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| Description: logo | **ÇANKAYA UNIVERSITY**  **Faculty of …/ Department of… / …Vocational School… /Graduate School of… /** **Syllabus** |

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| **Department** | **International Trade and Finance** | | | | | | |
| **Course Code &**  **Course Name** | **INTT 103: Economic Statistics and Indicators** | | | | | | |
| **Number of Weekly Lecture Hours** | **3** | **Weekly Lab/Tutorial Hours** | **0** | **Number of Credit Hours** | **3** | **ECTS Credit** | **6 ECTS** |
| **Academic Year** | **2023-2024** | | | | | | |
| **Semester** | **Fall** | | | | | | |
| **Instructor** | **Prof. Dr. Dilek Temiz** | | | | | | |
| **E-mail** | **dilektemiz@cankaya.edu.tr** | | | | | | |
| **Room &Phone** | **Room: K/214 Phone: 233 12 15** | | | | | | |
| **Lecture Hours** | **Thursday: 09:20-12:10** | | | | | | |
| **Office Hour** |  | | | | | | |
| **Course Web Site** | **https://intt103.cankaya.edu.tr/** | | | | | | |

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| **Course Description** |
| This course is to provide students with the necessary toolkit to analyze and extract information from economic indicators and statistics. We will concentrate on economic indicators to include fiscal, monetary and trade (i.e, the balance of payment accounts, exchanges rates etc.) indicators in this course. The aim of this course is to give you a theoretical understanding of the ideas behind data analysis in economics. This lecture is intended to provide the basis for a broad understanding of economic indicators and statistics. Students are expected to demonstrate: Understanding of the main concepts, indicators and statistics employed within the field of economics; ability to understand and interpret economic information presented in textual, numerical or graphical form, select and apply economic concepts and principles to explain and analyze contemporary events at the micro and macro levels, make interpretations and valid inferences from information presented and evaluate the reliability of information given, organize and communicate economic ideas and arguments in a clear, logical and appropriate form. |

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| **Prerequisites**  (if any) | 1st   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | | 2nd   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | | | 3rd   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | | 4th   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |
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| Consent of the Instructor | |  | Give others, if any. | |
| **Co-requisites**  (if any) | 1st   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | | 2nd   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | | | 3rd   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | | 4th   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |
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| **Course Type** | Must course for dept.  Must course for other dept.(s)  Elective course for dept.  Elective course for other dept.(s) | | | | |

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| **Course Objectives** |
| Students are expected to demonstrate:  1. Understanding of the main concepts, indicators and statistics employed within the field of economics.  2. Ability to  a. understand and interpret economic information presented in textual, numerical or graphical form  b. select and apply economic concepts and principles to explain and analyze contemporary events at the micro and macro levels  c. make interpretations and valid inferences from information presented and evaluate the reliability of information given  d. organizes and communicate economic ideas and arguments in a clear, logical and appropriate form. |

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| **Course Outline** | |
| Week | Topic(s) |
| 1 | Introduction, Secondary data collection |
| 2 | Entering, Classifying and Comparing Data |
| 3 | Range, Width, min-max Values and Graphs |
| 4 | Graphs and Slopes |
| 5 | Using Descriptive Statistics in Business and Economics |
| 6 | Variations |
| 7 | **Mid-term Examination** |
| 8 | Index Numbers |
| 9 | Simple Linear Regression |
| 10 | The Balance of Payments |
| 11 | The Foreign Exchange Market |
| 12 | Technology Indicators of Turkey |
| 13 | **Presentations** |
| 14 | **Presentations** |

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| **Grading Policy** | | | | | | | | |
| Assesment Tool | Quantity | Percentage | Assessment Tool | Quantity | Percentage | Assessment Tool | Quantity | Percentage |
| Homework |  | Bonus | Case Study |  |  | Attendance |  | Bonus |
| Quiz | 2 | 10% | Lab Work |  | Bonus | Field Study |  |  |
| Midterm Exam | 1 | 30% | Class Participation |  | Bonus | Project |  |  |
| Term Paper | 1 | 20%  (Term Paper+Oral Presentation) |  |  |  | Final Exam | 1 | 40% |

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| **Textbook**(s) | | | | |
| Author(s) | Title | Publisher | Publication Year | ISBN |
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| **Reference Book**s | | | | |
| Author(s) | Title | Publisher | Publication Year | ISBN |
| Lind, Douglas A., Marchal William D., Wathen, Samuel A. | Basic Statistics for Business and Economics | Mcgraw-Hill/Irwin Series Business Statistics | 2007 | 978-0077230968 |
| Çepni, E. | Ekonomik Göstergeler ve İstatistikler Rehberi | Seçkin Yayıncılık | 2010 | 978-9750213809 |
| Nakip, M. | Pazarlamada Araştırma Teknikleri, Üçüncü Baskı | Seçkin Yayın Evi | 2013 | 9789750223280 |
| FLOYD J.E. | Statistics for economists: A beginning | University of Toronto | 2010 | Available at: https:// www.economics.utoronto.ca/jfloyd/stats/ecs10.pdf. |

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| **Teaching Policy** |
| A primary objective in teaching this class is to engage students in active learning and critical thinking about economic indicators and statistics. The primary method of teaching will likely stress interactive lecture and class discussion. A climate of inquiry and dialogue is encouraged between students and teachers and among students. A lot of the basic material that you will be responsible for will be presented in lecture and is material that is not explicitly in the readings, so class attendance is imperative. Class time will be devoted lectures and discussions. I will ask a lot of questions and will sometimes offer extra credit for correct answers. I strongly recommend to all students to read often one or several of these papers, The New York Times, The Financial Timesetc.We will spend a few moments each class period discussing the major topics of the day. |

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| **Laboratory, Studio and Court Hall Usage** |
| The course will be taught in a laboratory environment. |

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| **Computer Usage** |
| Especially, the first 7 weeks of the course requires a laboratory environment for computer applications. SPSS and Eviews are taught at beginner level. |

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| **Learning Outcomes** |
| 1. Students will be familiar with economic indicators, data types, and sources.  2. Gain data presentation and analytical skills  3. Some basic information about classification of the statistical variables and statistical methods  4. Calculating and using descriptive statistics in economics and business  5. Using SPSS and EViews in calculating descriptive statistics  6. Using SPSS and EViews to draw statistical graphs  7. How to use or calculate ındex numbers in economical data base  8. How to use regression analysis in economics and business sciences by using SPSS and EViews  9. How to use correlation analysis in economics and business sciences by SPSS and EViews |