

**THE UNIVERSITY OF AKRON
AKRON OHIO
SUMMIT COLLEGE**

**SURVEYING & MAPPING TECHNOLOGY
CERTIFICATE PROGRAM IN GEOGRAPHIC AND LAND INFORMATION SYSTEMS**

Requirements:

A minimum of 18 hours is required.

The 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. All courses taken may be applied toward an A.A.S. degree in Surveying Engineering Technology and/or the B.S. degree in Surveying and Mapping Technology. Students who do not have experience or formal training in basic drafting and computer aided drawing must complete course work in these areas first (see advisor).

The following courses are required for completion of the certificate:

		Credit Hours
2980:100	Introduction to Geomatics	2
2985:101	Introduction to Geographic & Land Info. Systems	3
2985:201	Intermediate Geographic & Land Info. Systems	3
2985:205	Building Geodatabases	3

The remaining seven credit hours may be selected from the list below:

2980:101	Basic Surveying I	2
2980:102	Basic Surveying II	2
2980:228	Boundary Surveying	3
2980:330	Applied Photogrammetry	3
2980:355	Computer Applications in Surveying	3
2980:445	Applications in GIS using GPS	3
2985:210	Geographic & Land Information Systems Project	3
2985:280	Topics in Professional Practice	2
2985:291	Geographic and Land Information Systems Internship	3

For further information, contact:

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