Earth Sciences (ES)
Contact the Earth, Space, and Aviation Sciences Department for further information.
(760) 744-1150, ext. 2512
Office: NS-110G

COURSE OFFERINGS
ES 100 The Earth as a System: Case Studies of Change in Space and Time (3)
3 hours lecture
Transfer acceptability: CSU; UC
C-ID GEOL 120
An overview of the fields of geology, geography, oceanography, and astronomy that approach Earth as a system. Areas of study include those related to plate tectonics, earthquakes, volcanoes, geologic time, landscape evolution, weather systems, ocean circulation, climate change, and exploration of the solar system.

ES 100L Earth Systems Laboratory (1)
3 hours laboratory
Prerequisite: Completion of, or concurrent enrollment in ES 100
Transfer acceptability: CSU; UC
C-ID GEOL 120L
Laboratory and field investigations of the Earth as a system including the geosphere, atmosphere, hydrosphere, and exosphere (solar system) as well as an assessment of society’s role in Earth’s processes. Focuses on the physical and chemical systems of the Earth such as the tectonic cycle, rock cycle, hydrologic cycle, weather, and climate.

ES 115 Natural Disasters and Environmental Hazards (3)
3 hours lecture
Note: Cross listed as GEOG 115
Transfer acceptability: CSU; UC
Examination and analysis of natural disasters and environmental hazards including earthquakes, tsunamis, volcanic activity, hurricanes, flooding, air and water pollution, and global climate change.

Economics (ECON)
Contact the Economics, History and Political Science Department for further information.
(760) 744-1150, ext. 2412
Office: MD-375
For transfer information, consult a Palomar College Counselor:

Associate in Arts Degrees -
AA Degree requirements are listed in Section 6 (green pages).
• Economics

Certificates of Achievement -
Certificate of Achievement requirements are listed in Section 6 (green pages).
• Economics

PROGRAM OF STUDY
Economics
Provides lower division preparation for pursuing advanced studies in economics or prepares a complementary base for many professions and areas of interest including business administration, law, engineering, journalism, public administration, and environmental studies. Transfer students should consult the four year college or university catalog for specific requirements or see a Palomar College counselor.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT
Program Requirements Units
ECON 101 Principles of Economics (Macro) 3
ECON 102 Principles of Economics (Micro) 3

Group I (Select 6 units)
ECON 110 Comparative Economic Systems 3
ECON 115 Economic History of the United States 3
ECON 120 Environmental Economics 3
ECON 125 Introduction to Labor Studies 3
ECON 295 Directed Study in Economics 3
IBUS 100 Intro to Int’l Business Management 3

Group II (Select 7-8 units)
MATH 110 College Algebra 4
MATH 120 Elementary Statistics 4
MATH 130 Calculus for the Social Sciences 4

Group III (Select 3 units)
CSIT 105 Computer Concepts and Applications 3
PHIL 200 Critical Thinking 3

TOTAL UNITS 23

COURSE OFFERINGS
ECON 100 Basic Economics (3)
3 hours lecture
Note: Not intended for programs which require Principles of Economics ECON 101 and/or 102
Transfer acceptability: CSU; UC – no credit if taken after ECON 101 or 102
A study of the American economic system as it affects the decision making of the individual as income earner, taxpayer, and voter. Emphasis is on application of the analyses of supply and demand, productivity, wages and the labor force, the money and banking system, the role of government, and domestic and international economic issues.

ECON 101 Principles of Economics (Macro) (3)
3 hours lecture
Prerequisite: A minimum grade of ‘C’ in MATH 56, or MATH 60, or eligibility determined through the math placement process.
Transfer acceptability: CSU; UC
C-ID ECON 202
Descriptive analysis of the structure and functioning of the economy of the United States. Emphasizes national income, problems of inflation and unemployment, the role of government, specifically fiscal and monetary policies, money and banking, economic growth, and analysis of global issues.

