Certificate Program in Geomatics Engineering

The Geomatics Engineering program offers undergraduates a Certificate in Geomatics Engineering. Students are entitled to the Geomatics Engineering Certificate by completing a minimum of 13 credits of coursework with a grade of "C" or better. Selected courses must be checked for the proper prerequisites.

Required courses are:

Required Courses (to be taken first) — 7 credits:	
Introduction to Geomatics Engineering[1] (3 credits, existing course)	SUR 2034
Plane Surveying[2] *w/Lab* (3 credits lecture, 1 credit lab, existing courses)	SUR 2101, SUR 2101L

With an additional 6 or more credits from the list below:	
Photogrammetry w/Lab[3] (2 credits lecture, 1 credit lab, existing courses)	SUR 3331, SUR 3331L
Automated Surveying and Mapping w/Lab[3] (3 credits lecture, 1 credit lab, existing courses)	SUR 3141, SUR 3141L
Land Subdivision and Platting w/Lab[3] (2 credits lecture, 1 credit lab, existing courses)	SUR 3463, SUR 3463L
Legal Aspects of Surveying[3] (3 credits, existing course)	SUR 4403

[1] SUR 2104C Fundamentals of Surveying may be substituted
[2] Requires MAC 2311 Calculus with Analytic Geometry 1 as a prerequisite
[3] Prerequisite: SUR 2101/SUR 2101L Plane Surveying w/Lab

The Certificate Program in Geomatics Engineering is intended to be available to all students, full time or part time, enrolled in a major or not, and result in a Certificate of Geomatics Engineering. This includes the general public who may not be enrolled at any post-secondary institution. The only requirement is the calculus course that is the prerequisite for Plane Surveying. The Certificate is expected to be a credential which may be valuable to those working in occupations related to Geomatics Engineering, or who work with information provided by surveyors and mappers.

Approved by:

Department Chair: _____

College Curriculum Chair: _____

College Dean: _____

UUPC Chair: _____

Provost: _____