

## COURSE OUTLINE: GIS440 - FIELD PLACEMENT

Prepared: Heath Bishop

Approved: Corey Meunier, Chair, Technology and Skilled Trades

Course Code: Title	GIS440: FIELD PLACEMENT				
Program Number: Name	4018: GIS-APPLICATION SPEC				
Department:	GEOGRAPHIC INFORMATION SYSTEMS				
Semesters/Terms:	20W				
Course Description:	This is a four-week full-time field placement in a GIS workplace. Students are provided with an opportunity to request location and the type of work (Natural Resources, Municipal, Health, etc.) they will be doing. This placement provides an opportunity to work next to experienced GIS practitioners in government, industry, consulting firms, municipalities, utilities or in other specialized organizations with GIS departments. This course can lead to employment opportunities either in the host organization or through contacts made during the placement.				
Total Credits:	10				
Hours/Week:	1				
Total Hours:	140				
Prerequisites:	CSD105, GIS403, GIS406, GIS422, GIS426, GIS429				
Corequisites:	There are no co-requisites for this course.				
Vocational Learning Outcomes (VLO's) addressed in this course:	4018 - GIS-APPLICATION SPEC         VLO 1       Understand the general concepts of spatial information and the current methodologies used to input, store, manipulate, and retrieve this type of data in a				
Please refer to program web page for a complete listing of program outcomes where applicable.	<ul> <li>computer based environment;</li> <li>VLO 2 Understand the typical data structures, algorithms, and computational problems that are encountered in various GIS technologies;</li> </ul>				
	VLO 4 Understand the ways in which GIS technologies can be applied within specific disciplines (see assumption above), and the advantages, changes in method, developmental problems, and restructuring that may result from the adoption of these technologies;				
	VLO 6 Be aware of the issues surrounding the communication of data extracted from a GIS to a variety of potential end users;				
Essential Employability Skills (EES) addressed in this course:	EES 1 Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.				
	EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.				
	EES 3 Execute mathematical operations accurately.				
	EES 4 Apply a systematic approach to solve problems.				
	EES 5 Use a variety of thinking skills to anticipate and solve problems.				
	EES 6 Locate, select, organize, and document information using appropriate technology and information systems.				
	EES 7 Analyze, evaluate, and apply relevant information from a variety of sources.				

