

SA 4400: Study Abroad Directed Study

1-3 Credit Hours

Prerequisite: Approval of the instructor and department chair prior to registration.

Available for all disciplines.

SA 4490: Upper-division Study Abroad

0-12 Credit Hours

Prerequisite: Varies with discipline and subject.

Upper division study abroad course denoting junior, senior level work.

SURV 2110: Introduction to Mapping

4 Credit Hours

Prerequisite: MATH 1113

Introductory class in basic surveying and mapping skills including geographic information systems (GIS). Topics include scales, leveling, horizontal measurements, GPS mapping, topography, map projections, GIS analytical tools, data sources, raster and vector data and software applications. Emphasis will be on small scale mapping.

SURV 2200: Construction Measurements

4 Credit Hours

Prerequisite: MATH 1113

Use and care of engineers level, transit and tape; leveling, traversing, stadia, contours, horizontal and vertical field layouts for buildings; reading and interpretation of site survey maps. (No credit for CET or Surveying and Mapping majors.)

SURV 2221: Surveying I

3 Credit Hours

Prerequisite: EDG 2160 and MATH 1113

Corequisite: SURV 2221L

This course deals with the determination of angles, distances, elevations and horizontal and vertical location using total station and level. Simple horizontal and vertical curves and contouring are covered in this course. This course also introduces the Global Positioning System and coordinate computations.