ECON 102 Principles of Economics (Micro) (3)
3 hours lecture
Prerequisite: A minimum grade of ‘C’ in MATH 56, or MATH 60, or eligibility determined through the math placement process.
Transfer acceptability: CSU; UC
C-ID ECON 201
Analyzes decision-making of individuals and groups as it relates to economic behavior. Examines market structures and resource markets under varying degrees of competition. Investigates causes of market failures such as public goods and externalities. Includes international trade and finance.

ECON 110 Comparative Economic Systems (3)
3 hours lecture
Transfer acceptability: CSU; UC
A study of various types of economic institutions and decision making systems. Emphasis is given to the theories of capitalism, Marxian economics, and the various types of social market economies. The theories will be applied to the study of several countries, including the former Soviet Union, Japan, China, Mexico, and a Western European country, as they compare to the United States.

ECON 115 Economic History of the United States (3)
3 hours lecture
Transfer acceptability: CSU; UC
Development of the United States economy from the colonial period to the present. Emphasis will be on the evolution of such institutions as labor unions, business, banking, and government. Economic theory will be used to analyze historical problems.

For transfer information, consult a Palomar College Counselor.

Office: MD-375
(760) 744-1150, ext. 2412

See Catalog addendum at http://www.palomar.edu/catalog
EMT P Credit

1. The student may receive a maximum of 40.5 units for EMT P training, which is equal to the number of units given at Palomar College for the EMT P courses.

2. The student may receive a maximum of 7 units for former EMT B training, which is equal to the number of units given at Palomar College for the EMT B courses.

3. The student may not receive duplicate credit for any other EMT B or EMT P courses.

Degree Requirements
The Associate in Science degree in Emergency Medical Technician Paramedic requires 60 units. The following criteria must be met:

1. 30 units must be issued by an accredited college on a letter grade basis, of which 12 units must be completed at Palomar College.
2. All other general education and competency requirements for the Associate in Science degree as provided in the college catalog must be met.
3. When the student has completed the general education and competency requirements for the Associate in Science degree and the 12 units required to be completed at Palomar College, the student will be awarded unit credit for education/training received in becoming an EMT P.

Paramedics interested in taking advantage of this policy should contact the Emergency Medical Education Department at (760) 744-1150, ext. 8150. Paramedics will also be required to provide a copy of his or her paramedic license and course completion certificate for verification of paramedic licensure. Paramedics must send prior college transcripts to the College and make an appointment with the Counseling Department at (760) 744-1150, ext. 2179 for evaluation of general education requirements.

PROGRAMS OF STUDY

EMT Basic
This program prepares the student with the knowledge and skills necessary to take the National Registry EMT examination and enter the workforce in the State of California.

CERTIFICATE OF PROFICIENCY

Program Requirements | Units
--- | ---
EME 100/HE 104 Emergency Medical Responder | 3
EME 106 Emergency Medical Technician (Lecture) | 6
EME 106L Emergency Medical Technician Skills (Laboratory) | 1.5

TOTAL UNITS 10.5

Paramedic Training
The Paramedic Program prepares the student in all elements of prehospital advanced life support. Upon successful completion of the program, the student is eligible to take the State of California EMT-P certification exam, which is the National Registry Emergency Medical Technician-Paramedic Exam.

Admission to the program is by special application. To be eligible for consideration, the applicant must:

1. Have 6 months full-time pre-hospital experience or equivalent as an EMT Basic.
2. Be eligible for admission to Palomar College.
3. Meet academic requirements outlined in the Paramedic Program brochure produced by the EME Program.

AND
4. Have completed ZOO 145 with a grade of ‘C’ or better and EME 175 and EME 175L with a “B” or better.

Prerequisite Courses | Units
--- | ---
EME 106 Emergency Medical Technician (Lecture) | 6
EME 106L Emergency Medical Technician Skills (Laboratory) | 1.5
EME 175 Paramedic Preparation (Lecture) | 2
EME 175L Paramedic Preparation Skills (Laboratory) | 1
ZOO 145 Introduction to Anatomy and Physiology | 3