

# SRVY - DRAFTING

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**SRVY 1313 Plane Surveying 3 Credit Hours (2 Lec, 3 Lab)**

An introductory overview of surveying equipment and measurement techniques with emphasis on leveling and traversing.

Course Type: Technical/Vocational Course

**SRVY 1442 Global Positioning System Techniques for Surveying and Mapping 4 Credit Hours (3 Lec, 2 Lab)**

Introduction to the Global Positioning System (GPS) in surveying and mapping activities. Major topics include structuring a GPS system, designing a GPS data collection project, using GPS data collection equipment, collecting and processing GPS data, and correcting data errors.

Course Type: Technical/Vocational Course

**SRVY 2340 Advanced Plane Surveying Capstone 3 Credit Hours (2 Lec, 3 Lab)**

Advanced computational skills and application of contemporary tools to the execution of surveying projects, mapping, and construction stakeout. Laboratory exercises use total stations, electronic field books, global positioning systems, and computer software.

Course Type: Technical/Vocational Course

**SRVY 2348 Plane Surveying 3 Credit Hours (2 Lec, 4 Lab)**

Surveying instruments, basic measuring procedures, vertical and horizontal control, and traverse closure. Prerequisite: MATH 1316.

Course Type: Technical/Vocational Course

**SRVY 2380 Cooperative Education - Survey Technology/ Surveying 3 Credit Hours (1 Lec, 15 Lab)**

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

Course Type: Technical/Vocational Course