

LEARNING OBJECTIVES / GOALS / OUTCOMES / LEARNING OUTCOMES:

1. Introduce students to a range of interpretive tools and techniques essential for geographic investigations.
2. Provide students with the skills to read and interpret different types of maps and aerial photographs; to use various maps and remotely sensed data in geographic research; and, select appropriate methods for the analysis and presentation of geographic data.

METHODS:

Course material will be presented in lecture and laboratory sessions.

PRIOR LEARNING ASSESSMENT RECOGNITION (PLAR):

Credit can be awarded for this course through PLAR (Please check:) Yes No

METHODS OF OBTAINING PLAR:

Challenge exam and/or portfolio assessment.

TEXTBOOKS, REFERENCES, MATERIALS:

[Textbook selection varies by instructor. An example of texts for this course might be:]

Campbell, J. 2001. Map Use and Analysis. 4th edition. McGraw Hill.

SUPPLIES / MATERIALS:

A minimal fee for drawing/drafting materials.

STUDENT EVALUATION:

[An example of student evaluation for this course might be:]

Lab assignments and projects	50%
Exams	50%

COURSE CONTENT:

[Course content varies by instructor. An example of course content might be:]

1. Basic Mapping Principles
2. Map Projections
3. Coordinate Systems
4. Map Generalization and Topographic Map Interpretation
5. Basic Surveying Techniques
6. Thematic Mapping
7. Aerial Photography
8. Remote Sensing
9. Map Design
10. Digital Cartography and GIS
11. Mapping and Propaganda