

Total Required Major Units	51
<i>CSU GE-Breadth</i>	39
Double-Counted Units	-(33-36)
Free Electives Required	3-6
<b>Total Required Units for AA-T Degree</b>	<b>60</b>

or

Total Required Major Units	51
<i>IGETC</i>	37
Double-Counted Units	-(28-31)
Free Electives Required	0
<b>Total Required Units for AA-T Degree</b>	<b>60</b>

### Program Student Learning Outcomes

Upon successful completion of the Elementary Teacher Education Program for Transfer students will be able to:

- Demonstrate an understanding of effective classroom environments consistent with the California Standards for the Teaching Profession (TPEs).
- Examine the necessary beliefs and assumptions about the experiences with teachers and teaching including an emphasis on professional standards, ethics and professionalism.
- Analyze and evaluate the purposes and roles of schooling in contemporary society and basic strategies for accommodating diverse learning needs and community contexts.
- Apply knowledge of education protocols for entering classrooms and reporting on classroom observations.

### EDUCATION COURSES

#### EDU R122 Introduction to Education 3 Units

*Hours:* 3 lecture weekly  
*Limitations:* A clear TB test and Live Scan fingerprint are required  
*C-ID:* EDUC 200

This introductory course provides students with fundamental knowledge of the American public education system. With an emphasis on meeting the needs of diverse learners in an urban environment, students learn major concepts, principles, and theories about teaching and learning. Students will participate in activities and projects to practice applying these lessons to the design and implementation of instruction and assessment. Students will learn how to create a safe, equitable classroom environment that promotes the academic achievement of all students. This course is primarily designed for individuals considering teaching as a profession, and for paraprofessionals and volunteers working in the public school system. In addition to attending weekly class, a minimum of 45 hours of classroom observation in an assigned California public school is required. *Field trips may be required. Applies to Associate Degree.*

*Transfer credit:* **CSU, UC**  
*OC GE:* **B2**  
*CSU GE-Breadth:* **none**  
*IGETC:* **none**

#### EDU R124 Teaching Literacy in Diverse Classrooms 3 Units

*Hours:* 3 lecture weekly

This course provides an understanding of learning and teaching literacy in a diverse, technologically complex society. Focus is on providing students with knowledge of a comprehensive balanced literacy approach, including an understanding and use of the major descriptors of developing literacy, appropriate assessment methods and instruments, and a developmental and analytical appreciation for writing strategies, conventions, applications, and interpretation of texts and genres. *Field trips may be required. Applies to Associate Degree.*

*Transfer credit:* **CSU**  
*OC GE:* **none**  
*CSU GE-Breadth:* **D**  
*IGETC:* **none**

### EMERGENCY MEDICAL TECHNOLOGY

*For more information, contact:*

Public Safety Division Office 805-678-5115

#### PROFICIENCY AWARD

(AWARDED BY THE DEPARTMENT)

#### EMERGENCY MEDICAL RESPONDER

This proficiency award is designed for students who have completed EMT R079 - Emergency Medical Responder and who desire to apply for the National Registry Exam for Emergency Medical Responder.

Required Core Courses		Units
EMT R109	Emergency Medical Responder	3
<b>Total Required Units for the Award</b>		<b>3</b>

#### PROFICIENCY AWARD

(AWARDED BY THE DEPARTMENT)

#### EMERGENCY MEDICAL TECHNOLOGY

This proficiency award is to meet the criteria established by the Ventura County Emergency Medical Services Agency in accordance with the California Code of Regulations, Title 22 that requires verification of hours completed. Upon award of the verification of hours and passing the course with a grade of B or better, students may apply for the National Registry Exam for Emergency Medical Technician. This is not an EMT license. *Not Degree Applicable.*

Required Core Courses		Units
EMT R169	Emergency Medical Technician	8
<b>Total Required Units for the Award</b>		<b>8</b>

PROFICIENCY AWARD  
(AWARDED BY THE DEPARTMENT)  
**EMERGENCY MEDICAL TECHNICIAN  
REFRESHER**

This proficiency award is to meet the criteria established by the Ventura County Emergency Medical Services Agency in accordance with the California Code of Regulations, title 22 that requires verification of hours completed. Upon award of the verification of hours, students may apply for the National Registry Exam for Emergency Medical Technician.

