202**: Introduction to Biological Psychology (3)
- **PSYC 206**: Introduction to Social Psychology (3)
InstructIon
2012-2013 Catalog Cuesta College

InstructIon
2012-2013 Catalog Cuesta College

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PSYC 233 Personality and Adjustment 3

Students who plan to transfer to a specific four-year college or university should consult the Catalog of that institution for lower division major requirements when selecting elective courses.

Plus two courses 6-10 credits from the following:

ANTH 201 Physical Anthropology 3

ANTH 203 Cultural Anthropology 3

BIO 201A Biology 5

BIO 201B Biology 5

BIO 211 Life Science 3

BIO 212 Human Biology 3

FMST 212 Human Development: Life Span 3

FMST 214 Marriage and Family Relations 3

FMST 218 Human Sexuality 3

MATH 236 Introduction to Applied Statistics 3

or MATH 247 Introduction to Statistics (4)

SOC 201A Introduction to Sociology 3

SOC 206 Minority Group Relations 3

RECREATION

A.A., RECREATION ADMINISTRATION

Required Courses (28 credits)

CIS 210 Introduction to Computer Applications 4

HEED 202 Health Education 3

or HEED 208 Multicultural Health Issues (3)

HEED 204 Standard First Aid and CPR 2

MATH 147 Introduction to Statistics 4

REC 203 Intramural and Recreational Sport Programming 3

REC 204 Recreation Program Planning 3

REC 206 Introduction to Therapeutic Recreation 3

REC 207 Introduction to Recreation and Leisure Services 3

REC 208 Recreation Leadership 3

Plus 6 credits from the following:

PEAC 206 Pilates for Fitness and Health .5-1

PEAC 240 Swimming (Intermediate or Advanced Level) .5-1

PEAC 254 Introduction to Dance .5-1

PEAC 265 Adult Fitness .5-1

PEAC 266 Endurance Conditioning .5-1

PEAC 268 Stretching Routines for Fitness and Sport .5-1

PEAC 269 Circuit Weight Training .5-1

PEAC 270 Weight Training .5-1

PEAC 283 Golf .5-1

PEAC 285 Tennis .5-1

PEAC 291 Baseball .5-1

PEAC 292 Basketball .5-1

PEAC 295 Soccer .5-1

PEAC 296 Softball .5-1

PEAC 297 Volleyball .5-1

Note: Only one level per activity can be counted toward the completion of the 6 credits.

SOCIOLOGY

A.A., SOCIOLOGY

Required Courses (12 credits)

SOC 201A Introduction to Sociology 3

SOC 201B Social Institutions 3

SOC 202 Social Problems 3

SOC 206 Minority Group Relations 3

or SOC 208 Introduction to Women's Studies 3

Plus 9-11 credits from the following:

ANTH 203 Cultural Anthropology 3

ANTH 225 Contemporary Cultures of the World 3

ECON 201A Principles of Economics 3

GEOG 202 Cultural Geography 3

POL 204 World Politics 3

POL 206 Comparative Government 3

HEED 203 Women's Health Issues 3

HEED 208 Multicultural Health Issues 3

HIST 204A History of Western Civilization 3

HIST 204B History of Western Civilization 3

HIST 207A History of the United States 3

HIST 207B History of the United States 3

HIST 208A History of Latin America 3

HIST 208B History of Latin America 3

HIST 210 History of California 3

HIST 212 History of the Mexican-American 3

HIST 219 History of the Far East 3

HIST 233 History of the Afro-American 3

HIST 235 History of African Civilization 3

HIST 239 History of the Role of Woman 3

MATH 236 Introduction to Applied Statistics 3

or MATH 147 or MATH 149 Introduction to Statistics (4)

PHIL 206 Introduction to Philosophy 3

PHIL 208 Introduction to Logic 3

PHIL 209 World Religions 3

PSYC 201 Introduction to Psychology 3

PSYC 203 Introduction to Social Psychology 3

SOC 204 Introduction to Criminology 3

TRANSFER CERTIFICATES

C.A., CSU GENERAL EDUCATION

Complete the lower-division California State University General Education pattern.

C.A., IGETC GENERAL EDUCATION

Complete the Intersegmental General Education Transfer Curriculum (IGETC).

