

2014-2015 Fall Semester

**MIM 271E - CRN 11565
THEORY OF STRUCTURES**

DR. GÜLSEREN EROL

Week	Thursday 08:30-10:30	Content
	Room: 230	
1	Sept 18th	Introduction, Principles of Structural Analysis, Types of Structures and Loads
2	Sept 25th	Internal Force Diagrams, Analysis of Statically Determinate Structures-Simple Beams and Frames
3	Oct 2nd	Analysis of Statically Determinate Structures-Continuous Beams with Hinges, Three-Hinged Archs and Frames
4	Oct 9th	Problem Solving
5	Oct 16th	Analysis of Statically Determinate Trusses
6	Oct 23th	Problem Solving
7	Oct 30th	Deflections
8	Nov 6th	Problem Solving
9	Nov 13th	MIDTERM EXAM
10	Nov 20th	Analysis of Statically Indeterminate Structures by the Force Method
11	Nov 27th	Analysis of Statically Indeterminate Structures by Moment Distribution (Cross Method)
12	Dec 4th	Analysis of Statically Indeterminate Structures by Moment Distribution (Cross Method)
13	Dec 11th	Problem Solving