

Solid Mechanics

Week	Subject	Lecture Slides	Tutorial Questions	Example Solutions	Self-Assessment Test
Week 1	Force, Area and Stress	Lecture 1	Tutorial 1	Example 1	~
Week 2	Axial Deformation	Lecture 2	Tutorial 2	Example 2	~
Week 3	Stress on an inclined plane	Lecture 3	Tutorial 3	Example 3	~
Week 4	Plane Stress and plane Strain	Lecture 4	Tutorial 4	Example 4	~
Week 5	Strain Energy	Lecture 5	Tutorial 5	Example 5	~
Week 6	~	~	~	~	Mid-term
Week 7	Beam Bending	Lecture 6	Tutorial 6	Example 6	~
Week 8	Stress Concentration	Lecture 7	Tutorial 7	Example 7	~
Week 9	Torsion	Lecture 8	Tutorial 8	Example 8	~
Week 10	Power Transmission in Torsion	Lecture 9	Tutorial 9	Example 9	~
Week 11	Elastoplastic analysis	Lecture 10	Tutorial 10	Example 10	~
Week 12	~	Lecture 11 (Recap)	~	Example 11	~