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
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