

Minnesota State University Moorhead

GEOS 405: Geographic Information Systems

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: 3

Lab Hours/Week: 0

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

Geographic Information Systems are a powerful research tool combining the classic methods of cartography and map analysis with the computer's abilities to collect, store, retrieve, transform, analyze, and display spatial and statistical data from a wide variety of sources. GIS allows the user to see spatial patterns that are otherwise missed, and describe and analyze them. GIS is also a multi-disciplinary tool whose benefits to other fields of study have thus far been unlimited.

B. COURSE EFFECTIVE DATES: 12/31/2001 - 02/26/2014

C. OUTLINE OF MAJOR CONTENT AREAS

None

D. LEARNING OUTCOMES (General)

None

E. Minnesota Transfer Curriculum Goal Area(s) and Competencies

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted