

CSCE 742 - 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	08/23	Introduction to Software Architecture	
2	08/28	Introduction to Architectural Definition and Styles	Last day to drop without "W" (08/29)
3	08/30	Viewpoints and Perspectives	
4	09/04	Architecture Definition	Team Selections Due
	09/06	Instructor Travelling - No Class	Reading Assignment 1 Due
	09/11	Class Cancelled - Hurricane	
	09/13	Class Cancelled - Hurricane	
5	09/18	Setting Context and Identifying Stakeholders	
6	09/20	Concerns, Principles, and Decisions	Project Part 1 Due (9/21)
7	09/25	Identifying and Using Scenarios	
8	09/27	Viewpoint: Functional	
9	10/02	Viewpoint: Functional	Assignment 1 Due (10/02)
10	10/04	Architectural Style: Representational State Transfer (REST)	
11	10/09	Viewpoint: Information	
	10/11	Class Cancelled - Hurricane	Project Part 2 Due
13	10/16	Midterm Review	Last day to drop without "WF" (10/15)
	10/18	Fall Break - No Class	

13	10/23	Midterm Exam	
14	10/25	Viewpoint: Concurrency	Assignment 2 Due
15	10/30	Viewpoints: Development and Deployment	
16	11/01	Viewpoints: Deployment and Operational	Reading Assignment 2 Due
	11/06	Election Day - No Class	
17	11/08	Perspective: Performance and Scalability	
18	11/13	Perspective: Security	
19	11/15	Perspective: Availability	Project Part 3 Due (11/18)
20	11/20	Architectural Style: Embedded Systems (Real-Time Architectures/AADL)	
	11/22	Thanksgiving Break - No Class	
21	11/27	Architectural Style: Embedded Systems (AADL/AGREE)	Reading Assignment 3 Due
22	11/29	Architectural Style: Service-Oriented Architectures	
23	12/04	Machine Learning for Software Architects (Guest Lecture: Dr. Jamshidi)	
24	12/06	Final Review	Project Part 4 Due (12/06) Assignment 3 Due (12/09)
	12/11	Final Exam (9:00 - 11:30 AM)	