

**Crafton Hills College**  
**Associate of Science in**  
**MATHEMATICS (AS-T)**  
**2013-2014**

Student Name: \_\_\_\_\_

ID #: \_\_\_\_\_

Date: \_\_\_\_\_

Counselor: \_\_\_\_\_

The Associate in Science in Mathematics for Transfer (AS-T) degree at Crafton Hills College is designed to meet the needs of students transferring to a California State University who intend to major in mathematics or a related field of study.

The following are required for all AA-T and AS-T degrees

1. Complete 60 CSU-transferable semester units.
2. Minimum grade point average (GPA) of at least 2.0 in all CSU-transferrable coursework. (While a minimum of 2.0 is required for admission, some majors may require a higher GPA. Please consult with a counselor for more information.)
3. **Completion of a minimum of nineteen to twenty (19-20) semester units with a "C" or better in all courses** required as part of the major.
4. Certified completion of the California State University General Education-Breadth pattern (CSU GE Breadth) OR the Intersegmental General Education Transfer Curriculum (IGETC) pattern general education requirements.

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			
<b>Total Required Units:</b>		13			

**Complete at least six (6) additional units from the following courses, with at least three (3) units from Group A:**

Group A		Units	IP	Need	Grade
MATH 265	Linear Algebra	3			
MATH 266	Introduction to Ordinary Differential Equations	3			
<b>Total Group A Units:</b>					

Group B		Units	IP	Need	Grade
Math 108	Statistics	4			
Math 200 or CSCI 200	Discrete Structures	4			
CIS 114	C++ Programming I	3			
CIS 116	C++ Programming II	3			
PHYSIC 250	College Physics I	4			
PHYSIC 251	College Physics II	4			
PHYSICS 252	College Physics III	4			
<i>May substitute PHYSIC 200-201 in lieu of PHYSIC 250, 251, 252. See a counselor for details</i>					
<b>Total Group B Units:</b>					

<b>Total Required and Additional Units:</b>		19-20			
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