

CSCE 740 - Preliminary Course Schedule

Note that the lecture plan may change based on the availability of potential guest speakers or to facilitate more explanation of certain topics. Assignment due dates are tentative. Updated versions of this schedule will be distributed on Moodle as details are finalized.

Lecture	Date	Topic	Note
1	08/18	Course Overview, Software Product and Principles	
2	08/23	Planning and Development Processes	Last day to drop/add without "W" (08/24)
3	08/25	Agile Processes	
4	08/30	Software Requirements	Team Selection Due
5	09/01	Writing Requirements	
6	09/06	Requirements Elicitation	Digital Elicitation Opens
7	09/08	Requirements Refinement and Testability	
8	09/13	Requirements-based Testing	
9	09/15	The World-Machine Model	
10	09/20	Requirements Modeling and Verification	Project 1 Due - 09/18
11	09/22	Design Fundamentals	
12	09/27	Software Architecture	
13	09/29	Midterm Review	Project 2 Due - 10/02
14	10/04	Midterm Exam	
15	10/06	OO Overview, Class Diagrams	Last day to drop without "WF" (10/10)
16	10/11	Object Modeling	
	10/13	No Class - Fall Break	

17	10/18	Interaction Diagrams	
18	10/20	Design Patterns	
19	10/25	Design Patterns (Part 2)	
20	10/27	From Design to Implementation	Project 3 Due - 10/27
21	11/01	Testing Fundamentals	
22	11/03	Structural Testing	
	11/08	No Class - Election Day	
23	11/10	Testing Strategies and Automation	
24	11/15	Software Test Oracles	
25	11/17	Reliability/When to Stop Testing	Project 4 Due - 11/17
26	11/22	No Class - Instructor Traveling Recommended Work Day	
	11/24	No Class - Thanksgiving Break	
27	11/29	Software (Re)Engineering	
28	12/01	Course Review	
	12/06	Final Exam (9:00 - 11:30 AM)	Project 5 Due - 12/06