

- EE 351000 控制系統
- Instructor: Wei-Yu Chiu, Delta 862
- TA: 邱崑晏 EECS 871
- Class venue: Delta 215
- Class time: T3T4R3



- Calculus
 - Taylor series expansion
- Linear algebra, differential equations
 - dynamics and superposition principle
- General physics and electric circuits
 - mathematical models
- Complex analysis
 - residue evaluation and Nyquist criterion



Grading system:

- 4 exams: 20%*4

3/31, 4/28, 5/26 (tentative)

6/23 (fixed)

Assigned exercises, terms in checklist, and reading materials may appear in the exams

- Matlab simulations: 20%

Tutorials will be given

Simulation HW: assigned in class and due in one week



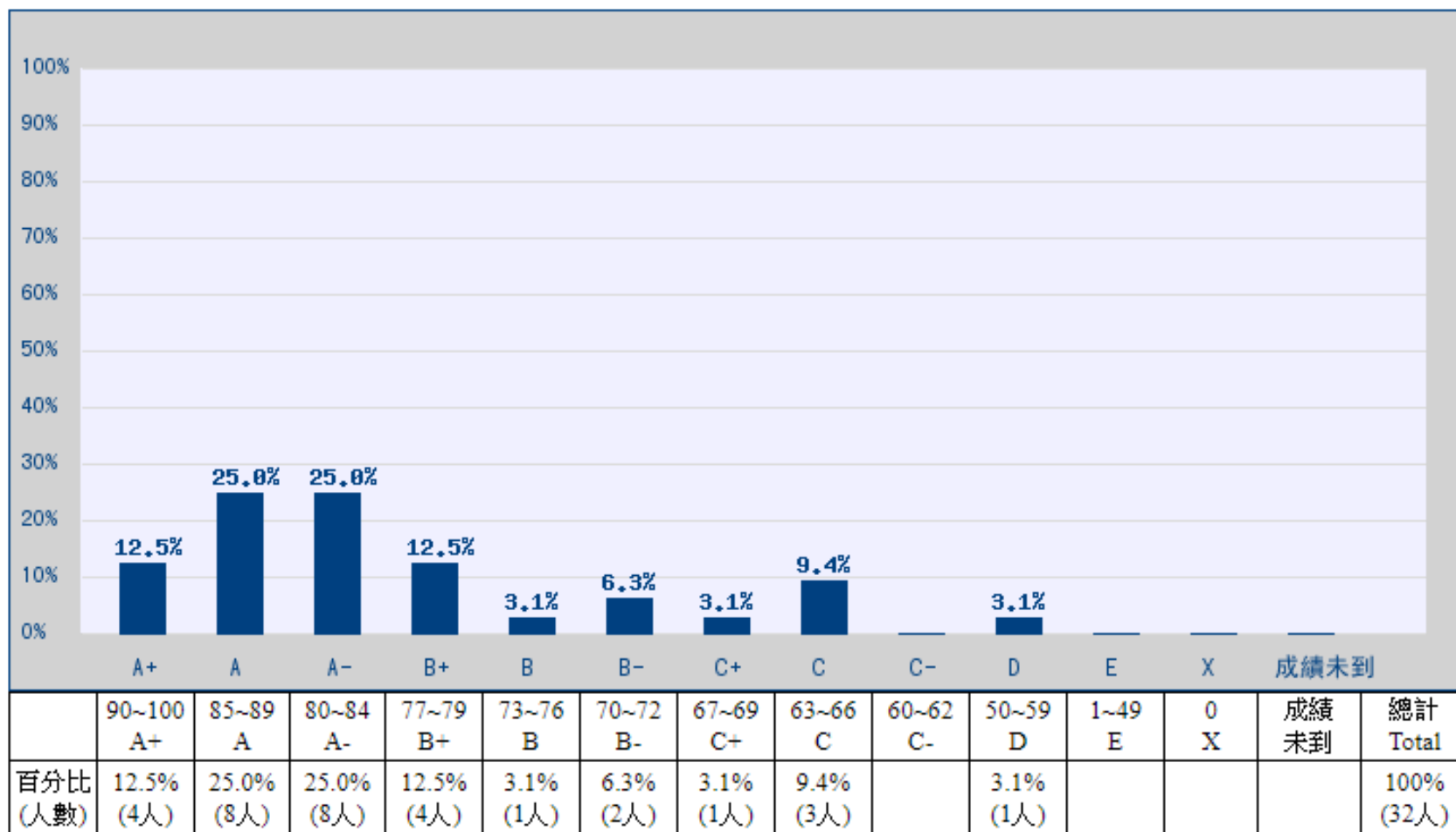
表一、清華大學等級制成績與百分制表

等級計分法 (Grade)	百分制 分數區間	積分 Grade point
A+	90~100	4.3
A	85~89	4.0
A-	80~84	3.7
B+	77~79	3.3
B	73~76	3.0
B- (研究生及格標準)	70~72	2.7
C+	67~69	2.3
C	63~66	2.0
C- (學士班及格標準)	60~62	1.7
D	50~59	1.0
F	1~49	0.0
X	0	0.0

- 因病無法參與考試，請務必提供證明
- 期末無需寄信給老師或TA要分數



10710EE 351000 控制系統



GLOBAL
EDITION 

Modern Control Systems

THIRTEENTH EDITION

Richard C. Dorf • Robert H. Bishop



 Pearson



- Chapter 1 Introduction to Control Systems
- Chapter 2 Mathematical Models of Systems
- Chapter 3 State Variable Methods
- Chapter 4 Feedback Control System Characteristics
- Chapter 5 The Performance of Feedback Control Systems
- Chapter 6 The Stability of Linear Feedback Systems
- Chapter 7 The Root Locus Method
- Chapter 8 Frequency Response Methods
- Chapter 9 Stability in the Frequency Domain
- Chapter 10 The Design of Feedback Control Systems

