

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:

- Analyze problem solving of raw and computed data as related to surveying.
- Operate surveying field equipment properly.
- Interpret surveying data used within construction application.
- Describe legal aspects and terminology of land surveying.
- Utilize global positioning satellite controlled equipment used for land surveying.

GENERAL EDUCATION REQUIREMENTS (26 Credits):

	CR	SEMESTER
COMMUNICATIONS: ENG 107	3	_____
ENGLISH: ENG 100, 101, 113	3-5	_____
HUMAN RELATIONS: PHIL 135	3	_____
MATHEMATICS: MATH 116 or above (except MATH 122, 123)	3	_____
SCIENCE: EGG 131, GEOG 103	7	_____
FINE ARTS/HUMANITIES/ SOCIAL SCIENCES: COM 101	3	_____
U.S. AND NEVADA CONSTITUTIONS: PSC 101 or HIST 101 and HIST 217	4-6	_____

SPECIAL PROGRAM REQUIREMENTS (34 Credits):

	CR	SEMESTER
GIS 109 Introduction to Geographic Information Systems	3	_____
GIS 115 Principles of Geodesy	3	_____
SUR 161 Elementary Surveying	4	_____
SUR 162 Advanced Surveying	4	_____
SUR 261 Legal Aspects of Surveying	3	_____
SUR 262 Principles of Land Surveying	3	_____
SUR 263 Civil Survey Design	3	_____
SUR 264 Introduction to Global Positioning Systems	3	_____
SUR 265 Introduction to Construction Surveying	3	_____
SUR 266 Land Development	3	_____
SUR 268 Surveying Project	2	_____

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.