



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Surveying II
Course Number: CET228

Required Materials

Textbook(s): Kavanagh- Surveying Principles and Applications
Required Readings: None
Additional Materials: Calculator, Engineering Paper, Field Book

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week	Chapter/Topic/Lab
1	Chapters 1 & 4 Kavanagh-Introduction/Review
2	Chapters 4 & 6 Kavanagh, Ch 5&6 Chappell, Closed Traverses, Parcels, & Compass Rule
3	Chapter 6- Kavanagh, Chapters 12 & 13 Chappell, Coordinates and State Plane Coordinates
4	Chapter 6-Kavanagh, Chapters 7,8, &9 Chappell, Area by Coordinates
5	Chapter 9 Kavanagh- Geographic Information Systems
6	EXAM #1 (15%)
7	Chapter 8-Kavanagh, Topographic Maps and Contours
8	Labs 1-3, Construction Grading, ROW, & Embankments
9	Chapters 9 and 15
10	Chapters 9 & 15-Kavanagh, Volume Calculations & Quantities
11	EXAM #2 (15%)
12	Chapter 14-Kavanagh, Horizontal Curves and Sight Distance
13	Chapter 14-Kavanagh, Vertical Curves, Profiles & Traffic Control
14	Chapter 14 Kavanagh, Chapters 10 & 11- Chappell, Civil 3D Profiles and ODOT Profiles
15	Chapter 15-Kavanagh, Roadway Sections, Grade Sheets
16	Labs 4-6, Lab Day and Civil 3D Surfaces, EXAM #3