

**ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)**

This degree prepares students to operate surveying equipment and provides them with a comprehension of legal surveying principles and state laws regarding surveying and mapping. It also acquaints students with advanced boundary and survey adjustments and with Global Positioning Systems applications. Students are prepared for employment with civil engineering and surveying firms or they may continue their studies to complete the BAS degree in Land Surveying.

**STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:**

- Comprehend the problem solving and the analysis of raw and computed data as related to surveying.
- Comprehend and utilize the proper usage of surveying field equipment.
- Comprehend and utilize the proper interpretation of surveying data used within construction application.
- Comprehend applicable legal aspects and terminology to land surveying.
- Comprehend and utilize global positioning satellite controlled equipment as used in land surveying.

**GENERAL EDUCATION REQUIREMENTS (29 Credits):**

	CR	SEMESTER
<b>COMMUNICATIONS:</b> ENG 107	3	_____
<b>ENGLISH:</b> ENG 100, 101, 107, 113	3-5	_____
<b>HUMAN RELATIONS:</b> PHIL 135	3	_____
<b>MATHEMATICS:</b> MATH 126 and 127 or MATH 128	5-6	_____
<b>SCIENCE:</b> PHYS 151, 152	8	_____
<b>FINE ARTS/HUMANITIES/ SOCIAL SCIENCES:</b> COM 101	3	_____
<b>U.S. AND NEVADA CONSTITUTIONS:</b> PSC 101 or HIST 101 and HIST 217	4-6	_____

**SPECIAL PROGRAM REQUIREMENTS (39 Credits):**

	CR	SEMESTER
<b>CADD 100</b> Introduction to Computer Aided Drafting	3	_____
<b>CADD 230B</b> Civil Drafting I	4	_____
<b>GIS 109</b> Introduction to Geographic Information Systems	3	_____
<b>SUR 161</b> Elementary Surveying	4	_____
<b>SUR 162</b> Advanced Surveying	4	_____
<b>SUR 261</b> Legal Aspects of Surveying	3	_____
<b>SUR 262</b> Principles of Land Surveying	3	_____
<b>SUR 263</b> Civil Survey Design	3	_____
<b>SUR 264</b> Introduction to Global Positioning Systems	3	_____
<b>SUR 265</b> Introduction to Construction Surveying	4	_____
<b>SUR 266</b> Land Development	3	_____
<b>SUR 268</b> Surveying Project	2	_____

**68**  
Total Credits

**ASSOCIATE OF  
APPLIED SCIENCE**

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.