

CT1002: 工程靜力學**Instructor**

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Textbook

Hibbeler, R. C. (2007). *Engineering Mechanics*, 11th edition. Prentice Hall.

Grading

Homework: 10%
 Midterm exam : 40%
 Final exam: 50%

Course content

Date	Topic
2/23	General Principles
2/26	Force vectors
3/2	Force vectors
3/5	Equilibrium of a particle
3/9	Equilibrium of a particle
3/12	Force system resultants
3/16	Force system resultants
3/19	Equilibrium of a rigid body
3/23	Equilibrium of a rigid body
3/26	Structural analysis
3/30	Structural analysis
4/2	Structural analysis
4/6	Structural analysis
4/9	Internal forces
4/13	Internal forces
4/16	Internal forces
4/20	Internal forces
4/23	Mid term
4/27	Friction
4/30	Friction
5/4	Friction
5/7	Friction
5/11	Center of gravity and centroid
5/14	Center of gravity and centroid
5/18	Center of gravity and centroid
5/21	Center of gravity and centroid
5/25	Moments of inertia
5/28	Moments of inertia
6/1	Moments of inertia
6/4	Holiday
6/8	Virtual work
6/11	Virtual work