






Detailed Syllabus

DATE	PAPERS		ZyBook	To TURN IN:	
01.20.2021 (W 2:30 to 4) (1)	SDLC: 1. Software Development Life Cycle SDLC 2015.pdf 2. A Comparative Analysis of Software development life cycle Models 2015.pdf 3. IBM application lifecycle management (ALM) 2015.pdf	BlackBoard, ZyBook Lecture 1: What is Software Engineering			Online Synchronous - TEAMS
01.25.2021 (M 2:30 to 4) (2)		WEB TECHNOLOGIES	Start ZyBook: Sections 1-5		Online Synchronous - TEAMS
01.27.2021 (W 2:30 to 4) (3)	Review Tutorials 1 on WHAT tools (UML & ERD Modeling)	Lecture 2: SDLC		SDLC Papers Summary (1 Page) (BB Assignment & Hardcopy)	Online Synchronous - TEAMS
02.01.2021 (M 2:30 to 4) (4)		No Class			We will be in TEAMS to answer questions on the Set 1 topics.
01.03.2021 (W 2:30 to 4) (5)		Tutorials 1 on WHAT tools (UML & ERD Modeling)		UML Modeling (BB Assignment & Hardcopy)	Online Synchronous - TEAMS

02.08.2021 (M 2:30 to 4) (6)		Lecture 3: Software Development Process			Online Synchronous - TEAMS
02.10.2021 (W 2:30 to 4) (7)		EXAM 1 REVIEW	Download ZyBook: Sections 1-5		Online Synchronous - TEAMS
02.15.2021 (M 2:30 to 4) (8)					EXAM 1 (BB – 70%) (ZyBook – 30%) Online Synchronous - TEAMS
02.17.2021 (W 2:30 to 4) (9)	Front End Languages: 1. How Do You Learn – Dzone Agile 2016.pdf	WEB TECHNOLOGIES	Start ZyBook: Sections 6-9		Online Synchronous - TEAMS
02.22.2021 (M 2:30 to 4) (10)	Web App Dev: 1. Guide to Web Application Development 2015.pdf 2. PHP vs ASP.net Comparison 2015.pdf 3. Ruby on Rails vs PHP Comparison 2015.pdf	Tutorials 2 on Front End Languages C#, RUBY, PYTHON, PHP		OO Languages (BB Assignment & Hardcopy)	Online Synchronous - TEAMS
02.24.2021 (W 2:30 to 4) (11)		No Class			We will be in TEAMS to answer questions on the Set 2 topics.

03.01.2021 (M 2:30 to 4) (12)	Estimating and Planning: 1. Estimating Techniques 2015.pdf 2. How do you estimate on an Agile project 2015.pdf	 Tutorials 3 on C# Visual Studio IDE MVC framework, PYTHON PyCharm IDE Django framework, PHP PhpStorm IDE Zend framework WEBB APPS		WEB APP Papers Summary (1 Page) (BB Assignment & Hardcopy)	Online Synchronous - TEAMS
03.03.2021 (W 2:30 to 4) (13)		 Lecture 4: Estimating and Planning Tutorials 4 COCOMO and MS Project		Estimating and Planning Papers Summary (1 Page) (BB Assignment & Hardcopy)	Online Synchronous - TEAMS
03.08.2021 (M 2:30 to 4) (14)		EXAM 2 REVIEW	Download ZyBook: Sections 6-9		Online Synchronous - TEAMS
03.10.2021 (W 2:30 to 4) (15)					EXAM 2 (BB – 70%) (ZyBook – 30%) Online Synchronous - TEAMS
03.22.2021 (M 2:30 to 4) (16)	NO CLASS Requirements: 1. Why Software Projects Fail 2015.pdf 2. The Why What who When and How of Software Requirements 2015.pdf	WEB TECHNOLOGIES	Start ZyBook: Sections 10-11		

03.24.2021 (W 2:30 to 4) (17)		No Class			We will be in TEAMS to answer questions on the Set 3 topics.
03.29.2021 (M 2:30 to 4) (18)	Analysis: 1. Semi-Formal and Formal Specification Techniques for Software Systems.pdf	Lecture 5: Requirements		Web Applications (BB Assignment) Requirements Papers Summary (1 Page) (BB Assignment)	Online Synchronous - TEAMS
03.31.2021 (W 2:30 to 4) (19)		Lecture 6: WHAT - Analysis		Analysis Papers Summary (1 Page) (BB Assignment)	Online Synchronous - TEAMS
04.05.2021 (M 2:30 to 4) (20)		Lecture 7: HOW - Design Tutorial 5 ERD to Relational			Online Synchronous - TEAMS
04.07.2021 (W 2:30 to 4) (21)		EXAM 3 REVIEW	Download ZyBook: Sections 10-11		Online Synchronous - TEAMS
04.12.2021 (M 2:30 to 4) (22)					EXAM 3 (BB) Online Synchronous - TEAMS

04.14.2021 (W 2:30 to 4) (23)		 WEB TECHNOLOGIES	Start ZyBook: Sections 12-14		Online Synchronous - TEAMS
04.19.2021 (M 2:30 to 4) (24)		 Lecture 8: Implementation		ERD to Relational (BB Assignment)	Online Synchronous - TEAMS
04.21.2021 (W 2:30 to 4) (25)		No Class			We will be in TEAMS to answer questions on the Set 4 topics.
04.26.2021 (M 2:30 to 4) (26)		 Lecture 9: Testing Tutorial 6 TDD			Online Synchronous - TEAMS
04.28.2021 (W 2:30 to 4) (27)		EXAM 4 REVIEW	Download ZyBook: Sections 12-14		Online Synchronous - TEAMS
05.03.2021 (M 2:30 to 4) (28) LAST CLASS					EXAM 4 (BB) Online Synchronous - TEAMS

BB Assessments

