Survey/Mapping Sciences Classes

SURV 118—Plane Surveying  4 units
History and careers in surveying. Introduction to survey measurements, distance, direction and elevations. Traverse computations and adjustment. Recording field measurements. Assists in passing the land surveyor-in-training exam. Completion of Math 160 recommended. CSU/UC.
80757  Tuesdays  6:30–9:40pm  Ed Capalaran  2/11-6/2/20

In addition to the Tuesday meetings, 6 all-day Saturday labs. Detailed information provided at the first class meeting.

SURV 119—Advanced Plane Surveying  4 units
Prerequisite: Survey/Mapping Sciences 118 or possession of a valid LSIT Certificate. Emphasis on coordinate geometry calculations. Route surveying with horizontal and vertical curves. Topographic surveying and mapping. Construction surveying. Introduction to geospatial technologies, boundary surveying and surveys of public lands. Field surveying projects. Assists in passing the land surveyor-in-training exam. CSU/UC.
80758  Wednesdays  6:30–9:40pm  Chu Kow  2/12-6/3/20

In addition to the Tuesday meetings, 6 all-day Saturday labs. Detailed information provided at the first class meeting.

SURV 221—Advanced Problems in Surveying I  3 units
Measurement analysis, adjustments, geodesy, state plane coordinates, global position system. Prepares students for land survey exams. CSU.
Recommended preparation: Survey/Mapping Sciences 119 and Mathematics 160.
81263  SCC Web  Online  Mark Counts  2/10-6/7/20
Online class. Students must log-on to canvas.sccollege.edu on or before first day of class.

SURV 222—Advanced Problems in Surveying II  3 units
Introduction to photogrammetry emphasizing concepts and calculations. Route surveying includes horizontal and vertical curves, volume calculations and construction staking. Prepares students for land survey exams. CSU.
Recommended Prep: Survey/Mapping Sciences 119 and Mathematics 160.
81264  Mondays  6:30–9:40pm  Brian Ceballos  2/12-6/3/20

Offered through Community Services (fee-based classes, not for credit)

Survey Mapping in Civil 3D  Fees: $350 per person
This advanced course will instruct students in the use of and capabilities of Computer Aided Drafting (CAD) software. The major emphasis is on survey law, drafting using templates and producing maps for agency submittals and work plans for use in both the office and field environments. The course is specifically intended for students with land survey training or experience and anyone who wants to learn how to prepare maps that will record.
Recommended preparation: Advanced Plane Surveying, CAD Fundamentals & Trigonometry.
To register for this class go to sccollege.edu/cs.
80987  Saturdays  9:00a–3:30pm  Jonathan Maddox  2/1-3/28/20

APPLY NOW at sccollege.edu/apply