

National Taipei University of Technology
Department of Vehicle Engineering

靜力學
Statics
Winter 2003

Instructor: 陳柏全 助理教授
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Lectures: Monday 10:10AM-12:00PM and 3:10PM-4:00PM 三教 302

Office hours: Friday 1:10PM-2:00PM at my office

Goals: Introduction to the Statics. At the end of this course, you should be able to understand the following topics: force vectors, equilibrium of a particle, force system resultants, equilibrium of a rigid body, structural analysis, internal forces, friction, center of gravity and centroid, moments of inertia, and virtual work.

Text: *Engineering Mechanics - Statics*, by R.C. Hibbeler
Prentice Hall, 9th edition, 2001.

Grading:

Homeworks	10%
Quizzes	20%
Midterm	30%
Final	40%

Homework: Must be turned in before the class on the due date. **Late homework will not be accepted.**

Exams: **No make-up examinations will be scheduled.**