Course Title: CENG 2231

Pre-requisites: A minimum grade of "C" in MATH 1112 or MATH 1113 or MATH 1441 and CENG 1133 or ENGR 1133 or TCM 1232. Cross Listing(s): TCM 2233.

Course Description
Principles of the level, theodolite, electronic distance measurement EDM), total station and global positioning systems, taping, note keeping, coordinate geometry, control surveys, triangulation, trilateration, plane coordinate systems, azimuth and topographic mapping. Laboratory includes use of level, theodolite, EDM, total station, GPS, traverse closure, level net closure, topo-graphic mapping, measuring distances and heights using coordinate geometry calculations.

Credit Hours: 3
Course Schedule: TBA
Instructor: TBA