CSCE 747 - 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	01/12	Course Overview: Verification and Validation	
2	01/14	Testing Fundamentals	
3	01/19	Modeling Software	Last day to drop/add without "W"
4	01/21	Functional Testing	Team Selections Due
5	01/26	Combinatorial Testing	Reading Assignment 1 Due
6	01/28	Structural Testing	
7	02/02	Structural Testing	
8	02/04	Data Flow Analysis	Assignment 1 Due
9	02/09	Data Flow Testing	
10	02/11	Model-Based Testing	Reading Assignment 2 Due
11	02/16	Test Oracles	
12	02/18	Testing Object-Oriented Software	
13	02/23	Testing Object-Oriented Software	Assignment 2 Due
14	02/25	Finite State Verification	
15	03/01	Symbolic Execution and Proof of Properties	
16	03/03	Program Analysis	Reading Assignment 3 Due Last day to drop without "WF"
	03/08	**No Class - Spring Break**	

	03/10	**No Class - Spring Break**	
17	03/15	Test Execution and Automation	
18	03/17	Unit Testing Laboratory	Assignment 3 Due
19	03/22	Fault-Based Testing	
20	03/24	Automated Test Case Generation	Reading Assignment 4 Due
21	03/29	Automated Test Case Generation	
22	03/31	Software Inspections	
23	04/05	Release and Post-Release Testing	Assignment 4 Due
24	04/07	Dependability and Statistical Testing	
25	04/12	Testing in Development Processes	
	04/14	**Class Cancelled**	
26	04/19	**Presentations**	
27	04/21	**Presentations**	
28	04/26	**Presentations**	Assignment 5 Due (April 25)
	05/03	**Final Exam Slot (9:00 - 11:30 AM) Presentations**	