SURVEYING (SURV)

218 PLANE SURVEYING  4 UNITS
Prerequisite: “C” grade or higher or “Pass” in MATH 170 or equivalent or concurrent enrollment
2 hours lecture, 6 hours laboratory
Use, care and adjustment of surveying instruments. Fundamental surveying methods, traverse measurements, and area computations. Introduction to horizontal and vertical curves, stadia, and construction layout. Introduction to topographic mapping. Earth work computations. Also listed as ENGR 218.
Not open to students with credit in ENGR 218.
CSU, UC

220 BOUNDARY CONTROL AND LEGAL PRINCIPLES  3 UNITS
Prerequisite: “C” grade or higher or “Pass” in SURV/ENGR 218 or equivalent
3 hours lecture
Legal and professional aspects of surveying such as U.S. public land surveys, property surveys, title search, report laws affecting a surveyor, resurveys or surveys based on the deed or record, and the new divisions of land.
CSU

240 ADVANCED SURVEYING  4 UNITS
Prerequisite: “C” grade or higher or “Pass” in SURV/ENGR 218 or equivalent
3 hours lecture, 3 hours laboratory
CSU, UC