

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
5	09/11	Setting Context and Identifying Stakeholders	
6	09/13	Concerns, Principles, and Decisions	
7	09/18	Identifying and Using Scenarios	Project Part 1 Due
8	09/20	Viewpoint: Functional	
9	09/25	Viewpoint: Functional	Assignment 1 Due
10	09/27	Architectural Style 1: Representational State Transfer (REST)	
11	10/02	Viewpoint: Information	
12	10/04	Viewpoint: Concurrency	
13	10/09	Midterm Review	Project Part 2 Due
14	10/11	Midterm Exam	
15	10/16	Viewpoint: Development	Last day to drop without "WF" (10/15)

	10/18	Fall Break - No Class	Assignment 2 Due
16	10/23	Perspective: Performance and Scalability	
17	10/25	Perspective: Performance and Scalability	
18	10/30	Perspective: Security	
19	11/01	Perspective: Security	
	11/06	Election Day - No Class	
20	11/08	Perspective: Availability	
21	11/13	Architectural Style 2: Critical Systems	
22	11/15	Architectural Style 2: Critical Systems	Project Part 3 Due
23	11/20	Architectural Style 3: Service-Oriented Architectures	
	11/22	Thanksgiving Break - No Class	
24	11/27	Architectural Style 3: Service-Oriented Architectures	
25	11/29	Microservices	Assignment 3 Due
26	12/04	Microservices	
27	12/06	Final Review	Project Part 4 Due
	12/11	Final Exam (9:00 - 11:30 AM)	