Spatial Technologies Seminar
Advanced Computing in Geography
GEO 298, Fall 2007
CRN #56951, 2 Units

1137 PES (GIS Teaching Lab)
Tentatively Mon 4-7pm (Alt. Time Wed 4-7pm)

Prerequisites: 1 Geographic Information System course, and 1 computer programming course or equivalent experience. (Space may be available for an experienced undergraduate by instructor consent)

Course Description: A review of modern GIS tools through hands on GIS, GPS and Web development in a team programming environment. Possible topics include cartography tools, ArcGIS extensions, GPS processing, Geo-Statistics and web mapping applications from a programming environment perspective.

Tools likely to be included based on student interest are Python, GDAL, PostGIS, ArcGIS, VB .Net, AJAX, XML, R-Project, GRASS, QGIS, GML, KML, and spatial SQL.

Please contact the course coordinator if you have any questions. Course Coordinator: Alex Mandel aimandel@ucdavis.edu
Course Sponsor: Professor Jim Quinn jfquinn@ucdavis.edu