

GEOG 266 : ARCGIS

Transcript title

ArcGIS

Credits

4

Grading mode

Standard letter grades

Total contact hours

60

Lecture hours

30

Lab hours

30

Recommended preparation

or to be taken with GEOG 265.

Course Description

Provides working knowledge of ArcGIS software. Covers designing and developing a geographic information system database, performing spatial analysis, creating maps, and generating a report with software.

Course learning outcomes

1. Build custom map layouts in ArcGIS.
2. Use ArcGIS to manage raster and vector data.
3. Use ArcGIS to edit attribute data.

Content outline

1. What is ArcGIS?
2. Mapping geographic information systems (GIS) data
3. Presenting GIS data
4. Coordinate systems
5. Managing vector data
6. Managing raster data
7. Attribute data
8. Editing
9. Queries
10. Joins and overlays

Required materials

This course will require a textbook.