



# MATHEMATICS

## Associate of Science Degree ( Code#1562) 2011-2012

### REQUIREMENTS FOR THE MAJOR:

COURSE NO.	TITLE	UNITS
Math 211	Calculus I	5
Math 212	Calculus II	5
Math 213	Calculus III	5
<b>REQUIRED ELECTIVES:</b>		
<b>Plus 3 or more units from the following:</b>		
Math 140	Introductory Statistics	4
<b>OR</b>		
Math 140H	Introductory Statistics Honors	4
Math 213	Calculus III	5
Math 214	Linear Algebra	3
Math 215	Differential Equations	3
COMPSCI 111	Introduction to Algorithms and Programming/Java	3
PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids and Fluids	4
Total Units for Major		18

#### PLUS:

- ◆ a minimum of 60 semester units (a minimum of 12 units completed at College of the Canyons)
- ◆ completion of Associate Degree GE, Diversity, American Institutions and PE/Wellness requirements
- ◆ a minimum 2.0 grade point average (C average) or better in associate degree applicable units and be in good standing at College of the Canyons (all courses required for the major must be completed with a C grade or better).