MSE 352: Digital Logic and Microcontrollers

Lecture 0

Course Information

Mohammad Narimani, *Ph.D.*, *P.Eng.*
Lecturer
School of Mechatronic Systems Engineering
Simon Fraser University

Instructor and Lectures

- Instructor: Mohammad Narimani, *Ph.D.*, *P.Eng.*, *Lecturer*
  - Email: mnariman@sfu.ca
  - Office hours: by appointment
  - Office: SRYC4322

- Lectures
  - Mondays, 12:30 – 2:20pm (SRYC5240)
  - Wednesdays, 12:30 – 1:20pm (SRYC5240)

- Tutorials
  - Wednesdays, 1:30 – 2:20pm (SRYC5240)

  Note: Tutorial time and Lecture times are mixed and used for both delivering lectures and tutorials.

TAs

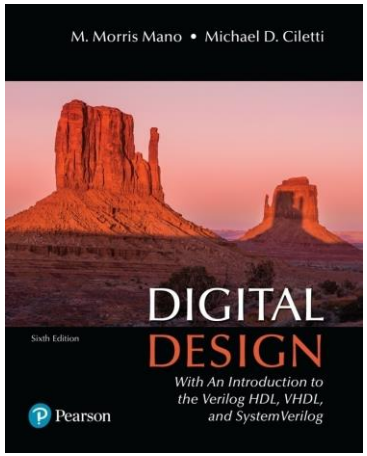
- TAs
  - Amirabbas Hadizade, Ph.D. student — email: aha126@sfu.ca
  - Navid Fanaee Esfahani, Ph.D. student — email: nfa16@sfu.ca
  - Nima Abdollahpour, M.A.Sc.student — email: naa51@sfu.ca

Course information

- Communications
  - Lectures will be only in-person
  - All information on this course will be posted on **Canvas**
  - The following files have been posted:
    - **MSE352_Syllabus-2022.pdf**

- Textbook

Digital Logic:
Digital Design,
6th Edition, by M. Morris Mano and Michael D. Ciletti
Pearson, ©2018
ISBN 9780134549897



Microcontrollers:
The 8051 Microcontroller and Embedded Systems: Using Assembly and C,
2nd Edition, by MA Mazidi
Pearson Education
ISBN 8131710262

Course grading

Evaluation Scheme:

4 Quizzes	10%
Course Project	20%
Midterm Exam	30%
Final Exam	40%

(This grading scheme is tentative. The instructor reserves the right to change the scheme)

Main components of the course

- Exercise problems (no need to submit)
- Midterm: **Wednesday, November 2nd, 2022- Not confirmed!!**
- Final: As Scheduled by SFU

Policy on plagiarism

- Individuals found copying work (exams) will be awarded a grade of zero for the case, and subject to possible further penalties.

- All members in the group share responsibility in ensuring that submitted material has not been plagiarized.

Tips to pass this course

- Come to the lectures as many times as you can.
- Bring lecture slides to the lecture.
- Solve “assignments”.
- Keep pace with lectures by:
  - Reading the textbook and the slides.
  - Solving exercises problems.
  - Making use of instructor’s office hours.
- If you want to get a very good grade…
  - Read the textbook thoroughly.
  - Solve more than given “Exercises” and work with simulation tool.