CS2450 - Software Engineering
MIS4450 - Project Management
WEB3450 - Software Engineering

Spring 2018

- Syllabus
- Schedule and outline
- Assignment submission/grading (login required)
- Project Ideas

Instructor

- Dr Bob Nielson

Book

- Books
  - 7Habits
  - Django - D is silent
  - Ruby On Rails
  - Code.org
  - SCRM
- Pivotal Tracker
- Final Review

Planning

- Project Planning Microsoft Project Windows OmniPlan MAC OSX
- Cocomo Estimation Costar Cocomo
- Mythical Man Month
- Killer Robot
- CMMI
- Software Development Processes
- SCRUM

Design

- UML
  - IBM UML Tutor
  - IBM UML Class Tutor
  - IBM UML Component Tutor
  - IBM UML Sequence Tutor
- Petri-Net
- Architectural Styles
- User Experience
- Sketch-Swift

Coding

- GIT
  - GitHub Tutor
Testing

- General
- Acceptance Testing
- Code Reviews
- Unit Testing
- Black Box Testing
- White Box Testing
- Stress Testing - Destructive
- Automated Testing - Oracle
- Fault-Injection - Mothra Testing
- Smoke Testing
- Regression Testing
- Security Testing
- Software Quality
- Tutorials-Quality
- Sci-Tools
- Code Checking Automation
- Python Unit Testing
- Dependency Injection 46:51

Implementing

- Documentation-1
- Documentation-2