



AYDIN ADNAN MENDERES UNIVERSITY
ATÇA VOCATIONAL SCHOOL
ECONOMICS AND ADMINISTRATIVE PROGRAMS
PUBLIC RELATIONS
COURSE INFORMATION FORM

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|--|--|----------|------------|--------------|---|----------------------------------|---|------------|---|
| Course Title | Statistics | | | | | | | | |
| Course Code | BYP219 | | | Course Level | | Short Cycle (Associate's Degree) | | | |
| ECTS Credit | 2 | Workload | 44 (Hours) | Theory | 2 | Practice | 0 | Laboratory | 0 |
| Objectives of the Course | The aim of this course, students using statistical analysis packages that you don't give the information and basic statistics is to inform students about the principles. | | | | | | | | |
| Course Content | With regard to social service science data collection, summarizing the specific purposes of this data, to analyze and interpret the covering and thus accurate decisions based on the data to be followed on a method. | | | | | | | | |
| Work Placement | N/A | | | | | | | | |
| Planned Learning Activities and Teaching Methods | Explanation (Presentation), Demonstration, Individual Study | | | | | | | | |
| Name of Lecturer(s) | | | | | | | | | |

Assessment Methods and Criteria

| Method | Quantity | Percentage (%) |
|---------------------|----------|----------------|
| Midterm Examination | 1 | 40 |
| Final Examination | 1 | 60 |

Recommended or Required Reading

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| 1 | ASTIN Sarkar, applied statistics, Ezgi Bookstore, 6. , Turkey, 2010. |
| 2 | Burhan CIL, Statistics, details publishing, 6. Printing, Ankara, Turkey, 2008. |
| 3 | Neyra and Oji wise, ' Sampling Methods and hypothesis testing ', Avciol publishing, İstanbul, 2008. |
| 4 | Kazim OLIPHANT, ' SPSS with Biostatistics ', K, K Bookstore, Eskisehir, 1999. |

| Week | Weekly Detailed Course Contents | |
|------|---------------------------------|--|
| 1 | Theoretical | Introduction to statistics |
| 2 | Theoretical | The descriptive statistics |
| 3 | Theoretical | Frequency tables |
| 4 | Theoretical | Cross-table, one-and two-variable graphics |
| 5 | Theoretical | Sampling method and sampling size |
| 6 | Theoretical | Sample of Dist. 3-estimation |
| 7 | Theoretical | The importance of the difference between two rate control |
| 8 | Intermediate Exam | Midterm Exam |
| 9 | Theoretical | The importance of the difference between two average control |
| 10 | Theoretical | Saad square analysis |
| 11 | Theoretical | Comparison of more than two group (variance analysis) |
| 12 | Theoretical | Comparison of more than two group (variance analysis) |
| 13 | Theoretical | Correlation analysis |
| 14 | Theoretical | Regression analysis |
| 15 | Theoretical | Regression analysis |

Workload Calculation

| Activity | Quantity | Preparation | Duration | Total Workload |
|---------------------------------------|----------|-------------|----------|----------------|
| Lecture - Theory | 14 | 0 | 1 | 14 |
| Midterm Examination | 1 | 10 | 1 | 11 |
| Final Examination | 1 | 18 | 1 | 19 |
| Total Workload (Hours) | | | | 44 |
| [Total Workload (Hours) / 25*] = ECTS | | | | 2 |

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

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|---|---|
| 1 | Describes basic statistical concepts. |
| 2 | How the experiment will be designed and how to do determines the framework of control hypothesis. |
| 3 | Comparison of two or more group describes the method to be used. |
| 4 | Defines a correlation and regression calculations. |
| 5 | Prepare tables and charts. |
| 6 | Uses computer programs for statistical purposes. |

