



GIS 201: Site Evaluation and GIS

The environmental principles learned in Earth Science will be applied to the evaluation of a site. A series of sites will be chosen and a building project or hazardous material spill proposed on the site. Working in groups, students will survey the site, evaluate groundwater flow patterns, weather patterns, vegetative cover, soils and topography. All of the information will be mapped into a GIS system. Students will then evaluate the impact of the project or spill on the site evaluating areas of critical environmental concern such as wetlands, wildlife, water supply, flood control, storm damage prevention and many others. Offered evenings only. Prerequisite: EGR 141. Two lecture hours and two laboratory hours per week. Instructional Support Fee applies.

Credits: 3

Program: Geographic Information Systems