

# Algorithms

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## Course Information (1/2)

- Instructor：謝仁偉
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  - Office：T4-509
- Course Information
  - 課程代碼：CS3001301
  - 上課時間：二 2、三 34
  - 上課教室：TR-310-1
- Office Hours:
  - 四 67

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## Course Information (2/2)

- TAs (RB-306-1)：
  - 俞光回 ([david.khyu@gmail.com](mailto:david.khyu@gmail.com))
  - 黃耀宏 ([tim830110@gmail.com](mailto:tim830110@gmail.com))

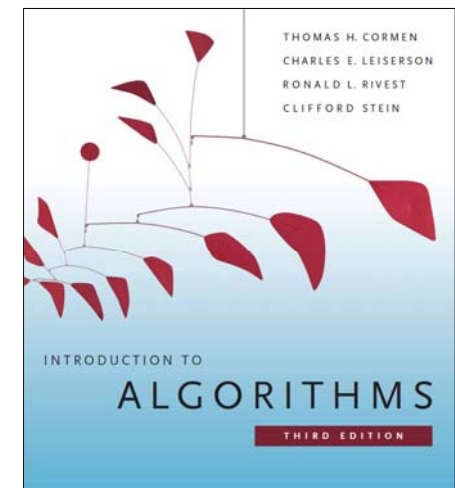


- All slides would be uploaded to the Moodle (<http://moodle.ntust.edu.tw>)

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## Textbook

- Introduction to Algorithms  
Third Edition
  - Thomas H. Cormen
  - Charles E. Leiserson
  - Ronald L. Rivest
  - Clifford Stein
- The MIT Press
- ISBN 978-0-262-53305-8



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## Before we talk about the outline of the course...

Note: We would **NOT** go into mathematics in detail!!!  
All the mathematics stuffs are left to you as exercises...

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## Outline of the Course

- Divide-and-Conquer
- Dynamic Programming
- Greedy Algorithms
- Graph Algorithms
  - Elementary Graph Algorithms
  - Minimum Spanning Trees
  - Single-Source Shortest Paths
  - All-Pairs Shortest Paths
  - Maximum Flow

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## Grading Policy

- Homework Assignments (35%)
- Midterm (30%)
- Final Exam (30%)
- Class Participation & Lecturer's Flexibility (10%)

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## Any Question?



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**Now I would like to know  
everyone of you...**

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**See You Tomorrow!**

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