

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Geographic Information Systems  
Certificate of Achievement

Curriculum Code: 0834 (Effective Fall 2015 – Summer 2020)

This certificate program will emphasize development of components for GIS and project design based on application areas. The certificate allows beginners to become familiar with basic principles and those with some application background to become computer proficient in GIS. Certificate courses can all be applied to the associate degree.

#### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

#### INFORMATION

Contact the Design & Construction Technologies Program, West Campus Building, Room M103, telephone number (517) 483-5338 (Website: [www.lcc.edu/design/geographic/](http://www.lcc.edu/design/geographic/)) or Student Services West Campus, West Campus Building, Room M106, telephone number (517) 267-5452.

#### REQUIREMENTS

**TOTAL: 30 CREDITS**

CODE	TITLE	CREDIT HOURS
CITA 133	Microsoft Access Database	3
CIVL 101	Civil Drafting	3
GRET 100	GIS Principles & Applications	3
GRET 110	Beginning ArcGIS Desktop	3
GRET 120	Advanced ArcGIS	3
GRET 210	Global Positioning Systems	3
GRET 240	Cartography in GIS	3
GRET 241	Remote Sens/AirPhoto Interpret	3
GRET 271	Parcel Mapping	3
GRET 275	GIS Proj Mgmt & Implementation	3
<b>MINIMUM TOTAL</b>		<b>30</b>

#### NOTE:

1. To receive a certificate of achievement from Lansing Community College, a student must maintain a grade point average of 2.0 or above in the courses required for the certificate.

## SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

I	II	III	IV
CIVL 101	CITA 133	GRET 120	GRET 241
GRET 100	GRET 110	GRET 271	GRET 275
GRET 210	GRET 240		