

NTHU ESS 103001, Spring 2013
Engineering Mechanics - Statics
工程力學 (清班)

Instructor: 陳紹文 (辦公室: 工科館 208 室, 分機: _____, E-mail: chensw@mx.nthu.edu.tw)

Lecture time: M5, M6, R5, **Classroom:** ESS 501

Grade:

Homework: 5%, Quiz: 20% (考 7~8 次, 取最佳 5 次),
1st Midterm: 20%, 2nd Midterm: 30%, Final: 25%

Note:

1. 作業繳交時間: 公告作業後一週內繳交給助教 (例如: 本周四公告, 則下周四交, 晚上 11:59 截止)
2. 作業請勿抄襲, 抄襲與被抄襲者皆以零分計!

TA:

Textbook: R.C. Hibbeler and Kai Beng Yap, "Mechanics for Engineers – Statics" 13th Edition (SI Ed.), PEARSON

Tentative outline:

1. Chapter 1 General Principles (1 hours)
2. Chapter 2 Force Vectors (5 hours)
3. Chapter 3 Equilibrium of a Particle (4 hours)
4. Chapter 4 Force System Resultants, Part 1 (6 hours)

1st Midterm Exam, 3/26, 6:00pm, ESS501

5. Chapter 4 Force System Resultants, Part 2 (4 hours)
6. Chapter 5 Equilibrium of a Rigid Body (8 hours)
7. Chapter 6 Structure Analysis, Part 1 (4 hours)

2nd Midterm Exam, 5/7, 6:00pm, ESS501

8. Chapter 6 Structure Analysis, Part 2 (3 hours)
9. Chapter 8 Friction (7 hours)
- 10 Chapter 11 Virtual Work (6 hours)

Final Exam, 6/18, 6:00pm, ESS501