SAULT COLLEGE | 443 NORTHERN AVENUE | SAULT STE. MARIE, ON P6B 4J3, CANADA | 705-759-2554

EES 9       Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.         EES 10       Manage the use of time and other resources to complete projects.         EES 11       Take responsibility for ones own actions, decisions, and consequences.         Course Evaluation:       Passing Grade: 60%, C         Other Course Evaluation & Assessment Requirements is astisfactority completed (minimum 60% each) for a passing grade to be assigned in this course.         Grade       Definition Grade Point Equivalent A+ 90 - 100% 4.00         A 90 - 100% 4.00       R Grade not reported to diploma requirements has been awarded.         S Satisfactory achievement in field/clinical placement or non-graded subject area.       U Unsatisfactory achievement in field/clinical placement or non-graded subject area.         NR Grade not reported to Registrar's office.       W Student has withdrawn from the course without acadenic penalty.         Course Outcomes and       In Demonstrate uscoesful to stuations with activatamity to perform pre-placement in a GIS operational work setting of released point equivalent to reported to face and the resources of the opportunity for networking to italian an associated job after the placement specifications (i.e. start date and time, etc.).         2. Appraise the work dong       21 Explain the tasks performed during the week?         2. Appraise the work dong       21 Explain the tasks performed during the week?         2. Appraise the work dong       21 Explain the tasks geromend to rew			Show respe others.	ect for th	e diverse opir	nions, values, belief systems, and contributions of		
EES 11 Take responsibility for ones own actions, decisions, and consequences.         Course Evaluation:       Passing Grade: 60%, C         Other Course Evaluation &       Please note: Each of the Field Placement employer evaluation and Log components must be satisfactorily completed (minimum 60% each) for a passing grade to be assigned in this course.         Grade       Definition Grade Point Equivalent A + 90 - 100% 4.00 A 80 - 89% 8 B 70 - 79% 3.00 C 60 - 69% 2.00 D 50 - 59% 1.00 F (Fail) 49% and below 0.00         CR (Credit) Credit for diploma requirements has been awarded.       S satisfactory achievement in field/clinical placement or non-graded subject area. X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course. NR Grade not reported to Registrar's office. W Student has withdrawn from the course without academic penalty.         Course Outcomes and Learning Objectives:       Course Outcome 1         Integration and performance in a GIS operational work setting.       Learning Objectives for Course Outcome 1         1.2 Show professional work ethic while working tuil time hours. 1.3 Uillize the apportunity for networking to ideally obtain an associated job after the placement.         2.4 Appraise the work done diring placement through the supervisor's performance evaluation at the equify busch that equified knowledge not covered during placement.         2.1 Appraise the work done diring placement through the tasks performance effection and documentation of the tasks. performed.       2.1 Explain the tasks performance for throws place.         2.3 Appraise the w								
Course Evaluation:       Passing Grade: 60%, C         Other Course Evaluation &       Please note: Each of the Field Placement employer evaluation and Log components must be satisfactorily completed (minimum 60% each) for a passing grade to be assigned in this course.         Grade       Grade       Definition Grade Point Equivalent A+ 90 - 100% 4.00 A 80 - 89% B         B 70 - 79% 3.00       C 60 - 69% 2.00 D 50 - 59% 1.00 F (Fail) 49% and below 0.00         C R (Credit) Credit for diploma requirements has been awarded.       Satisfactory achievement in field/clinical placement or non-graded subject area. U Unsatisfactory achievement in field/clinical placement or non-graded subject area. X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course. NR Grade not reported to Registra's office.         W Studen thas withfravm from the course without academic penalty.         Course Outcomes and Learning Objectives for Course Outcome 1       1. Demonstrate successful integration and performance in a GIS operational work is esting.         I a Site opticational work is setting.       1.1 Demonstrate the ability to perform pre-placement in GiB opticational work is esting to deally obtain an associated job after the placement is completed.         I a Spore Source 2       2.1 Appraise the work done during placement from the supervisor's performance evaluation at the end of the work placement.         Course Outcome 2       2.1 Appraise the work done during placement is completed.         I a Spore Soure Outcome 2       2.1 Explain the tasks perfor								
Other Course Evaluation & Assessment Requirements:       Please note: Each of the Field Placement employer evaluation and Log components must be satisfactorily completed (minimum 60% each) for a passing grade to be assigned in this course.         Grade       Definition Grade Point Equivalent A+ 90 - 100% 4.00 A 80 - 89% B T0 - 79% 3.00 C 60 - 69% 2.00 D 50 5 - 59% 1.00 F (Fail) 49% and below 0.00       CR (Credit) Credit for diploma requirements has been awarded. S Ratisfactory achievement in field /clinical placement or non-graded subject area. X Lemporary grade limited to situations with extenuating circuitances giving a student additional time to complete the requirements for a course. NR Grade not reported to Registrar's office.         Course Outcomes and Learning Objectives:       Course Outcomes and performance integrational work setting.       1.1 Demonstrate successful integrational work setting.       1.1 Demonstrate the ability to perform pre-placement communications by arranging placement specifications (i.e. start dia eard time, etc.).         Statisfactory achievement in field /clinical placement is completed.       1.2 Show professional work setting by arranging placement specifications (i.e. start dia sasciated job after the placement is completed.         Course Outcome 2       2.4 papraise the work done during placement.       2.1 Explain the tasks performance evaluation a associated job after the placement.         Course Outcome 3       2.4 Discuss and learn from the supervisor's performance evaluation at the end of the work placement.         Course Outcome 4       Learning Objectives for Course Outcome 2       2.4 Discuss and learn from the superitor sperformance evaluation a associated job after th		EES 11	Take respoi	nsibility	for ones own	actions, decisions, and consequences.		
Assessment Requirements:       satisfactorily completed (minimum 60% each) for a passing grade to be assigned in this course.         Grade       Definition Grade Point Equivalent A+ 90 - 100% 4.00 A 80 - 89% B T0 - 79% 3.00 C 60 - 69% 2.00 D 50 - 59% 1.00 F (Fail) 49% and below 0.00         CR (Credit) Credit for diploma requirements has been awarded. S Satisfactory achievement in field/clinical placement or non-graded subject area. U Unsatisfactory achievement in field/clinical placement or non-graded subject area. NR Grade not reported to Registrar's office. W Student has withdrawn from the course without academic penalty.         Course Outcomes and Learning Objectives:       Course Outcome 1 1. Demonstrate successful integration and performance in a GIS operational work setting.       1.1 Demonstrate the ability to perform pre-placement communication by arranging placement specifications (i.e. start date and time, etc.). 3. Utilize the opportunity for networking full time hours. 1.3 Utilize the opportunity for networking full time hours. 1.3 Utilize the ord of the work placement.         Course Outcome 2       Learning Objectives for Course Outcome 2 2. Appraise the work dome during placement through reflection and documentation of the tasks performed.       2.1 Explain the tasks performed during the week. 2.2 Describe any tasks that required knowledge not covered during placement through reflection and documentation of the tasks performed.         Evaluation Process and Grading System:       Evaluation Type       Evaluation Weight Employer Evaluation	Course Evaluation:	Passing Grade: 60%, C						
