

University of Florida

Academic Affairs

Academic Colleges

College of Agricultural & Life Sciences

Certificates

Geomatics

Geomatics Undergraduate Certificate Mission

The Geomatics undergraduate certificate program supports the missions of the college and university to serve the nation's and state's critical needs by contributing to a well-qualified and broadly diverse citizenry, leadership and workforce. Specifically, the certificate provides the opportunity for participants to complete the necessary coursework to qualify for registration in the State of Florida as Professional Surveyor and Mapper, expanding the pool of registered PSMs available to serve the citizens of Florida.

2014-15 SLO 1: Critical Thinking

Describe basic measurement theory, and apply it to the practice of land surveying.

SLO Area (select one): Critical Thinking (UG)

Assessment Method

The Student Learning Outcomes will be assessed through the final exam in both of the courses required of all certificate awardees – SUR3103 *Geomatics* and SUR3641 *Survey Computations*.

2014-15 SLO 2: Content

Perform routine surveying computations.

SLO Area (select one): Content (UG)

Assessment Method

The Student Learning Outcomes will be assessed through the final exam in both of the courses required of all certificate awardees – SUR3103 *Geomatics* and SUR3641 *Survey Computations*.

2014-15 SLO 3: Content

Accurately describe the role of a licensed surveyor, including their legal limitations.

SLO Area (select one):

Assessment Method

The Student Learning Outcomes will be assessed through the final exam in both of the courses required of all certificate awardees – SUR3103 *Geomatics* and SUR3641 *Survey Computations*.

2014-15 SLO 4: Critical Thinking

Collect and manage spatial information, using a variety of methods and technology.

SLO Area (select one): Critical Thinking (UG)

Assessment Method

The Student Learning Outcomes will be assessed through the final exam in both of the courses required of all

Geomatics Certificate AAP Detail**Start:** 7/1/2014**End:** 6/30/2015**Progress:** Ongoing**Providing Department:** Geomatics**Responsible Roles:** Dean (Turner, R)**Research (Graduate and Professional AAPs only)****Assessment Timeline (Graduate and Professional AAPs only)****Curriculum Map (UG AAPs only)****Assessment Cycle (All AAPs)**GeomaticsCollege of Agricultural and Life Sciences

Analysis and Interpretation:

May – June annually

Improvement Actions:

Completed by August 1 of each year

Dissemination:

Completed by September 1 of each year

SLOs	Year	14-15	15-16	16-17	17-18
#1		X	X	X	X
#2		X	X	X	X
#3		X	X	X	X
#4		X	X	X	X
#5		X	X	X	X

Methods and Procedures (UG and Certificate AAPs) & SLO Assessment Matrix (UG AAPs only)

The Student Learning Outcomes will be assessed through the final exam in both of the courses required of all certificate awardees – SUR3103 *Geomatics* and SUR3641 *Survey Computations*.

SLO Assessment Rubric (All AAPs)**Measurement Tools (Graduate and Professional AAPs Only)****Assessment Oversight (All AAPs)**

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Academic Assessment Plan Entry Complete:

