

<b>Course title</b>	<b>Code</b>	<b>semester</b>	<b>T+U</b>	<b>credit</b>	<b>ECTS</b>
Web Programming 1		3	3+0	3	4
<b>Prerequisite Courses</b>	None				
<b>Language of the Course</b>	English				
<b>Course Level</b>	Undergraduate				
<b>Type of Course</b>	Optional				
<b>Course Coordinator</b>					
<b>Instructors</b>					
<b>Course Assistants</b>					
<b>The aim of lesson</b>	It is aimed to gain the ability to choose and apply markup language, style sheet language and scripting language for the presentation of information on web pages. It is expected that he will gain the ability to develop dynamic web applications consisting of multiple Web forms running on the database using ASP.NET.				
<b>Course Content</b>	Internet and the World Wide Web. Overview of .NET platforms. Object-oriented concepts in C#. Databases and data access. Introduction to ASP.NET . Advanced web forms.				
<b>Course Learning Outcomes</b>	<p>Students who successfully complete this course;</p> <ol style="list-style-type: none"> <li>1. Will be able to build scalable web applications using popular frameworks such as Actix , Rocket and Iron .</li> <li>2. front-end components that can be added to multiple views .</li> <li>3. Will be able to develop dynamic web applications consisting of multiple Web forms running on the database using ASP.NET.</li> </ol>				
<b>Weeks</b>	<b>Topics</b>				
one	General introduction, objectives of the course				
2	Web design technologies (HTML, CSS, JavaScript ).				
3	Web design technologies (HTML, CSS, JavaScript ).				
4	Web servers ( Apache and IIS)				
5	Web servers ( Apache and IIS)				
6	Data entry forms Development				
7	JWT authentication				
8	Web Application Development with ASP.NET with C#				
9	Web Application Development with ASP.NET with C#				
10	Web Application Development with C# ASP.NET ( Database concepts: SQL, LINQ, .NET Entity Framework)				
11th	Web Application Development with C# ASP.NET ( Database concepts: SQL, LINQ, .NET Entity Framework)				
12	Login, JWT and configuration modules for web applications				
13	Creating unit tests and functional API tests in Postman and Newman				
14	ASP.NET Core Identity				
15	Distribution ( Beep josh )				
<b>General Competencies</b>					
To be able to make web applications using the right web technologies.					
<b>resources</b>					
beep Joshi “ Beginning Database Programming Using ASP.NET Core 3” With MVC, Razor Pages , Web API, jQuery , Angular , SQL Server, and NoSQL , apress,2019, ISBN: 9781484255087.					
<b>Evaluation System</b>					

To be able to research and learn about any given software engineering technical concept in the most accurate way.

<b>WITH PROGRAM LEARNING OUTCOMES COURSE LEARNING OUTCOMES RELATIONSHIP TABLE</b>											
	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>
<b>LO1</b>	3	5	5	5	4	4	4	5	5	4	4
<b>LO2</b>	4	4	4	5	5	3	3	3	5	4	5
<b>LO3</b>	5	5	5	4	5	3	5	4	3	3	3
<b>LO: Learning Outcomes OP: Program Outcomes</b>											
<b>Contribution Level</b>	<b>1 Very Low</b>		<b>2 Low</b>		<b>3 Medium</b>		<b>4 High</b>		<b>5 Very High</b>		

**Relation of Program Outcomes and Related Course**

	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>	<b>PO11</b>
<b>Introduction to Software Engineering</b>	4	5	5	5	5	3	4	4	4	4	4