



Be The Difference.

COEN 2610 – Software Methodologies

Fred J. Frigo, Ph.D.

Spring 2022

Course Description:

This course is an introductory course for software engineering covering the software life cycle, proper selection of data structures and algorithms, and the availability and choice of programming paradigms for appropriate design and implementation of well-engineered software. An open laboratory and significant programming experiences form an integral part of this course.

Additional Details:

The goal of homework and projects will be to gain a deeper understanding of the ideas and concepts of this course through practical examples encountered in software engineering such as: establishing requirements, software design, implementation, testing, verification, deployment, and maintenance.

Location & Schedule:

Class meets Mondays & Wednesdays: 5:00pm-6:15pm

In person - Olin 125 – or live stream available via Microsoft Teams.

Grading:

Homework and Projects: 60%

Mid-term exam: 20%

Final exam: 20%

Recommended Text:

Software Engineering - 10th Edition

By: Ian Sommerville

Publisher: Pearson

Copyright © 2016

Other Notes:

Students are required to comply with all policies outlined in the Undergraduate/Graduate Bulletin, including the Marquette University Honor Code and Honor Policy. Attendance is required. Excessive unexcused absences may result in grade of 'WA' or 'WF'.

Office Hours:

By appointment; using Microsoft Teams or in-person Haggerty Hall – Room 235

Contact Info:

Email: Frederick.Frigo@marquette.edu