

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	08/24	Course Overview, Software Product and Principles	
2	08/29	Planning and Development Processes	Last day to drop/add without "W" (08/30)
3	08/31	Agile Processes	
4	09/05	Software Requirements	Team Selection Due
5	09/07	No Class - Instructor Traveling	
6	09/12	Writing Requirements	
7	09/14	Requirements Elicitation	Digital Elicitation Opens
8	09/19	Requirements Refinement and Testability	
9	09/21	Requirements-based Testing	
10	09/26	The World-Machine Model	Project 1 Due (09/27)
11	09/28	Requirement Analysis and Verification	
12	10/03	Design Fundamentals	
13	10/05	Software Architecture	
14	10/10	Midterm Review	Project 2 Due
15	10/12	Midterm Exam	Last day to drop without "WF" (10/16)
16	10/17	OO Overview, Class Diagrams	
	10/19	No Class - Fall Break	
17	10/24	Object Modeling	

18	10/26	Design Patterns	
19	10/31	Design Patterns (Part 2)	
20	11/02	Dynamic Modeling	
21	11/07	From Design to Implementation	Project 3 Due
22	11/09	Testing Fundamentals	
23	11/14	Structural Testing	
24	11/16	Structural Testing (Part 2)	
25	11/21	Test Execution and Automation	
	11/23	No Class - Thanksgiving Break	
26	11/28	Unit Testing Laboratory	Project 4 Due
27	11/30	Dependability and When to Stop Testing	
28	12/05	Software (Re)Engineering	
29	12/07	Course Review	
	12/14	Final Exam (9:00 - 11:30 AM)	Project 5 Due (12/12)