

# GEOGRAPHIC AND LAND INFORMATION SYSTEMS, CERTIFICATE

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## Certificate in Geographic and Land Information Systems (298105C)

This certificate program in Geographic and Land Information Systems may be earned independently of any degree program. This certificate program has been designed to provide individuals with the basic entry-level skills necessary for those seeking positions as GIS Technicians. Basic emphasis is on understanding and applying geospatial data in digital mapping applications. GIS software will be utilized.

The following information has official approval of **The Department of Civil Engineering** and **The College of Engineering and Polymer Science**, but is intended only as a guide. Completion of this certificate is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

The following courses constitute a "Certificate in Geographic and Land Information Systems" and must be completed with a minimum grade point average of 2.0 overall for the certificate to be noted on the student's record.

### Summary

Code	Title	Hours
Required Courses		12
<b>Total Hours</b>		<b>12</b>

### Required Courses

Code	Title	Hours
SURV:105	Introduction to Geographic & Land Information Systems <sup>1</sup>	3
SURV:201	Intermediate Geographic and Land Information Systems	3
SURV:205	Building Geodatabases	3
SURV:445	Applications in GIS using GPS	3
<b>Total Hours</b>		<b>12</b>

<sup>1</sup> This course must be completed before taking any of the other courses for this certificate.