

CERTIFICATE OF ACHIEVEMENT

This certificate 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 AAS 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.

GENERAL EDUCATION REQUIREMENTS (3 Credits):

	CR	SEMESTER
COMMUNICATIONS: BUS 108, COM 101, 102, 215, ENG 100, 101, 102, 107, 113, 114, 205, JOUR 102, THTR 105	3-5	_____

SPECIAL PROGRAM REQUIREMENTS (28 Credits):

	CR	SEMESTER
CADD 100 Introduction to Computer Aided Drafting	3	_____
MATH 116 Technical Mathematics or above (except MATH 122, 123)	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 266 Land Development	3	_____
SUR 268 Surveying Project	2	_____

Computation included in MATH 116
Human Relations included in SUR 261

31
Total Credits

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.

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