Course Syllabus

Code - Course Title	**BTÖ230 - Teaching Programming in Primary Education**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	Türkçe
Course Type	Required Courses

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	There is no recommended optional programme component for this course
Recommended Resources	Recommended reading: https://scratch.mit.edu/, https://blockly-games.appspot.com/, http://f.eba.gov.tr/Kaynak/alice/

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Game and drama method	
Week - 2		Game development	
Week - 3		Drama application development	
Week - 4		Block-based application tools	
Week - 5		Recognition of block based application environment	
Week - 6		Stage window, stage editor, code editor	
Week - 7		Motion, control, appearance and detection	
Week - 8		Sound, pen, operators and variables	
Week - 9		Developing a block based sample application I	
Week - 10		Developing a block based sample application II	
Week - 11		Mobile application study and design principles	
Week - 12		Introduction to game applications	
Week - 13		Basic data base in mobile applications	
Week - 14		Programming skills methods and approaches	

Learning Outcomes

#	Learning Outcome
1	Explain the teaching of programming with game and drama method.
2	Develop a sample game for programming instruction.
3	Develop a sample drama application for programming instruction.
4	Develop programming instruction with block-based tools.
5	Develop a block based sample application for programming instruction.
6	Describe mobile application work and design principles.
7	Improve gaming practices.
8	Describe basic database operations in mobile applications.
9	Explain the methods and approaches that can be used to evaluate programming skills.

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.