Course Syllabus

Code - Course Title	**BTÖ342 - Web Based Programming**
Course Type	VI. SEMESTER
Laboratory + Practice	2+2
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses

Mode of Delivery	The mode of delivery of this course is face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	N/A
Recommended Resources	N/A
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Editors used for Internet programming and program development environments	
Week - 2		HTML and HTML5 web page design	
Week - 3		Cascading Style Sheets (CSS) and build dynamic web page (javascript)	
Week - 4		Installing of Webserver, adjusting Webserver according to programming language (asp, php, .net, jsp, etc.)	
Week - 5		Introduction to programming, variables, constants, serials	
Week - 6		Functions in programming (string, numeric, logical, date, etc.)	
Week - 7		Flow control expressions (if, switch, case, etc.) and their use.	
Week - 8		Program loop expressions and their use (do-while, for, loop, etc.)	
Week - 9		Server and environment variables and their use	
Week - 10		Cookies in Internet programming and their use	
Week - 11		Sending HTTP requests and responds via Internet	
Week - 12		Connecting to database in Internet and carriying out operations	
Week - 13		Listing, sorting and altering data located in databases	
Week - 14		Developing an educational dynamic Internet application	

Learning Outcomes

#	Learning Outcome
1	Will be able to recognize client-based and server-based applications.
2	Will be able to install a web server which can manage client-based applications and database.
3	Will be able to develop client-based database applications.

Sustainable Development Goals

No content has been provided.

Course Theme

No content has been provided.

AKTS Workload

Activity	Duration (Hour)	Count	Workload
Teorik Derse Katılım	0	0	0
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	0	0	0
Ödevler	0	0	0
Proje - Rapor - Sunum Hazırlama	0	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	0	0	0
Final Sınavı Hazırlığı (sınav süresi dahil)	0	0	0
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	0	0	0
Staj Uygulaması	0	0	0
		Calculated ECTS	**0**

Assessment Method and Passing Requirements

No content has been provided.