

# MSc Design of Steel Structures

## "Stability of Steel Structures"

### Lectures schedule

	Day	Time	H	Subject
<b>Week 1</b>				
	03/11/2008	11.30-13.30	2	Stability of beam-columns: Definitions, Euler problems, Critical load
	03/11/2008	15.30-17.30	2	Stability of beam-columns: Further theoretical details, exercises
	05/11/2008	11.30-13.30	2	Stability of beam-columns: Classification of steel sections
<b>Week 2</b>				
	10/11/2008	11.30-13.30	2	Stability of beam-columns: Stability checks of compressed members, Exercises
	10/11/2008	15.30-17.30	2	Stability of beam-columns: Stability checks of eccentrically compressed members
	12/11/2008	11.30-13.30	2	Stability of beam-columns: Exercises
<b>Week 3</b>				
	17/11/2008	11.30-13.30	2	Stability of built-up members: basic theory
	17/11/2008	15.30-17.30	2	Stability of built-up members: code provisions
	19/11/2008	11.30-13.30	2	Stability of built-up members: exercises
<b>Week 4</b>				
	24/11/2008	11.30-13.30	2	Lateral-torsional buckling: basic theory
	24/11/2008	15.30-17.30	2	Lateral-torsional buckling: code provisions
	26/11/2008	11.30-13.30	2	Lateral-torsional buckling: exercises
<b>Week 5</b>				
	01/12/2008	11.30-13.30	2	Stability of steel plates: basic theory, code provisions
	01/12/2008	15.30-17.30	2	Stability of steel plates: exercises
	03/12/2008	11.30-13.30	2	Structural analysis
<b>Week 6</b>				
	08/12/2008	11.30-13.30		
	08/12/2008	15.30-17.30		
	10/12/2008	11.30-13.30	2	Structural analysis: exercises
<b>Week 7</b>				
	15/12/2008	11.30-13.30	2	Stability analysis : theory
	15/12/2008	15.30-17.30	2	Lateral-torsional buckling: code provisions
	17/12/2008	11.30-13.30	2	Lateral-torsional buckling: exercises
	TBD		2	Exam: Final Assessment