WEB DEVELOPMENT TECHNOLOGIES

C.A., WEB DEVELOPMENT TECHNOLOGIES

Required Courses (20 credits)

ART 220 Fundamentals of 2-Dimensional Design 3

BUS 243 Marketing 3

BUS 248 Small Business Management 3

LIBT 102 Introduction to Web Technologies and Concepts 1

LIBT 106 Introduction to the Internet 1

LIBT 207 Web Page Development with XHTML 3

LIBT 111 JavaScript Fundamentals 1

LIBT 114 Information Technology Internship 2

LIBT 116 Multimedia Applications for the Web 2

LIBT 117 Ethics in the Information Age 1

Plus 6 credits from the following:

ART 255 Adobe Illustrator: Art, Design, and Illustration 1-3

ART 256 Adobe Photoshop: Art, Design, and Photography 1-3

ART 266 Graphic Design 3

ART 267 Intermediate Graphic Design 2-3

ART 293 Portfolio Presentation 2-3

BUS 131 E-Commerce: Social Media Marketing 3

BUS 260 International Business 3

BUS 283 Management and Supervision 3
### A.S., WELDING TECHNOLOGY

**Required Courses (19 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 226</td>
<td>Engineering Drawing I</td>
<td>4</td>
</tr>
<tr>
<td>WELD 270A</td>
<td>Basic Welding</td>
<td>3</td>
</tr>
<tr>
<td>WELD 270B</td>
<td>Advanced Welding</td>
<td>3</td>
</tr>
<tr>
<td>WELD 270C</td>
<td>Welding: GMAW and GTAW</td>
<td>3</td>
</tr>
<tr>
<td>WELD 277</td>
<td>Metal Fabrication</td>
<td>3</td>
</tr>
<tr>
<td>WELD 280A</td>
<td>Structural Steel Welding Certification</td>
<td>3</td>
</tr>
<tr>
<td>or WELD 280B</td>
<td>Pipe Welding Certification</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Plus 5-6 credits of technical electives from the following:
(Must choose two of the following courses)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELD 173</td>
<td>Metallurgy</td>
<td>3</td>
</tr>
<tr>
<td>WELD 175</td>
<td>Blueprint Reading Materials</td>
<td>3</td>
</tr>
<tr>
<td>WELD 176</td>
<td>Welding Power</td>
<td>3</td>
</tr>
<tr>
<td>CTCH 100</td>
<td>Workplace Safety</td>
<td>2</td>
</tr>
</tbody>
</table>

### C.A., WELDING TECHNOLOGY

**Required Courses (18-19 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGR 226</td>
<td>Engineering Drawing I</td>
<td>4</td>
</tr>
<tr>
<td>or WELD 175</td>
<td>Blueprint Reading and Materials Processing</td>
<td>(3)</td>
</tr>
<tr>
<td>MATH 007</td>
<td>Prealgebra</td>
<td>3</td>
</tr>
<tr>
<td>WELD 270A</td>
<td>Basic Welding</td>
<td>3</td>
</tr>
<tr>
<td>WELD 270B</td>
<td>Advanced Welding</td>
<td>3</td>
</tr>
<tr>
<td>WELD 270C</td>
<td>Welding: GMAW and GTAW</td>
<td>3</td>
</tr>
<tr>
<td>WELD 277</td>
<td>Metal Fabrication</td>
<td>3</td>
</tr>
</tbody>
</table>

### C.S., WELDING TECHNOLOGY PIPE

**Required Course (3 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELD 280B</td>
<td>Pipe Welding Certification</td>
<td>3</td>
</tr>
</tbody>
</table>

### C.S., WELDING TECHNOLOGY STRUCTURAL STEEL

**Required Course (3 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>WELD 280A</td>
<td>Structural Steel Welding Certification</td>
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### Non Credit

### C.C., INCOME TAX PREPARATION

**Required Courses (0.0 credits)**

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<tbody>
<tr>
<td>BUS 510</td>
<td>Introduction to Tax Preparation I</td>
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<tr>
<td>BUS 511</td>
<td>Introduction to Tax Preparation II - Software</td>
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<tr>
<td>BUS 512</td>
<td>Introduction to Tax Preparation III - Internship</td>
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### C.C., NON CREDIT ENGLISH AS A SECOND LANGUAGE

**Required Courses (0.0 credits)**

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<td>ESL 701</td>
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<td>ESL 702</td>
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<td>ESL 703</td>
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