



Course Name	System Analysis and Design
Prerequisite course	Database
Corequisite course	
References	<ol style="list-style-type: none">1. I. Sommerville, "Software Engineering", 10th Edition, Pearson, 2016.2. R. Miles and K. Hamilton, "Learning UML 2.0", O'Reilly, 2006.3. The Definitive Guide to OKRs, 2018.
Course instructor	Dr. Mohammad Mahdi Esnaashari Esfahani
Syllabus	<ol style="list-style-type: none">1. Software engineering fundamentals and ethics2. Software process models3. Agile software development4. Requirement engineering5. System Modeling<ul style="list-style-type: none">o UMLo BPMN6. Architectural Design7. Design and implementation8. Testing9. Software evolution