



Division:

ab

Number of Contact Hours: (per week /semester for each descriptor)

Number of Weeks per Semester:

Maximum Class Size:

|

- 7. Cartographic Design
 - a) Cartographic design process
 - b) Generalization, selection and symbolization
 - c) Potential impacts of the design

- 8. Thematic Maps
 - a) Qualitative and quantitative thematic maps
 - b) Types of quantitative thematic maps
 - c) Construction and interpretation of thematic maps

- 9. Geographic Information Systems
 - a) Concept of a GIS
 - b) Applications

The course will employ a variety of instructional methods to accomplish its objectives, including some of the following:

- Lecture
- Labs
- Field Work
- Slides/Videos
- Individual and/or Team Projects
- Small Group Discussions

Texts will be updated periodically. Typical examples are:

Campbell, J. (2001). *Map Use and Analyses (4th ed.)* New York: McGraw Hill.

Evaluation will be based on course objectives and will be carried out in accordance with Douglas College policy. The instructor will provide a written course outline with specific criteria during the first week of classes. An example of a possible evaluation scheme would be:

Labs	40%
Project	20%
Midterm Exam	20%
Final Exam	<u>20%</u>
	100%

Students may take a challenge exam to apply for recognition of prior learning.