Course Syllabus

Code - Course Title	**İST201U - Statistics I**
Course Type	III. SEMESTER
Laboratory + Practice	0+0
ECTS	**6.0**
Language of Instruction	Türkçe
Course Type	Required Courses
Course Instructor(s)	PROF. DR. ALİ ÖZDEMİR

Mode of Delivery	Distance Education
Prerequisites	There is no prerequisite or co-requisite for this course.
Courses Recomended	Marhematic I and II
Recommended Resources	T.C. ANADOLU ÜNİVERSİTESİ YAYINI NO: 2608 AÇIKÖĞRETİM FAKÜLTESİ YAYINI NO: 1576 (AÖF KİTABI) Atlas, Mahmut., 6 Baskı, İSTATİSİTK I, Sözkesen Matbaacılık, Eskişehir, 2019.Gürsakal, Necmi., BETİMSEL İSTATİSİTK, Dora Yayınları, Bursa 2010.İşletme ve İktisat için İstatistik. Paul Newbold, 4. basımdan çeviren Ümit Şenesen. Literatür Yayınları.İşletme İstatistiğinin Temelleri. Bruce l. Bowerman, Richard T. O\\\\\\\'Connel, Emily S. Murphree, James B. Orris, 4. basımdan çeviri, Çeviri editörü: Neyran Orhunbilge. Nobel Yayınları.
Work Placement	Internship is not suitable for this course

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1		Basic Concepts of Statistik	
Week - 2		Statistics Distribution and Graphical presentation of distributions	
Week - 3		Central Tendency and Measures of Variability: Means	
Week - 4		Central Tendency and Measures of Variability: Standard deviation and modified ranges	
Week - 5		Probability I: Basic Probability I	
Week - 6		Probability I: Probability calculation	
Week - 7		Midterm Exam	
Week - 8		Prabability II: Conditional probability and multiplication rule	
Week - 9		Probability II: Collection rule	
Week - 10		Discrete Random Variables and Some Discrete Distributions: Binom distribution	
Week - 11		Discrete Random Variables and Some Discrete Distributions: Poisson distribution	
Week - 12		Continuous Random Variables and Probability Distributions: Uniform uniform distribution	

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 13		Continuous Random Variables and Probability Distributions: Normal distribution	
Week - 14		Final Exam	

Learning Outcomes

#	Learning Outcome
1	Collect and list data
2	Calculate descriptive measures
3	Probability calculate
4	Use prrobability distribution
5	Probability calculate: use binom and poisson distributons
6	Probability calculate: use uniform and normal distributions

Sustainable Development Goals

✓ Quality Education

Course Theme

✓ Data Science

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.

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
1.Midterm Exam	1	30

Assessment Method and Passing Requirements	Quamtity	Percentage (%)
Final Exam	1	70
	Sum (%)	**100**