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  
- 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

IDE

Hungarian Notation

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