

# System Programming

- **Instructor**
  - Ming-Te Chi(紀明德), Assistant Professor
  - Mail : [mtchi@cs.nccu.edu.tw](mailto:mtchi@cs.nccu.edu.tw)
  - Office : 大仁 200213
  - Office hours: Monday 56
  - Tel: ext. 62773
- **Class time:** Thursday 234
- **Classroom:** 大仁 200301
- **TA:** room 大仁 200304
  - 劉偉正、陳奕愷
- **Grading**
  - Quiz (20%) (4 x 5%)
  - Programming assignment (15%)
  - Midterm Exam (30%)
  - Final Exam (35%)
  - Class Participation (bonus)
- **Text book**
  - Leland L. Beck. **System Software: An Introduction to Systems Programming.** Third Edition. Addison-Wesley Longman. 1997.
- **Course Webpage:**
  - <http://www.cs.nccu.edu.tw/~mtchi/sp10>

Schedule is in the back

## Schedule

| Week     | Topic                                   | Chapter                               | Slides  | Note                       |
|----------|---|---------------------------------------|---|----------------------------|
| 01 02/25 | Introduction                            | 1.1~1.2                               | <a href="#">Syllabus</a><br><a href="#">slide-intro</a> |                            |
| 02 03/04 | SIC Assembly                            | 1.3.1~1.3.2                           | <a href="#">slide1</a>                                  |                            |
| 03 03/11 | SIC Assembly                            | 1.3.3                                 |   |                            |
| 04 03/18 | SIC Assembly                            | 1.4                                   |   | quiz1<br>1.1~1.3           |
| 05 03/25 | SIC Assemblers                          | 2~2.1.1                               | <a href="#">slide2</a>                                  |                            |
| 06 04/01 | SIC Assemblers                          | 2.1.2~2.2                             |   |                            |
| 07 04/08 | SIC Assemblers                          | 2.3                                   |   | quiz2<br>1.4~2.2           |
| 08 04/15 | SIC Assemblers                          | 2.3                                   |   |                            |
| 09 04/22 | Midterm Exam                            | ~2.3.4                                |   | 10:10~12:00<br>closed book |
| 10 04/29 | SIC Assembler                           | 2.3.5~                                |   |                            |
| 11 05/06 | Linkers and Loaders                     | 3.1, 3.2                              | <a href="#">slide3</a>                                  |                            |
| 12 05/13 | Linkers and Loaders                     | 3.2.3~                                |   | quiz3                      |
| 13 05/20 | 運動會（停課）                                 |                                       |   |                            |
| 14 05/27 | Linkers and Loaders<br>Macro Processors | 3.4~<br>4                             | <a href="#">slide4</a>                                  |                            |
| 15 06/03 | Macro Processors                        | 4                                     |   |                            |
| 16 06/10 | Other Topics                            | 5, 6                                  |   | quiz4                      |
| 17 06/17 | Other Topics                            | 7, 8                                  |   |                            |
| 18 06/24 | Final Exam                              | 2.3.5~2.4<br>3.1~3.4<br>4.1~4,3 4.4.2 |   | 10:10~12:00<br>closed book |