COURSE INFORMATION FORM

DISCIPLINE: Geology/Geography
COURSE TITLE: Geographic Information Systems Internship

CR.HR: 1-3 LECT HR: 0 LAB HR: CLIN/INTERN HR: 63-188 CLOCK HR: 

CATALOG DESCRIPTION
Internship in a Geographic Information Systems setting. Experience real-workplace requirements, complete assigned tasks by host organization such as GIS data entry, data retrieval, GPS field work, documentation, or general GIS setting duties. Arranged meetings with instructor to discuss work ethics, expectations, challenges, and evaluation.

PREREQUISITES
GEOG 120 and GEOG 220

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. Describe challenges of a GIS professional.
2. Summarize duties of a GIS professional at host organization.
3. Demonstrate ability to interact in a professional setting.
4. Complete tasks as assigned by the GIS host organization.
5. Identify ethical issues involved in working with GIS.
6. Evaluate the internship experience.

GENERAL EDUCATION OUTCOMES (ESO)
Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

1.
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1. Demonstrate the ability to learn and apply required GIS software to solve or analyze geospatial data.
2. Demonstrate critical thinking skills and recognize issues related to GIS applications.
3. Exhibit professional ethics, knowledge of industry practices, and employability issues.
4. Acquire, modify, organize, and apply geospatial data sets.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes will be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Report by host organization (4,5)
2. Log of learning experiences (1, 2, 4)
3. Written paper and presentation detailing the internship experience (1-6)
4. Evaluation by MCC instructor (6)
Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An asterisk can be used to mark an item as optional.

I. Introductory meeting
   A. Duties of a GIS intern
   B. Professional standards
   C. Professional ethics
   D. Evaluation methods

II. Internship experience
   A. Tasks assigned by the GIS host organization
   B. Daily log of learning experiences
   C. Report writing

III. Evaluation meeting
   A. Presentation of internship experience
   B. Instructor discussion