Crafton Hills College
Associate of Science
MATHEMATICS (MATH)
2013-2014

Student Name: _____

ID #: _____

Date: _____

Counselor: _____

The Mathematics Department offers a major program which may be adapted to serve a variety of needs and interests. Students may develop elective patterns which will prepare them to transfer to an upper division mathematics program or for employment.

To complete the requirements for the Associate of Science for this degree*, a student must:
1. Complete the requirements for an associate degree.
2. **Complete a minimum of eighteen (18) units with a "C" or better in each course** in the following program.
3. Complete elective units to meet the minimum 60 units required for the associate degree.

Required Courses:		Units	IP	Need	Grade
MATH 250	Single Variable Calculus I	4			
MATH 251	Single Variable Calculus II	4			
MATH 252	Multivariable Calculus	5			
	Total Required Units:	13			

Complete at least five (5) additional units from the following courses:		Units	IP	Need	Grade
MATH 108 or PSYCH 108	Statistics	4			
MATH 115	Ideas of Mathematics	3			
MATH 266	Introduction to Ordinary Differential Equations	3			
CIS 103	Programming in Visual Basic	3			
CIS 114	C++ Programming I	3			
CIS 115	Programming in C	3			
CIS 116	C++ Programming II	3			
PHYSIC 110	General Physics I	4			
PHYSIC 111	General Physics II	4			
PHYSIC 250	College Physics I	4			
PHYSIC 251	College Physics II	4			
PHYSIC 252	College Physics III	4			
MATH 265	Linear Algebra	3			
MATH 200 or CSCI 200	Discrete Structures	4			
Students may substitute PHYSIC 200, 201 in lieu of PHYSIC 250, 251, 252. See Counselor for details.					
	Total Additional Units:				

		Units			
	Total Mathematics Units:	18			

Lower division requirements for students interested in transferring to a four-year institution in this field may differ from Associate degree requirements. Prospective students should complete the general education and lower division requirements of the school to which they will be transferring. See a counselor for details. Information is also available at www.assist.org.