Меѓународен Универзитет Визион - International Vision University
Universiteti Ndërkombëtar Vizion - Uluslararası Vizyon Üniversitesi

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SYLLABUS

COURSE NAME	COURSE CODE	SEMESTER	COURSE LOAD	ECTS
COMPUTER DATA PROCESSING	PSY3003	V	210	7

Prerequisite(s)	None

Course Language	Macedonian, Turkish, English
Course Type	Required
Course Level	First Cycle
Course Lecturer	
Course Assistants	
Classroom	
Extra-Curricular Office Hours and Location	**Meeting:** **Consultancy:**

Course Objectives	To facilitate students in utilizing SPSS for data entry, enhancing computer-based data analysis skills, and proficiently interpreting the resulting outcomes. This will empower them to make informed decisions based on their data analyses and equip them with valuable statistical knowledge, which is essential for academic and professional growth. Additionally, these skills will prove invaluable in conducting meaningful research and making data-driven decisions in various fields.
Course Contents	Preparation of data for computer processing. Computer data analysis. Correlations. Linear multiple regression. Analysis of variance. Factor analysis.

WEEKLY SUBJECTS AND RELATED PREPARATION STUDIES

Week	Subjects	Related Preparation
1	Designing a study (Pallant, Ch. 1), Preparing a codebook (Pallant, Ch. 2)	Related Chapters of Course Sources
2	Getting to know IBM SPSS (Pallant, Ch. 3), Creating a data file and entering data (Pallant, Ch. 4),	Related Chapters of Course Sources
3	Screening and cleaning the data (Pallant, Ch. 5)	Related Chapters of Course Sources
4	Descriptive statistics (Pallant, Ch. 6)	Related Chapters of Course Sources
5	Using graphs to describe and explore the data (Pallant, Ch. 7)	Related Chapters of Course Sources
6	Manipulating the data (Pallant, Ch. 8)	Related Chapters of Course Sources
7	Mid-term Exam	Related Chapters of Course Sources
8	Checking the reliability of a scale (Pallant, Ch. 9)	Related Chapters of Course Sources
9	Choosing the right statistic (Pallant, Ch. 10)	Related Chapters of Course Sources
10	Non-parametric statistics (Pallant, Ch. 16)	Related Chapters of Course Sources
11	T-tests (Pallant, Ch. 17)	Related Chapters of Course Sources
12	One-way analysis of variance (Pallant, Ch. 18)	Related Chapters of Course Sources
13	Correlation (Pallant, Ch. 11)	Related Chapters of Course Sources
14	Project	Related Chapters of Course Sources
15	Exam	All Chapters of Course Sources

ECTS / WORKLOAD TABLE

Presentation / Seminar			
Hours for off-the-classroom study (Pre-study, practice)	14	3	42
Midterm Exam	1	12	12
Exam	1	14	14
Total Work Load			
ECTS	**7**		

GENERAL PRINCIPLE RELATED WITH COURSE

Dear students,

In order to be included, learn and achieve full success that you deserve in the courses you need to come well prepared by reading the basic and secondary textbooks. We are expecting from you carefully to obey to the course hours, not to interrupt the lessons unless is very indispensable, to be an active participant on the courses, easily to communicate with the other professor and classmates, and to be interactive by participating to the class discussions. In case of unethical behavior both in courses or on exams, will be acting in framework of the relevant regulations. The attendance of the students will be checked in the beginning, in the middle or at the end of the lessons. Throughout the semester the students who attend to all lectures will be given 15 activity-attendance points in addition to their exam grades.

LITERATURE

COMPULSORY LITERATURE				
No	**Author's Name**	**Name of the book**	**Publishing House**	**Publication Year**
1	Pallant, Julie.	SPSS Survival Manual [6th edition].	Open University Press.	2016
2	Ural Kılıç	Bilimsel Araştırma Süreci veSPSS ile Veri Analizi	Detay	2005
3	Николоски. Т	Напредни Статистички Методи за Психолози	Филозофски Факултет	1987

ADDITIONAL LITERATURE				
No	**Author's Name**	**Name of the book**	**Publishing House**	**Publication Year**
1	Николоски. Т	Статистика во Психологијата	Филозофски Факултет	2001
2	Siyez, D.M	Kaynak Tarama ve Rapor Yazma	Pegem Akademi	2013
3	Noack, Andrea M.	Social Statistics in Action: A Canadian Introduction.	Oxford University Press.	2018

EVALUATION SYSTEM

Underlying the Assessment Studies	NUMBER	PERCENTAGE OF GRADE
Attendance/Participation	15	%20
Project / Event	1	%10
Mid-Term Exam	1	%35
Mid-Term Exam	1	%35
TOTAL	**17**	**%100**

ETHICAL CODE OF THE UNIVERSITY

In case of the students are cheating or attempt to cheat on exams, and in the case of not to reference the sources used in seminar studies, assignments, projects and presentations, in accordance to the legislations of the Ministry of Education and Science of Republic of Macedonia and International Vision University, will be applied the relevant disciplinary rules. International Vision University students are expected never to attempt to this kind of behavior.