Course Syllabus

Code - Course Title	**RHİ633 - Advanced Analysis and Reporting I**
Course Type	I. SEMESTER
Laboratory + Practice	3+0
ECTS	**7.5**
Language of Instruction	Türkçe
Course Type	Elective Courses
Course Instructor(s)	PROF. DR. NEVZAT BİLGE İSPİR

Mode of Delivery	Face to face
Prerequisites	There is no prerequisite or co-requisite for this course
Courses Recomended	There is no recommended optional program component
Recommended Resources	Karagöz Yalçın, (2016) SPSS ve Amos 23 Uygulamalı İstatistiksel Teknikler, NobelJulie Pallant (2015) SPSS Survival Manual, McGraw HillKalaycı Şeref (2010) SPSS uygulamalı çok değişkenli istatistik teknikler

Course Syllabus

Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 1	**LO-1**	Basic Concepts: Variable, Measurement and Scale	Lecture, Question & Answer, Discussion, Demonstration and Practice
Week - 2	**LO-1**	Measures of Central Tendency; Creating SPSS Data File	Lecture, Question & Answer, Discussion, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 3	**LO-2**	Reliability Analysis; Frequency Distribution and Graphs	Lecture, Question & Answer, Discussion, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 4	**LO-2**	Hypothesis Concept: Type of Hypothesis, Type I and Type II Errors, Hypothesis Testing Procedure	Lecture, Question & Answer, Discussion, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 5	**LO-2**	T-Test	Lecture, Question & Answer, Discussion, Practice/Practical Work/Workshop

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Weeks	Learning Outcomes	Topics	Teaching Methods
Week - 6	LO-2	One Way ANOVA	Lecture, Question & Answer, Discussion, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 7	LO-2	Two Way ANOVA	Lecture, Discussion, Practice/Practical Work/Workshop
Week - 8	LO-2	One Way MANOVA	Lecture, Question & Answer, Discussion, Practice/Practical Work/Workshop
Week - 9	LO-2	Two Way MANOVA	Lecture, Question & Answer, Discussion, Practice/Practical Work/Workshop
Week - 10	LO-2	Correlation and Regression	Lecture, Question & Answer, Discussion, Practice/Practical Work/Workshop
Week - 11	LO-2	Linear Regression	Lecture, Question & Answer, Discussion
Week - 12	LO-2	Multiple Regression	Lecture, Question & Answer, Discussion, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 13	LO-2	Factor Analysis.	Lecture, Question & Answer, Discussion, Demonstration and Practice, Practice/Practical Work/Workshop
Week - 14	LO-2	Factor Analysis.	Lecture, Question & Answer, Discussion, Demonstration and Practice, Practice/Practical Work/Workshop

Learning Outcomes

#	Learning Outcome

Learning Outcomes

#	Learning Outcome
1	will be able prepare SPSS data file
2	conduct parametric tests

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	3.00	14	42
Sınıf Dışı Çalışma (Ön Hazırlık & Pekiştirme Amaçlı)	3.00	14	42
Ödevler	3.00	14	42
Proje - Rapor - Sunum Hazırlama	0.00	0	0
Ara Sınav Hazırlığı (sınav süresi dahil)	10.00	1	10
Final Sınavı Hazırlığı (sınav süresi dahil)	10.00	1	10
Uygulama (Laboratuvar, Müzik/Enstrüman Uygulaması, Atölye/Saha Çalışması vb.)	3.00	14	42
Staj Uygulaması	0.00	0	0
		Calculated ECTS	**7.5**

Assessment Method and Passing Requirements

No content has been provided.