

**Crafton Hills College**  
**Associate in Science for Transfer Degree**  
**MATHEMATICS (AS-T)**  
**2014-2015**

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-CSU (IGETC-CSU) pattern general education requirements.

**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).**

<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 108	Statistics	4			
Math 200 <b>or</b> CSCI 200	Discrete Structures	4			
CIS 114	C++ Programming I	3			
CIS 116	C++ Programming II	3			
PHYSIC 250 <sup>1</sup>	College Physics I	4			
PHYSIC 251	College Physics II	4			
PHYSICS 252	College Physics III	4			
<sup>1</sup> May substitute PHYSIC 200-201 in lieu of PHYSIC 250, 251, 252. See a counselor for details.					
<b>Total Group B Units:</b>					

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