

Content

Course Code	Course Name	Semester	Theory	Practice	Lab	Credit	ECTS
IT 515	Agile System Design	1	4	0	0	3	8

Prerequisites	
Admission Requirements	

Language of Instruction	
Course Type	
Course Level	Masters Degree
Objective	
Content	
References	

Theory Topics

Week	Weekly Contents
1	Introduction to agile product development methodology
2	Conceptual design using personas and user stories
3	Requirement analysis and determining user scenarios
4	Technical design approaches - UML
5	Design applications
6	Midterm
7	Planning and determining agile iterations
8	Planning and realization of iteration tests
9	Determining and managing agile teams
10	Agile decision-making
11	Project presentations