

Course Syllabus

Course Name: Mechanical – Electrical Contracting

Course Number: CE 4354, 3 credits

Instructor: Professor Marshall
Engineering Room A214
915.747.5765
asmmarshall@utep.edu

Location/time: to be determined

Course Description: This course is designed to give students a working knowledge of requirements for managing mechanical – electrical contracting work.

Textbook: Janis and Tao. *Mechanical and Electrical Systems in Building*. Pearson, 5th edition, ISBN-13:978-0-13-801582-6

Assignments: Students are required to complete problems at the end of each assigned chapter of the text by the end of the week in which the chapter is assigned. Assignments shall be posted by each student weekly on Piazza.com by midnight, Saturday each week.

Class Structure: The class will be conducted as a hybrid class. Class sessions will be held every other week starting with the first week of classes. Class sessions will be used for problem solving. Students will be called on to solve

Class Subject and Reading Schedule

<u>Week</u>	<u>Subject</u>	<u>Text Sections</u>
1	Basics, Leveling	1,2
2	Distances	3
3	Angles, directions	4

4	Total stations	5
5	Traverses	6
6	Satellite systems	7, 11, 12
7	Topo maps, GIS	8, 9, 10
8	Engineering surveys	13, 14
9 - 15	Final project work	

Grading: Teamwork in class 30%
Assignments 70%

Academic Integrity: Academic integrity will be enforced in accordance with University and Department policies.

Disabilities: Students with disabilities will be accommodated. Students are required to notify the instructor of any disability at least one week before the start of class.