

Calculus I: Syllabus

Time: Tue. 13:10-15:00; Fri. 15:10-16:00

Place: 機械系 俊銘講堂

Lecturer: 陳旻宏 Min-Hung Chen

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Web: <http://www.math.ncku.edu.tw/~mhchen/fall10/>

Text: “CALCULUS Early Transcendentals ” (Sixth edition) by James Stewart

Grade policy:

- M1=Midterm (40%)+ Final (40 %)
- M2=Quiz (20%) + Midterm (40%)+ Final (40 %)
- M3=平時成績 (20%) + Midterm (40%)+ Final (40 %)
- 學期成績= $\max\{M1,M2,M3\}$

Note: 平時成績包含小考成績

Outline:

- Chapter 01: Functions and Models
- Chapter 02: Limits and Derivatives
- Chapter 03: Differentiation Rules
- Chapter 04: Applications of Derivation
- Chapter 05: Integrals
- Chapter 06: Applications of Integration
- Chapter 07: Techniques of Integration
- Chapter 08: Further Applications of Integration
- Chapter 09: Differential Equations*
- Chapter 11: Infinite Sequences and Series*

Note: 第九章及第十一章視狀況調整

暫定考試時間:

- Quiz: 10/15, 12/10
 - Midterm: 11/9 (可能為晚上) ,
 - Final: 1/11 (可能為晚上),
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