

# 2025-2026 TTC Catalog

## CET 205 Surveying II

Lec: 3.0 Lab: 3.0 Credit: 4.0

This course includes electro-optical instrumentation techniques and complex computations used in surveying. The course covers land surveying and boundary laws, public land surveys, topographic mapping, horizontal and vertical curves, lot calculations, GPS survey technology and surveying astronomy. Lab work consists of locating objects within a survey boundary, performing a boundary and topographic survey and performing a survey using GPS equipment.

### **Prerequisite**

CET 204

### **Corequisite**

EGT 152

and

EGR 290

### **Grade Type**

Letter Grade

### **Division**

Engineering and Construction