



### **Geographic Information Systems Technology**

College Credit Certificate | Code: 66080 | 21 credits

**CIP:** (0545070213)

**Effective Term: Fall 2020 (2207)**

Geographic Information Systems (GIS) is a technological field that promotes cooperation within and across organizations by enabling the integration of several information platforms to facilitate mapping, analysis and planning strategies. The College Credit Certificate program in Geographic Information Systems Technology prepares students with professional and technical training in geographic information systems (GIS). Graduates of the CCC acquire a skill-set that equips them to create, modify and enhance GIS for analysis, prediction, decision making and planning in a variety of fields.

#### **MAJOR COURSE REQUIREMENTS (21 Credits)**

CGS 1540C	Database Concepts Design	(4 Credits)	
*CIS 2900	Directed Study IT	(1 Credits)	
GIS 1040	Introduction to GIS Technology	(4 Credits)	
GIS 2045	Intermediate GIS Technology	(4 Credits)	Pre-Req GIS1040 Introduction to GIS Technology
GIS 2046	Advanced GIS Technology	(4 Credits)	Pre-Req GIS2045 Intermediate GIS Technology
GIS 2047	Applications of GIS Technology	(4 Credits)	Pre-Req GIS2045 Intermediate GIS Technology

\*Enrollment in this course requires successful completion of certain program course work and departmental approval.

**Note:** All program courses require a grade of "C" or higher.