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

Spring 2017

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

Instructor

- Dr Bob Nielson

Book

- Books
- 7 Habits
- Django - D is silent
- Ruby On Rails
- Code.org
- SCRUM
- 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
Programming Style Dean Mathis McCann

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