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  
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