Course Syllabus

Code - Course Title	**BİL811 - Computer Laboratory**
Course Type	III. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
Language of Instruction	İngilizce
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	There is no recommended optional programme component for this course.
Work Placement	N/A

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Items of Microsoft Excel Software, Data Entry and Cell Operations	
Week - 2		Regression Analysis Applications with Using Formula in Microsoft Excel	
Week - 3		Regression Analysis Applications with Using Function Microsoft Excel	
Week - 4		Using Data Analysis Module	
Week - 5		Chart Operations	
Week - 6		Correlation Analysis Applications with Using Formula in Microsoft Excel	
Week - 7		CorrelationAnalysis Applications with Using Function Microsoft Excel	
Week - 8		Advanced correlation analysis applications.	
Week - 9		Multivariate correlation: matrix representation.	
Week - 10		Applications of Equality of Matrix, Transpose of Matrix and Symmetric Matrix with Microsoft Excel	
Week - 11		Applications of Antisymmetric Matrix, Matrix Addition and Difference Matrix with Microsoft Excel	
Week - 12		Applications of Matrix Multiplication and Inverse Matrix with Microsoft Excel	
Week - 13		Solve the Linear Equation System by Using Matrix with Microsoft Excel	
Week - 14		Solve the Linear Equation System by Using Determinant with Microsoft Excel	

Learning Outcomes

#	Learning Outcome
1	apply regression analysis by using Microsoft Excel
2	apply matrix operations
3	solve linear equation system with Microsoft Excel

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.