

Date	Lecture	Description	Assignments
08/27/2019	1 - Introduction	<ul style="list-style-type: none"> Go over syllabus, class schedule, assignments evaluation and other expectations. Introduction to Software Design 	Participation #1: Introduce yourself to the class using Blackboard or Piazza. Respond to at least one other person.
09/03/2019	2 – Software Life Cycle Processes, Software Design Methods, and Languages	<ul style="list-style-type: none"> An overview of software life cycle processes, software design methods and software design languages 	Participation #1 due Participation #2: Make a team and setup team environment. Inform the teacher about the team.
09/10/2019	3 – Requirements Modeling and Analysis; Process Modeling	<ul style="list-style-type: none"> Requirements modeling with use cases, process models, and user stories Requirements analysis 	Participation #2 due Assignment #1: Develop process models for problem statement
09/17/2019	4 – PIM Static Modeling	<ul style="list-style-type: none"> PIM context and conceptual static models 	
09/24/2019	5 – PIM Dynamic Modeling using Interaction Diagrams	<ul style="list-style-type: none"> Dynamic modeling using interaction diagrams 	Assignment #1 due Assignment #2: Develop static models for problem statement
10/01/2019	6 - PIM Dynamic Modeling using Statecharts	<ul style="list-style-type: none"> Review assignment #1 Dynamic modeling using statecharts 	
10/08/2019	7 – PIM Subsystem Modeling	<ul style="list-style-type: none"> Subsystem modeling approaches for distributed systems 	Assignment #2 due Assignment #3: Develop dynamic models for problem statement
10/15/2019	Fall Break	No Class	
10/22/2019	8 – Mapping PIM Classes to PSM	<ul style="list-style-type: none"> Review assignment #2 	
10/27/2019			Assignment #3 due
10/29/2019	9 – Mapping PIM Components and Architectures to PSM Architectures	<ul style="list-style-type: none"> Review assignment #3 	Assignments #4 & #5: Develop subsystem models and PSM implementation of subsystem
11/05/2019	10 – Advanced Architecture Patterns		Participation #3 & #4: Deadline to schedule meeting with teacher to review complete document
11/12/2019	Review draft document session #1		
11/19/2019	Review draft document session #2		Assignments #4 and #5 due
11/26/2019	11- Change and Risk Management	<ul style="list-style-type: none"> Review assignments #4 and #5 	
12/3/2019	Class Review		All revisions to document due Participation #5 due

12/17/2019	Closed Book, In-Class Final Exam		Final Exam
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