Definition Grade Point Equivalent A ± 90 - 100% 4.00 A 80 - 89% B 70 - 79% 3.00 C 60 - 69% 2.00 D 50 - 59% 1.00 F (Fail) 49% and below 0.00 CR (Credit) Credit for diploma requirements has been awarded. S satisfactory achievement in field /clinical placement or non-graded subject area. U Unsatisfactory achievement in field/clinical placement or non-graded subject area. X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course. NR Grade not reported to Registrar's office. W Student has withdrawn from the course without academic penalty.         Course Outcomes and Learning Objectives:       Course Outcome 1       Learning Objectives for Course Outcome 1         1. Demonstrate successful integration and performance setting.       1.1 Demonstrate the ability to perform pre-placement communication by arranging placement specifications (i.e. start date and time, etc.).         1.2 Show professional work setting.       1.2 Show professional work ethic while working full time hours. 1.3 Utilize the opportunity for networking to ideally obtain an associated job after the placement.         Course Outcome 2       Learning Objectives for Course Outcome 2         2. Appraise the work done during placement through reflection and documentation of the tasks performed.       2.1 Explain the tasks performed during the week. 2.2 Describe any tasks that required knowledge not covered during academic year. 2.4 Discuss new learning moments in terms of professionalism that were experienced in the workplace.								
Learning Objectives:       1. Demonstrate successful integration and performance in a GIS operational work setting.       1. Demonstrate successful integration and performance in a GIS operational work setting.       1. Demonstrate the ability to perform pre-placement communication by arranging placement specifications (i.e. start date and time, etc.).         1.2 Show professional work setting.       1.2 Show professional work ethic while working full time hours.         1.3 Utilize the opportunity for networking to ideally obtain an associated job after the placement is completed.       1.4 Discuss and learn from the supervisor's performance evaluation at the end of the work placement.         Course Outcome 2       Learning Objectives for Course Outcome 2         2. Appraise the work done during placement through reflection and documentation of the tasks performed.       2.1 Explain the tasks performed during the week.         2.3 Describe tasks which utilized skills gained throughout the academic year.       2.4 Discuss new learning moments in terms of professionalism that were experienced in the workplace.         Evaluation Process and Grading System:       Evaluation Type Evaluation Weight Employer Evaluation 70%		Definition Grade Point Equivalent A+ 90 - 100% 4.00 A 80 - 89% B 70 - 79% 3.00 C 60 - 69% 2.00 D 50 - 59% 1.00 F (Fail) 49% and below 0.00 CR (Credit) Credit for diploma requirements has been awarded. S Satisfactory achievement in field /clinical placement or non-graded subject area. U Unsatisfactory achievement in field/clinical placement or non-graded subject area. X A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course. NR Grade not reported to Registrar's office.						
1. Demonstrate successful integration and performance in a GIS operational work setting.       1.1 Demonstrate the ability to perform pre-placement communication by arranging placement specifications (i.e. start date and time, etc.).         1.2 Show professional work ethic while working full time hours.       1.3 Utilize the opportunity for networking to ideally obtain an associated job after the placement is completed.         1.4 Discuss and learn from the supervisor's performance evaluation at the end of the work placement.       1.4 Discuss and learn from the supervisor's performance evaluation at the end of the work placement.         2. Appraise the work done during placement through reflection and documentation of the tasks performed.       2.1 Explain the tasks performed during the week.         2.2 Describe tasks which utilized skills gained throughout the academic year.       2.4 Discuss new learning moments in terms of professionalism that were experienced in the workplace.         Evaluation Process and Grading System:       Evaluation Type Evaluation Weight Employer Evaluation 70%		Course Outcome 1		Learning Objectives for Course Outcome 1				
2. Appraise the work done during placement through reflection and documentation of the tasks performed.       2.1 Explain the tasks performed during the week.         2.2 Describe any tasks that required knowledge not covered during academic year.       2.3 Describe tasks which utilized skills gained throughout the academic year.         2.4 Discuss new learning moments in terms of professionalism that were experienced in the workplace.       Evaluation Type         Evaluation Process and Grading System:       Evaluation Type         Evaluation Type       Evaluation Weight		integration and performance in a GIS operational work		<ul> <li>communication by arranging placement specifications (i.e. start date and time, etc.).</li> <li>1.2 Show professional work ethic while working full time hours.</li> <li>1.3 Utilize the opportunity for networking to ideally obtain an associated job after the placement is completed.</li> <li>1.4 Discuss and learn from the supervisor's performance</li> </ul>				
during placement through reflection and documentation of the tasks performed.       2.2 Describe any tasks that required knowledge not covered during academic year.         2.3 Describe tasks which utilized skills gained throughout the academic year.         2.4 Discuss new learning moments in terms of professionalism that were experienced in the workplace.         Evaluation Process and Grading System:         Evaluation Type       Evaluation Weight         Employer Evaluation       70%		Course Outcome 2		Learning Objectives for Course Outcome 2				
Grading System: Evaluation Type Evaluation Weight Employer Evaluation 70%		during placement through reflection and documentation of the tasks		<ul><li>2.2 Describe any tasks that required knowledge not covered during academic year.</li><li>2.3 Describe tasks which utilized skills gained throughout the academic year.</li><li>2.4 Discuss new learning moments in terms of professionalism</li></ul>				
Employer Evaluation 70%		Evaluation Type Evalua		tion Weight				
Weekly Logs 30%								
		Weekly Lo	Logs 30%					

SAULT COLLEGE | 443 NORTHERN AVENUE | SAULT STE. MARIE, ON P6B 4J3, CANADA | 705-759-2554

Date:	August 29, 2019
Addendum:	Please refer to the course outline addendum on the Learning Management System for further information.

SAULT COLLEGE | 443 NORTHERN AVENUE | SAULT STE. MARIE, ON P6B 4J3, CANADA | 705-759-2554