



STRUCTURAL ENGINEERING DESIGN

CALENDAR

[← BROWSE COURSE MATERIAL](#)

The calendar below provides information on the course's lecture (L) and recitation (R) sessions.

LEC #	TOPICS	KEY DATES
L1	Introduction	
L2	Planning and Design Process	
L3	Materials, Loads, and Design Safety	
L4	Behavior and Properties of Concrete and Steel	
L5	Wind and Earthquake Loads	Assignment 1 Out
R1	Wind and Earthquake Loads	
L6	Design of Reinforced Concrete Beams for Flexure	
L7	Design of Reinforced Concrete Beams for Flexure	
L8	Design of Reinforced Concrete Beams for Shear	
L9	Guest Lecture: Project Introduction	Assignment 1 Due Project Out
R2	Flexural Analysis and Design of Beams	Assignment 2 Out
L10	Design of Reinforced Concrete Beams for Shear	
L11	Project Hour: Group Presentations on Site Visit Observation	
R3	Shear in Beams	
L12	Bond, Anchorage and Serviceability	Assignment 2 Due
L13	Bond, Anchorage and Serviceability Project Discussions	
L14	Reinforced Concrete Columns	Assignment 3 Out
L15	Discussion of Project Tasks	
L16	Exam 1 Review	
L17	Exam 1	Assignment 3 Due
L18	Reinforced Concrete Columns	Project Progress Report 1 Due
R4	Reinforced Concrete Columns and Slabs	
L19	Special Topic Lecture: Prestressed Concrete	
L20	Reinforced Concrete Slabs	
R5	Short Columns and Slab Systems	
L21	Special Lecture: Bridge Design— Beyond the Calculations	