

# 942-Software Engineering 2 (SE2), Tentative Schedule

## University of Bonab-Computer Engineering Department-Gholamali Nejad Hajali Irani

Week	Date	Session	Subject
1	11 Bahman	1	Course Overview (Course Principles, Syllabus, Projects, Grading Policy...)
	13 Bahman	2	Overview on Software Engineering 1 and Database (my SE1, OOD and DB syllabus in previous terms)
2	18 Bahman	3	Enterprise Architecture- <u>Business View</u> (Concepts, Zachman Framework, Architectures...)
	20 Bahman	4	Enterprise Architecture- <u>Software View</u> (Enterprise Software, Service Orientation, Event Processing...)
3	25 Bahman	5	Software Systems Categories - Information Systems (ERP, University, Portals, CMS...)
	27 Bahman	6	Software Company Structure, Project Management Team, Software Architecture Team
4	2 Esfand	7	Requirements, Quality Attributes, Software Architecture
	4 Esfand		<b>Seminars:</b> Agile Software Development, Scrum
5	9 Esfand	8	Software Architecture Definition, Architecture vs. Methodology, Architectural Patterns-Styles
	11 Esfand		<b>Seminars:</b> SVN, Git
6	16 Esfand	9	Software Patterns, Components, Frameworks
	18 Esfand		<b>Seminars:</b> Hadoop, JSON Processing in Java
7	23 Esfand		<b>Seminars:</b> Java Game Development, Grails
	25 Esfand	10	Clean Architecture (Robert C. Martin Conference)
8	15 Farvardin	11	Enterprise Software Architecture Design (ESAD) – Steps, Teams (for each Software Category)
	17 Farvardin		<b>Seminars:</b> Web Socket, Wicket, Angular JS, React JS
9	22 Farvardin	12	(ESAD): Methodology Selection, Customization, Design !!! (for each Software Category)
	24 Farvardin		<b>Seminars:</b> Java Apps Security, Spring Framework
10	29 Farvardin	13	(ESAD): Framework and Tools Selection, Customization, Design !!! (for each Software Category)
	31 Farvardin		<b>Seminars:</b> Java EE 7 Framework (Team1), Jasper Report, BIRT
11	5 Ordibehesht	14	(ESAD): Core – Software Architecture Team, Activities
	7 Ordibehesht		<b>Seminars:</b> Java EE 7 Framework (Team2), JMS
12	12 Ordibehesht	15	(ESAD): Software Architecture Guideline, Rules, Principles, Standards
	14 Ordibehesht		<b>Seminars:</b> CAS, Spring Security
13	19 Ordibehesht	16	(ESAD): Core – Common Components and Modules
	21 Ordibehesht		<b>Seminars:</b> jBPM, Bonita BPM Suite
14	26 Ordibehesht	17	(ESAD): Business Logic – Common Components and Modules
	28 Ordibehesht		<b>Seminars:</b> SOA Patterns
15	2 Khordad	18	(ESAD): UI – Common Components and Modules
	4 Khordad		<b>Seminars:</b> remaining seminars !!!
16	9 Khordad 11 Khordad		Final Exam and Final Project Guidelines