COURSE SCHEDULE

Week	Lecture	Sections		
		Explanation	Grading	Ques
1	Introduction: Structural Systems	Beam design review	----------	------
2	Introduction: Loading/Floor	Floor Analysis of Roadway Bridges	----------	------
3	Plate Girder Design (1)	Floor Analysis of Railway Bridges	Floor Analysis of Roadway Bridge	(1, 2)
4	Plate Girder Design (2)	Floor Beam Connection Details	Floor Analysis of Railway Bridge	(1, 2)
5	Curtailment, Flange-Web Weld, Stiff	Straining Actions on Main Girder	Floor Beam Connections + Quiz1	(3,4)
6	Detailing: Splices and Bracing	Flange Design	Moment on M.G+Web Plate	(5, 6)
7	Fatigue	Curtailment, Flange-to-Web Weld	Flange Design	(7)
8	Mid Term Exams	----------	----------	-------
9	Detailing: Bearings	Splices	Curtailment, Flange-to-Web Weld	(8, 9)
10	Composite Bridges (1)	Bracings	Stiffeners	(10)
11	Sham El-Nesim Vacation	---	Fatigue	(13)
12	Composite Bridges (2)	Drawings	Splices, bracing + Quiz2	(11, 12)
13	Box Girder Bridges (1)	----------	Bearngs + Drawing Preliminary	(14, 15)
14	Box Girder Bridges* (2)	Composite beam design	Drawing final + Quiz3	(15, 16)

*** Steel bridge report to be submitted on week 14.**