Prepared: Heath Bishop Approved: Corey Meunier

Course Code: Title	GIS440: FIELD PLACEMENT
Program Number: Name	4018: GIS-APPLICATION SPEC
Department:	GEOGRAPHIC INFORMATION SYSTEMS
Semester/Term:	18W
Course Description:	This is a four-week full-time field placement in a GIS workplace. Students are provided with an opportunity to request location, field, 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. Itcan 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, GIS425, GIS426
Vocational Learning Outcomes (VLO's): **Please refer to program web page for a complete listing of program outcomes where applicable.**	**4018 - GIS-APPLICATION SPEC** #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 computer based environment; #2. Understand the typical data structures, algorithms, and computational problems that are encountered in various GIS technologies; #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; #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):	#1. Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience. #2. Respond to written, spoken, or visual messages in a manner that ensures effective communication. #3. Execute mathematical operations accurately. #4. Apply a systematic approach to solve problems. #5. Use a variety of thinking skills to anticipate and solve problems.

	#6. Locate, select, organize, and document information using appropriate technology and information systems. #7. Analyze, evaluate, and apply relevant information from a variety of sources. #8. Show respect for the diverse opinions, values, belief systems, and contributions of others. #9. Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals. #10. Manage the use of time and other resources to complete projects. #11. Take responsibility for ones own actions, decisions, and consequences.
Course Evaluation:	Passing Grade: 60%, C
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 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.
Evaluation Process and Grading System:	**Evaluation Type** / **Evaluation Weight** Employer Evaluation / 70% Weekly Logs / 30%
Course Outcomes and Learning Objectives:	**Course Outcome 1.** 1. Demonstrate successful integration and performance in a GIS operational work setting. **Learning Objectives 1.** 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 advantage in obtaining an appropriate job after the placement is completed. 1.4 Discuss and learn from the supervisor`s performance evaluation at the end of the work term **Course Outcome 2.** 2. Appraise the work done during placement through reflection and documentation of the tasks performed.

	Learning Objectives 2. 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.
Date:	Monday, December 18, 2017
	Please refer to the course outline addendum on the Learning Management System for further information.