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

Fall 2017

- 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
- 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

Python Tips

Hungarian Notation

IDE

Eclipse

Understand

7Habits

Kevin Groke

Natasha Stander

Wing IDE

PyCharm IDE

Atom Editor

Visual Studio Code

Android Studio

Swift from Sketch

xCode

Swift

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