Required Core Courses	Units
EMT R069      Emergency Medical Technician - Refresher	1.5
<b>Total Required Units for the Award</b>	<b>1.5</b>

**Program Student Learning Outcomes**

Upon successful completion of the Emergency Medical Technology program students will be able to:

- Appropriately manage patient care relating to illness and injury in the pre-hospital setting.

**EMT COURSES**

**EMT R069      Emergency Medical Technician - Refresher      1.5 Units**

*Hours:*                      1.5 lecture, .5 lab weekly  
*Limitations:*            EMT Certification within the past 2 years or valid EMT License and American Heart Association (AHA) Healthcare Provider or American Red Cross CPR/AED for Professional Rescuers

This course is designed to meet the State requirements for maintaining EMT (Emergency Medical Technician) certification. This course provides both skills competency verification and a twenty-seven hour EMT refresher. Emergency medical care for the sick and injured will be reviewed, including basic life support and the use of emergency medical equipment. *Field trips may be required. Not Degree Applicable.*

*Transfer credit: none*

**EMT R109      Emergency Medical Responder      3 Units**

*Hours:*                      2 lecture, 3 lab weekly  
In this course students learn to assess and initiate immediate lifesaving care to critical patients. Students will obtain basic knowledge and skills necessary to provide lifesaving interventions while awaiting additional Emergency Medical Services (EMS) response and to assist higher level personnel at the scene and during transport. Emergency Medical Responders (EMR) function as part of a comprehensive EMS team under medical oversight, and perform basic interventions with minimal equipment. This course provides emergency care knowledge and skills to prepare students for EMT R169 - Emergency Medical Technician, and in the fields of Professional and Volunteer Firefighters and Peace Officers. Upon successful completion of this course, the student will receive an American Heart Association Healthcare Provider Card. Additionally, students will be prepared to take the National EMR Exam. *Field trips may be required. Applies to Associate Degree.*

*Transfer credit: CSU*  
*OC GE: E1*  
*CSU GE-Breadth: E*  
*IGETC: none*

**EMT R169      Emergency Medical Technician      8 Units**

*Hours:*                      7 lecture, 3 lab weekly  
*Advisories:*            ENGL R085 and ENGL R087 and EMT R109  
*Limitations:*            American Heart Association (AHA) Basic Life Support or American Red Cross (ARC) Basic Life Support

This course covers the knowledge and skills necessary for the individual to provide emergency medical care with an ambulance, fire or other specialized service at the Basic Life Support (BLS) level. This course is approved by the Ventura County Emergency Medical Services Agency and the California State Department of Emergency Services. Upon successful completion of the skills testing, final exam and passing the course with a grade of B or better, the student will be eligible to take the EMT National Registry Examination, which is required for certification as an EMT. *Field trips may be required. Applies to Associate Degree.*

*Transfer credit: CSU*  
*OC GE: E1*  
*CSU GE-Breadth: none*  
*IGETC: none*

**ENGINEERING**

Engineers are significant and valuable members of our society that are relied upon to generally produce solutions through the utilization, design, and development of a plethora of technologies. With the increasingly high demand for qualified engineers in the workforce, this program allows those in the local community the opportunity to fill a vital role.

Upon completion of the Associate in Science in Engineering, students will have obtained the skills and preparation necessary to transfer into an Engineering program at a four-year university, and ultimately seek employment as an engineer. Some graduates may also pursue entry-level positions in the engineering field. Students completing the program will be knowledgeable in aspects of engineering utilized in the many different fields of engineering along with a strong foundation in mathematics and physics; structural analysis, circuitry, CAD, programming, material composition, and general systems and applications of engineering in the modern world. Through group projects and laboratory assignments, students will also develop collaboration skills as well as practical hands on skills widely used in the fields of engineering such as, but not limited to; the use of oscilloscopes, electrical motor design and production, circuit building, structural design, strength testing, and generally analyzing the pertinent physical properties of a given system.

*For more information, contact:*  
**Justin Miller (805) 678-5094    jwmiller@vcccd.edu**

**ASSOCIATE IN SCIENCE DEGREE  
ENGINEERING**

The Associate in Science in Engineering Program introduces students to the high demand fields of Engineering including, but not limited to; Aerospace, Chemical, Civil, Electrical, Manufacturing, Mechanical, and Structural Engineering. Completion of the Associate in Science in Engineering will prepare students for transfer into an Engineering program at a four-year university as well as entry-level engineering positions for those seeking immediate employment.

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