

**T.C.**  
**YALOVA UNIVERSITY**  
**FACULTY OF ECONOMICS AND ADMINISTRATIVE SCIENCES**  
**DEPARTMENT OF INTERNATIONAL RELATIONS**

<b>Course Name / Code</b>	Statistics/CIR.217
<b>Instructor</b>	Muttalip Ergun TURGAY (Assistant Professor)
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#### Aim of the Course

Main focusings are to basic terms in statistics science, besides to get about probabilistic events, too. The student learn to use and analysis data, by these can calculate mean, deviations and similar parameters.

#### Learning Outputs

To learn about meanings of parameters like deviation, average, etc. Besides can drive figures like histogram, frequency polygon, bar charts, etc..

#### Weekly Course Schedule

Week	Topics
1	Introduction
2	Mean, Mod, Median
3	Permutation
4	Combination
5	Pie diagrams and Pictograms
6	Tally Diagram
7	Standard Deviation
8	Frequency Polygon (due to mid point values)
9	Midterm exam
10	Frequency Polygon (upper class boundary values)
11	Distributions
12	Binomial
13	Poisson
14	Nominal

#### Evaluation Methods and Tools

Examinations will cover materials presented in the class such as classroom discussions, assignments, face to face solutions, participation in class by the students. Additional information provided and mentioned by the instructor during the courses can also be asked in examinations.

Unless announced otherwise, there will be a Midterm Exam, and a Final Exam. The grading will be:

- Midterm: 40 %
- Final Exam: 60 %
- Class attendance and participations during the lecture will be considered positively in the overall evaluation.

#### Course Materials

Book: Engineering Mathematics, John Bird.

### Method

The instructor can take advantage of methods such as classroom discussions, assignments, class participation, problem solvings all together, face to face discussions.

### Class Participation

- Students will improve their learning process by asking questions to better understand the concepts.
- Brainstorming, discussing with the instructor and classmates as a part of class participation are also ideal for effective learning. By the help of these activities, students will have a much better grasp of theories, principles and topics.
- The instructor can also lead students solving problems and providing ideas, insights and viewpoints for specific issues in order to accelerate the active learning.
- Success in the course depends on attending courses and following the class carefully.
- No cell phone is allowed during the class.
- You can not record voice and vision at the class

### Attendance Procedures

- According to regulations, course attendance is obligatory. Students have to attend 70% of theoretical courses, 80% of practice, laboratory, workshop and studio works.
- Attendance is a significant and serious indicator of success in the course. Students are responsible for arriving class on time, following the flow of courses carefully and remaining in the class until the end of session.
- Course contents are tightly related and sessions continue progressively. Thus, missing courses will negatively affect the overall achievement of students.

**Note:** In case you miss a class, please contact your instructor via e-mail and learn the contents mentioned in class. Also check if you have any assignments due for Statistics course. Even if you miss a class because of unexpected and involuntary reasons, make sure to cover the topics and catch up with your classmates. Late assignments are not accepted in general. The instructor will only accept late assignments if you have a special case.

**Reward and Motivation Policy for Good Attendance:** At the end of the term, instructor will check the attendance of all students in class. Students with highest attendance will be considered positively.

### Academic Dishonesty

Each student in the course is expected to abide by Academic Integrity. Academic dishonesty is against the laws and regulations of the university and thus will not be accepted. All students determined to be a part of verifiable issues of academic dishonesty (copying, cheating, plagiarism, etc.) will be considered to have demonstrated unethical behaviors and receive a grade of "F" for the class.

### Course Adjustments and Changes

The course syllabus is an overall guide for Statistics. Instructor reserves the right to make periodic and specific changes-adjustments to the syllabus, which can cover assignments, group projects, case studies, schedule, examinations, etc..