

CS233601 : Discrete Mathematics (2006)-- Shun-Ren Yang

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Textbook: Elements of Discrete Mathematics— C. L. Liu, McGraw-Hill

Topics:

- 一、 Sets and Propositions: 1.1, 1.2, 1.3, 1.5, 1.6, 1.8
- 二、 Relations and Functions: 4.1, 4.2, 4.3, 4.4, 4.5, 4.8
- 三、 Permutations, Combinations, and Discrete Probability: 3.1, 3.2, 3.3, 3.4, 3.6
- 四、 Graphs and Planar Graphs: 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8
- 五、 Trees and Cut-Sets: 6.1, 6.2, 6.3, 6.4, 6.5, 6.6
- 六、 Groups and Rings: 11.1, 11.2, 11.3, 11.5, 11.8, 11.9, 11.10
- 七、 Discrete Numeric Functions and Generating Functions: 9.1, 9.2, 9.3, 9.4, 9.5, 9.6, 9.7, 9.8
- 八、 Computability and Formal Languages: 2.1, 2.2, 2.3, 2.4, 2.5, 2.6

Grading:

Homework:	0%
Quiz:	20%
Midterm I:	25%
Midterm II:	25%
Final:	30%

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☞每週小考一次，時間為當週第一次上課，每次約考 10 分鐘