

Bemidji State University

GEOG 3226: Cartography

A. COURSE DESCRIPTION

Credits: 3

Lecture Hours/Week: *.*

Lab Hours/Week: *.*

OJT Hours/Week: *.*

Prerequisites: None

Corequisites: None

MnTC Goals: None

This course provides a more integrated, practical link between cartographic theory and practice for users of GIS. This course blends theoretical discussion of GIS as a science and GIS as a software application and addresses through lecture and laboratory work map productions for a variety of audiences. A particular focus of this course is on quality communication through maps. Experience with GIS software is essential. Prerequisite: GEOG 3231.

B. COURSE EFFECTIVE DATES: 08/25/2014 - Present

C. OUTLINE OF MAJOR CONTENT AREAS

1. ¿ Defining Cartography and Thematic Mapping
2. ¿ Techniques of quantitative thematic mapping
3. ¿ Designing Thematic Maps

D. LEARNING OUTCOMES (General)

1. . be able to demonstrate a general knowledge and application of basic cartographic principles; prepare thematic maps that communicate data effectively.
2. . understand the fundamentals thematic mapping essentials
3. . be able to demonstrate effective techniques of quantitative and qualitative thematic mapping
4. . be able to effectively design thematic maps for different audiences and using different media
5. . build a GIS vocabulary and use it effectively in future GIS courses and elsewhere.

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

None

F. LEARNER OUTCOMES ASSESSMENT

As noted on course syllabus

G. SPECIAL INFORMATION

None noted