

# Palomar College Catalog 2009-2010

## Mathematics (MATH)

Contact the Mathematics Department for further information.  
(760) 744-1150, ext. 2535  
Office: E-11

### Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

- Mathematics

Any student wishing to earn an A.A. Degree must meet competence requirements at the MATH 60 level. Methods by which a student can demonstrate competence are listed under "Competence Requirements" in front of this catalog. Students wishing to enroll in MATH 50, 50A, 56, 60, 110, 115, 120, 125, and 135 must participate in the mathematics placement process or meet the prerequisite listed in the catalog. The mathematics placement test may be taken two times within a two year period, through the Palomar College Counseling Center. The assessment and placement process determines eligibility for enrollment in these courses. Students interested in determining their readiness to enroll in MATH 140 may additionally request to take the College Algebra Asset Test. Arrangements for this test can be made in the Counseling Center.

### PROGRAM OF STUDY

#### Mathematics

Provides the background to satisfy upper division course work in mathematics and for entry-level positions that require a knowledge of mathematics such as Technical Assistant and Mathematical Technician. The student is advised to check with the school to which he or she wishes to transfer for additional courses which may be required.

#### A.A. DEGREE MAJOR

Program Requirements	Units
MATH 140 Calculus with Analytic Geometry, First Course	5
MATH 141 Calculus with Analytic Geometry, Second Course	4
MATH 205 Calculus with Analytic Geometry, Third Course	4
MATH 120 or MATH 200 or MATH 206	Elementary Statistics Introduction to Linear Algebra Calculus with Differential Equations
MATH/ CSCI 146 or CSCI 110 or CSCI 220	3,4 FORTRAN 90 for Mathematics and Science Programming for Computer Sciences C Programming

**TOTAL UNITS** **19 - 21**

Recommended Electives: PHYS 230, 231, 232; CHEM 110, 115; MATH 245