CS 4320 / 7320
Software Engineering

Course Introduction / Policies / Overview

Course Overview

Software Engineering I: Fall, 2020 : CS 4320/7320

Course Syllabus

First: Join the Slack Channel

Assignment Calendar

Videos will be posted to a Vimeo Channel

[Weekly Discussions](Will be posted in Canvas, and center on your weekly projects)

Course Videos

Videos will be posted to a Vimeo Channel

Student Hours

Wednesday, August 26, at 8am on my zoom channel We will find a regular time

Course Overview

Assignments	Percentage of Grade	Due Date	Readings
Introduction to Software Engineering			
1. GitHub Assignment	2%	Saturday, August 29, 2020	First 3 Chapters of "Engineering Software ...", and 2 Papers
3. NATO Papers	2%	Saturday, August 29, 2020	First 3 Chapters of "Engineering Software ...", and NATO Papers
3. Fork and Pull	2%	Saturday, August 29, 2020	First 3 Chapters of "Engineering Software ...", and NATO Papers
4. Github User ID Submission	0%	Saturday, August 29, 2020	n/a
Software Engineering Models and Methods			
1. Choose You Methods	3%	Saturday, September 5, 2020	TBD
2. Build a Model	2%	Saturday, September 5, 2020	TBD
3. Resume Submission	1%	Saturday, August 29, 2020	na
Requirements Management			
1. Requirements Analysis	5%	Saturday, September 12, 2020	TBD
Systems Theory and Ethics			
1. Create	5%	Saturday, September 19, 2020	TBD
Technology Archicture and Software Design			
1. Design	5%	Saturday, September 26, 2020	TBD
Human Computer Interaction and Social Computing			
1. User Experience Focus + Integration Focus	5%	Saturday, October 3, 2020	TBD
Construction			
1. TBD	5%	Saturday, October 10, 2020	TBD
2. Deployment	5%	Saturday, October 10, 2020	tbd
Testing			
1. Testing	5%	Saturday, October 17, 2020	TBD
Maintenance and Evolution			
1. TBD	5%	Saturday, October 24, 2020	TBD
Software Engineering Projects			
1. Requirements Analysis for Semester Project	34%	Five iterations due between Saturday, October 31, 2020 and Saturday December 12, 2020	TBD
Essential Orthogonal Disciplines			
1. Documentation	5%	Saturday, November 7, 2020	TBD
2. Security	5%	Saturday, November 7, 2020	TBD
Mutual Aid and Discussion Forum Engagement Quality			
1. Engagement	10%	Analysis of Class Participation and Contribution Throughout, with team feedback.	–