Microcomputer Control

Lecture 0

Chih-Chiang Chen

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2021

Information

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Regulations

- **Reference books**

  No

- **Competition**

  Oral Presentation (Midterm) & Competition (Paper report included) (Final)

- **Class Report**

  Lab reports in class (template will be given)

- **Grades**

  Lab reports (20%) + Midterm (oral presentation) (25%) + Final (competition (30%) + final paper report (25%)) (55%)

- **Materials**

  Arduino UNO board + corresponding components

Regulations

- Some class reports.
- Midterm (Nov. 15, 22) $\iff$ Oral presentation (15 min/person).
  The presentation should include:
  - Title
  - Design
  - Materials
  - Approach (how to do, block diagram, etc)
  - Difficulty
  - Solution
  - Ps. Plagiarism is strictly prohibited (PPT should be upload to Moodle before Nov. 8)
- Final (Dec. 27, Jan. 3)
  The paper report should include (NCKU master thesis format):
  - Title
  - Design
  - Materials
  - Approach (how to do, block diagram, etc)
  - Difficulty
  - Solution
  - Layout + Code
  - detailed (text) illustration (12pt, single line)

Regulations

- You could use your own laptop.
- When you finish all requirement in each class, you can turn to perform your final mini project.

Question?

Syllabus

Date	Lecture
2021–09–27	0
2021–10–04	1&3
2021–10–18	2&4
2021–10–25	5&6
2021–11–01	7&8
2021–11–08	9&10
2021–11–15	Oral presentation (Midterm)
2021–11–22	Oral presentation (Midterm)
2021–12–06	11&12
2021–12–13	13&14
2021–12–20	15&16
2021–12–27	Competition (Final)
2022–01–03	Competition (Final)