

MSc Design of Steel Structures "Stability of Steel Structures"

Lectures schedule

Day	Time	H	Subject
Week 1			
19/04/2010	9.30-11.30	2	Stability of beam-columns: Definitions, Euler problems, Critical load
21/04/2010	11.30-13.30	2	Stability of beam-columns: Further theoretical details, exercises
Week 2			
26/04/2010	9.30-11.30	2	Stability of beam-columns: applications and exercises
28/04/2010	11.30-13.30	2	Stability of beam-columns: Classification of steel sections
Week 3			
03/05/2010	9.30-11.30	2	Stability of beam-columns: Stability checks of eccentrically compressed members
05/05/2010	11.30-13.30	2	Stability of beam-columns: exercises
Week 4			
10/05/2010	9.30-11.30	2	Stability of built-up members: basic theory
12/05/2010	11.30-13.30	2	Stability of built-up members: code provisions
Week 5			
17/05/2010	9.30-11.30	2	Lateral-torsional buckling: basic theory
19/05/2010	11.30-13.30	2	Lateral-torsional buckling: basic theory
Week 6			
24/05/2010	9.30-11.30	2	Stability of steel plates: basic theory, code provisions
26/05/2010	11.30-13.30	2	Stability of steel plates: exercises
Week 7			
09/06/2010	11.30-13.30	2	Stability analysis : theory
Week 8			
14/06/2010	9.30-11.30	2	Stability analysis : code provisions
16/06/2010	11.30-13.30	2	Stability analysis : exercises
Week 9			
21/06/2010	9.30-11.30	2	Final applications and exercises
23/06/2010	11.30-13.30	2	Final applications and exercises
Week 10			
28/06/2010	9.30-11.30	2	Final applications and exercises
30/06/2010	11.30-13.30	2	Final applications and exercises
TBD		2	Final Exam