



COMPUTER SCIENCE

Associate of Science Degree (Code #1203) 2009 - 2010

REQUIREMENTS FOR THE MAJOR:

COURSE NO.	TITLE	UNITS
CMPSCI 111	Intro to Algorithms & Programming: Java	3
CMPSCI 111L	Intro to Algorithms & Programming: Java—Lab	1
CMPSCI 122	Intro to Digital Computers	3
CMPSCI 182	Data Structures & Program Design	3
CMPSCI 182L	Data Structures & Program Design Lab	1
CMPSCI 222	Computer Organization	3
OR:		
CMPSCI 235	Programming in C	3
CMPSCI 236	Object Oriented Programming in C++	3
CMPSCI 282	Advanced Data Structures	3
MATH 211	Calculus I	5
MATH 212*	Calculus II	5
MATH 214*	Linear Algebra	3
PHILOS 230	Symbolic Logic <i>(recommended for transfer majors)</i>	3
OR:		
3 additional units in Computer Science		3
* Non-Transfer students may complete 8 units of additional Computer Science course work.		
Total Units for Major:		36

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).