MAK1061 - BASIC COMPUTER SCIENCE

Instructor:

Asst. Prof. Dr. Merve ÖZTÜRK	
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Office: E1-4	**Office Hours:** Friday 13:00 – 15:00

Group, Day-Hour, Location of the Course: G6, Monday 16:00-18:50, Online

Textbook(s):

- "MATLAB An Introduction with Applications", Amos GILAT
- "MATLAB® for Engineers", Third Edition, Holly MOORE
- "Matlab Kılavuzu", Doç. Dr. Aslan İnan
- "Matlab - Uygulama & Çözümleri", Doç. Dr. Aslan İnan

Course Content:

Week	Subjects
#1	Introduction to the course.
#2	Introduction to Matlab. Phrases and Operations in Matlab.
#3	Arrays in Matlab (Vector, Matrix and Polynomials).
#4	Arrays in Matlab (Vector, Matrix and Polynomials).
#5	Graphics in Matlab.
#6	Graphics in Matlab. *Quiz-1*
#7	Introduction to Programming.
#8	Midterm
#9	Programming in Matlab.
#10	Programming in Matlab.
#11	Conditional Expressions in Matlab.
#12	Conditional Expressions in Matlab. *Quiz-2*
#13	Loops in Matlab.
#14	Loops in Matlab. *Make-up Exam*
#15	*Final Exam*

Exams and Assessment:

- Midterm Exam: 8th week
- Final exam: 15th week

Evaluation System:

- Quiz + Exercises   : 30% + 10%
- Midterm   : 20%
- Final   : 40%
- Total   : 100%

Participation in Class:

- For the student's grade to be evaluated, 70% attendance is mandatory.
- A student who cannot meet this requirement cannot attend classes or take exams from that week onwards. The grade is evaluated as F0.

Exercises:

- The Matlab file in which the exercises are performed during the course must sent to the instructor at the end of the course. The student must submit at least 70% of all exercise files to meet the attendance requirement.

Make-up Exam:

- Only students whose excuses are accepted by the Department Chair can take the make-up exam.