

**Crafton Hills College**  
**Associate in Science for Transfer Degree**  
**MATHEMATICS (AS-T)**  
**2016-2017**

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-one (19-21) 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-CSU (IGETC-CSU) pattern general education requirements.**

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

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

<b>Group A (3 units required)</b>		<b>Units</b>	<b>IP</b>	<b>Need</b>	<b>Grade</b>
MATH 265	Linear Algebra	4			
MATH 266	Introduction to Ordinary Differential Equations	4			
<b>Total Group A Units:</b>					

<b>Group B</b>		<b>Units</b>	<b>IP</b>	<b>Need</b>	<b>Grade</b>
Math 110	Introduction to Probability and Statistics	4			
MATH 255	Computer-Based Problems for Calculus	2			
CIS 114	C++ Programming I	3			
CIS 116	C++ Programming II	3			
PHYSIC 250	College Physics I	4			
CSCI 110	Introduction to Computer Science I	3			
CSCI 120	Introduction to Computer Science II	3			
<b>Total Group B Units:</b>					

<b>Total Required and Additional Units:</b>		<b>19-21</b>			
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Prospective transfer students should complete the general education and lower division requirements of the school to which they will be transferring (IGETC or CSU GE Breadth). See a counselor for details. Information is also available at [www.assist.org](http://www.assist.org).