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
- 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
Python Tips
Hungarian Notation
IDE
Eclipse
Understand
7 Habits
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