

**ISTANBUL TECHNICAL UNIVERSITY**  
**FACULTY OF SCIENCE AND LETTERS**  
**DEPARTMENT OF MATHEMATICS**

**MAT210E ENGINEERING MATHEMATICS**  
**2022-2023 FALL**

CRN	Instructor	Building	Day	Time	Classroom
14925		MDB MDB	Monday Tuesday	0830/1029 1130/1329	A202 B205
14926		MED MED	Monday Tuesday	1230/1429 1530/1729	A35 A35
14923	Fatma Zürcacı Yetiş	MDB MDB	Wednesday Thursday	0830/1029 1230/1429	B205 B205
11539		MKB MKB	Wednesday Thursday	1130/1329 0830/1029	D374 D374
14924	Fatma Zürcacı Yetiş	MDB MDB	Wednesday Thursday	1130/1329 0830/1029	A105 A105

**Text Book:** Differential Equations & Linear Algebra Third Edition, C.Henry Edwards; David E. Penney, Pearson International Education, 2011.

Week	Topics	<a href="#">Worksheets</a>
1	Matrices and Systems of Equations	
2	Matrices and Systems of Equations	1
3	Matrices and Systems of Equations, Vector Spaces	
4	Vector Spaces	2
5	First Order Differential Equations	
6	First Order Differential Equations	3
7	Higher Order Differential Equations	
8	Higher Order Differential Equations	4
9	Eigenvalues, Eigenvectors	
10	Eigenvalues, Eigenvectors	5
11	Linear Systems of Differential Equations	
12	Linear Systems of Differential Equations	6
13	Laplace Transform	
14	Laplace Transform	7

### Midterm and Final Exams

The exams will consist of 15 multiple choice questions. The score will be calculated by the number of correct answers. There will be no extra penalty for incorrect answers.

The exam dates will be published at [SIS](#).

Your exam location and list number will be announced one week before the exam.

Please regularly check [this page](#) as an unexpected change in the date or location of exam may occur.

## Attendance and Assessment of Grades

Midterm Exam I	30%
Midterm Exam II	30%
Final Exam	40%

70% attendance is required. Students who do not achieve 70% attendance can not enter the final exam and they receive a grade of **VF**. In addition, students who score less than 15 out of the total 60% awarded for the two midterm exams can not take the final exam and they receive a grade of **VF**. Furthermore, students with a total score below 40% for the course receive a grade of **FF**. The passing grade for the course is 40%. The other grades are determined by relative grading system.

*We wish you all a good semester.*