

Geographic Information Systems – Cartographic Specialist Program

Build your career brand in the Geographic Information Systems – Cartographic Specialist Program at Fleming College. This advanced post-graduate program proficient GIS practitioner, as well as a visual designer and communicator - using GIS data and software to create a wide variety of customized maps and other products for users of geographic information.

Graduates from the program pursue a variety of exciting, responsible positions within GIS and digital mapping environments, such as: government mapping agencies; municipal utility, engineering, and planning departments; private sector mapping, planning, consulting, utility, and natural resource firms.

	FIRST SEMESTER	SECOND SEMESTER	THIRD SEMESTER	AND BEYOND	
DEVELOP YOUR CAREER BRAND	LEARN				
	BE OPEN TO ALL CAREER POSSIBILITIES	Check out orientation , meet fellow students and faculty in your program, and also learn about the wide variety of opportunities in the GIS field.	GIS Collaborative Project Planning will develop teamwork skills as you work through the complete project management cycle of a complex GIS application to solve an industry problem.	Keep track of your industry, track sites like Canadian GIS and Geomatics or Canadian Cartographic Association .	Graduates can access Career Services for two years beyond graduation while maintaining relationships with faculty and fellow graduates.
	BUILD ON YOUR PROGRAM AND EXPERIENCES	Survey Camp has you out in the field developing experience and troubleshooting skills while gaining practical experience while using a variety of GIS tools.	Check out some of the student experiences in the program.	GIS Collaborative Project will combine a wide variety of skills learned in Semesters 1 & 2 as you tackle a GIS project that looks at real world issues and delivers an industry standard product.	Access community job search resources after graduation at Fleming CREW , Lindsay VCCS , or other providers .
	BELONG				
	GIVE BACK TO THE COMMUNITY	Begin your co-curricular record to track campus and community involvement that contributes to your career goals.	Have a look how these students are using their collaborative projects to make connections with industry.	Book an appointment with a Career Educator to discuss how to present communication skills gained in volunteer experiences.	Continue to explore volunteer opportunities both here and abroad.
	FIND SUPPORT FOR YOUR CAREER PATH AND GOALS	Start your academic career off on a strong footing by connecting with campus resources such as Tutoring & Academic Skills .	Develop decision making skills in Environmental Modeling which provides you with fundamental knowledge required to perform environmental modeling using industry standard GIS software.	Have a look at related programs and transfer agreements that will take your education even further.	Mentor a grad or student, stay connected through the Alumni LinkedIn page and program FaceBook page .
	USE YOUR EDUCATION TO CREATE NEW OPPORTUNITIES	Register with Career Services and access TypeFocus to identify personality strengths and values to make informed decisions about personal career paths.	The majority of our population lives in an urban environment. Municipal Mapping and GIS will grow your expertise in communication the spatial interplay of municipal facilities.	Geovisualization III will give you an in-depth examination of how maps work and the importance of visual communications.	Link with Educational Pathways to investigate one of the many formal transfer agreements within the Police Foundations program.
	BECOME				
	BE SUCCESSFUL ON YOUR TERMS	First in your family to attend College? Access a wide variety of Student Life resources to help you succeed at College.	Keeping up with the single biggest change maker in the GIS industry - the internet - can be challenging but your Web GIS Development course is designed to keep you up-to-date.	Connect and register with the Alumni Office , find out how Fleming supports you after graduation.	Explore Continuing Education courses for ongoing learning opportunities to stay updated in your industry.
EMBRACE THE SKILLS AND KNOWLEDGE AROUND YOU	Developing problem solving and design solution skills in Problem Solving and Programming as you build specialised applications in Geomatic software systems.	Develop your Networking and LinkedIn skills sets by accessing resources on the Fleming College Career Services website.	Come to a Program Advisory Committee meeting. Demonstrate leadership skills and get involved with the future of your program!	Use your Fleming education and experience to start on the road towards your career destination.	