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201501

Geomatics Engineering Surveying and Mapping Certificate

The Geomatics Engineering program offers undergraduates a certificate in **Geomatics Engineering surveying and mapping**. Students are entitled to the 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. The certificate is open to both degree-seeking and non-degree-seeking students.

Required Courses (7 credits) (to be taken first)		
Introduction to Geomatics Engineering	SUR 2034	3
Fundamentals of Surveying (1)	SUR 2104C	3
Plane Surveying Lab (1)	SUR 2101L	1

Select additional courses from below for a minimum of 6 credits		
Photogrammetry (2)	SUR 3331	2
Photogrammetry Lab (2)	SUR 3331L	1
Automated Surveying and Mapping (2)	SUR 3141	3
Automated Surveying and Mapping Lab (2)	SUR 3141L	1
Land Subdivision and Platting (2)	SUR 3463	2
Land Subdivision and Platting Lab (2)	SUR 3463L	1
Legal Aspects of Surveying (2)	SUR 4403	3

Notes:

(1) Requires knowledge of geometry and trigonometry.

(2) Requires SUR 2104C/SUR 2101L, Fundamentals of Surveying/Plane Surveying Lab, as prerequisites.

Reason: Name change required by ABET accreditation body.

<p>Approved by:</p> <p>Department Chair: _____</p> <p>College Curriculum Chair: _____</p> <p>College Dean: _____</p> <p>UUPC Chair: _____</p> <p>Undergraduate Studies Dean: _____</p> <p>UFS President: _____</p> <p>Provost: _____</p>	<p>Date:</p> <p>10/14/2014</p> <p>10/15/2014</p> <p>6/22/2014</p> <p>11/10/14</p> <p>11/12/14</p>
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