Course Syllabus

Code - Course Title	**İST206 - Statistics II**
Course Type	IV. SEMESTER
Laboratory + Practice	3+0
ECTS	**5.0**
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	STAT 205 Statistics I course is recommended for Students taking this course
Recommended Resources	Atlas, M., İstatistik II Çözümlü Örnekler, 2013, Eskişehir İstatistik II, Şıklar, E. Özdemir, A., Editörler, 2013, T.C. Anadolu Üniversitesi Yayını No: 2806, Açıköğretim Fakültesi Yayını No: 1764Çömlekçi, N., 2013, Temel İstatistik İlke ve Teknikleri, Nisan Kitabevi,
Work Placement	Internship is not suitable for this course.

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Sampling theory	
Week - 2		Sampling distributions	
Week - 3		Statistical estimation	
Week - 4		hypothesis testing	
Week - 5		hypothesis testing	
Week - 6		Student's T Distribution 1	
Week - 7		Student's T Distribution 2	
Week - 8		Chi-square dstribution	
Week - 9		Chi-square testing	
Week - 10		Regression and correlation analysis 1	
Week - 11		Regression and correlation analysis 2	
Week - 12		Time series analysis	
Week - 13		Indexes	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 14		Indexes	

Learning Outcomes

#	Learning Outcome
1	list the phases of sampling process
2	describe statistical estimation
3	describe and test the statistical hypothesis
4	calculate the coefficient of linear regression

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.