

Discrete Mathematics

謝仁偉 助理教授
jenwei@mail.ntust.edu.tw
國立台灣科技大學 資訊工程系
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Course Information

- Instructor: 謝仁偉
 - jenwei@mail.ntust.edu.tw
 - Office: IB-1032
- Course Information
 - 課程代碼：CS3003301
 - 上課時間：一 34 四 8
 - 上課教室：T3-305
- TA: 陳柏元
 - m9615073@mail.ntust.edu.tw
 - RB-501

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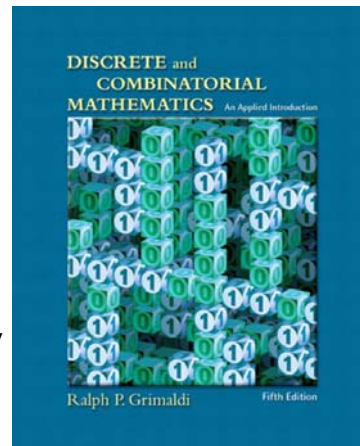
Textbook

Discrete and Combinatorial Mathematics
An Applied Introduction, (Fifth Edition)

- Ralph P. Grimaldi



- ISBN: 0-321-21103-0
- Publisher: Addison Wesley



Outline of the Course

- Fundamental Principle of Computing
- Fundamentals of Logic
- Set Theory
- Properties of the Integers Mathematical Induction
- Relations and Functions
- Relations: The Second Time Around
- Generating Functions (Optional)
- Recurrence Relations (Optional)
- An Introduction to Graph Theory (Optional)

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Grading Policy

- Homework Assignments (20%)
- Quizzes (20%)
- Midterm (25%)
- Final (30%)
- Lecturer's Flexibility (5%)