



ENGINEERING APPRENTICESHIP

Associate of Science Degree (Code#)

PENDING STATE APPROVAL FOR 2009 - 2010

REQUIREMENTS FOR THE MAJOR:

COURSE NO.	TITLE	UNITS
CHEM 201	General Chemistry I	6
CMPSCI 111/111L	Intro to Algorithms & Programming/Java (Plus Lab)	3 + 1
ENGR 101	Introduction to Science, Engineering, and Technology	2
ENGR 151	Materials of Engineering	3
ENGR 152	Statics	3
ENGR 153	Electrical Circuits I	4
MATH 211	Calculus I	5
MATH 212	Calculus II	5
MATH 213	Calculus III	5
MATH 215	Differential Equations	3
PHYSIC 220	Physics for Scientists and Engineers: Mechanics of Solids & Fluids	4
PHYSIC 221	Physics for Scientists and Engineers: Electricity and Magnetism	4
Total Units for Major:		48

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).