

**NTHU ESS 103-001(清班)/002(華班), Spring 2018**  
**Engineering Mechanics - Statics**  
工程力學

**Instructor:** 陳紹文教授 (辦公室: 李存敏館 607 室, 分機: 34169, E-mail: chensw@mx.nthu.edu.tw )

**Lecture time:**

M5, M6, R5 (-001, 清班), **Classroom:** ESS 506

T5, T6, R6 (-002, 華班), **Classroom:** ESS 502

**Grade:**

Homework: 15%, Quiz: 10% (可能考 6 次或以上, 取最佳 5 次),

1<sup>st</sup> Midterm: 20%, 2<sup>nd</sup> 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, "Engineering Mechanics – Statics" 14th Edition in SI Units, 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)

**1<sup>st</sup> Midterm Exam, 3/29, 6:30pm, ESS 5F (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)

**2<sup>nd</sup> Midterm Exam, 5/10, 6:30pm, ESS 5F (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, 6/21, 6:30pm, ESS 5F (暫訂)**