

NTHU ESS 103- 001(清班), Spring 2014
Engineering Mechanics - Statics
工程力學

Instructor: 陳紹文教授 (辦公室: 工科館 208 室, 分機: 34169, E-mail: chensw@mx.nthu.edu.tw)

Lecture time: M5, M6, R5 (-001, 清班), **Classroom:** ESS 501

Grade:

Homework: 15%, Quiz: 10% (考 6~8 次, 取最佳 5 次),
1st Midterm: 20%, 2nd Midterm: 30%, Final: 25%

Note:

1. 作業繳交時間: 公告作業後一周內繳交給助教 (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!

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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, 3/27, 6:00pm, ESS 501 (暫訂)

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, 5/1, 6:00pm, ESS 501 (暫訂)

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

Final Exam, 6/16, 6:00pm, ESS 501 (暫訂)