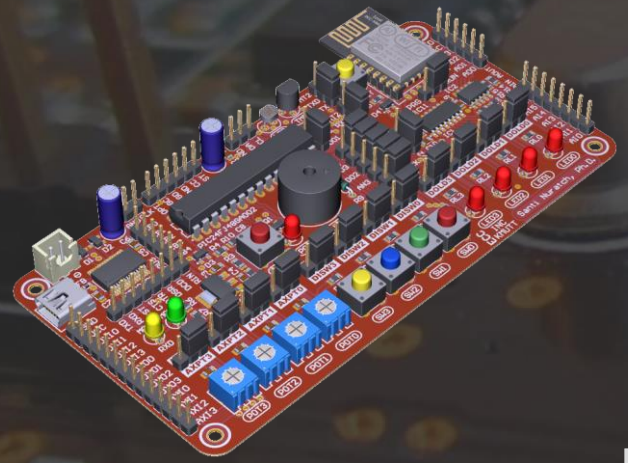
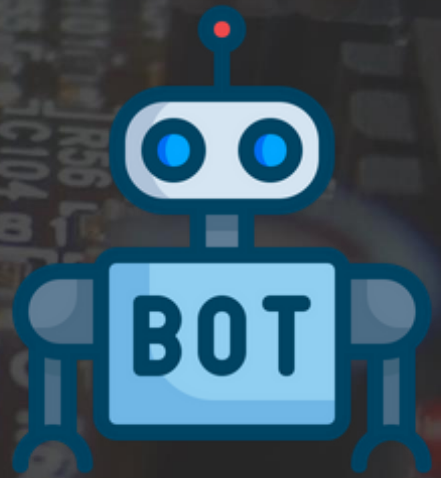
INC693

Lec01: Class Outline and Grading





ผศ.ดร.สันติ นุราช

Asst.Prof.Dr.Santi Nuratch

Embedded Computing and Control Laboratory

Department of Control System and Instrumentation Engineering, Faculty of Engineering

King Mongkut's University of Technology Thonburi (KMUTT)

Class Outline

INC693 Real-time Embedded System & Embedded ML for Automation

FIRST HALF

Assignments	25%
Midterm Exam	25%

Real-time Embedded System

- Embedded C Programming
- Event-Driven Programming
- Algorithms and Data Analytics

Midterm Examination

Paper-based	15 %
Computer-based	10 %

SECOND HALF

Assignments	25%
Midterm Exam	25%

Embedded AI and ML

- Mathematics for AI and ML
- Mathematics & Embedded Programming
- AI and ML for Automation Systems

Final Examination

Paper-based	15 %
Computer-based	10 %

Midterm and Final Examinations will be performed at university @ INC

Studying/Teaching Style

All lectures are provided as videos in the YouTube channel

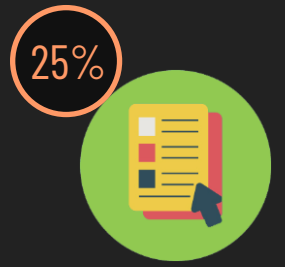
News, updates and discussions will be informed in the Facebook group

Software tools, source code and documents will be uploaded in the GitHub

Grading

Grade	Score
A	80 - 100
B+	75 - 79
B	70 - 74
C+	65 - 69
C	60 - 64
D+	55 - 59
D	50 - 54
F	0 - 49

Midterm Exam:
- Paper-based
- Computer-based



Final Exam
- Paper-based
- Computer-based

Assignments

Assignment

Go to our Github and Install the following software tools

1) Proteus

2) VSCode

3) ecc-embedded

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