

## Midterm Exam information for EMÜ 102 Computer Aided Technical Drawing

Midterm Exam for Spring 2024-2025 Academic Year will take place as follows:

on Wednesday (May 07) for the branch of 01 at 13:40 and on Friday (May 09) for the branch of 02 at 09:40

The following equipment must be brought to the exam:

- for drawing on paper; ruler (in 30 cm length), set square (in both 30/60 and 45/45 degrees), hole template, protractor, compass, pencil and eraser
- for computer drawing; your own laptop  
(it must have a licensed AutoCAD program with at least the 2018 version installed)

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*Midterm Exam will be conducted in two steps:*

the first 70 minutes are dedicated to technical equipment-based drawing on paper (worth 65 points),  
and the next 30 minutes are allotted to computer-based drawing using AutoCAD (worth 35 points).

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***The following types of ask should be drawn on paper:***

*Question 1* (5 points):

Scaling the object to reduce

*Question 2* (20 points):

Projection the object(s) in 2D Epure plane

*Question 3* (30 points):

Drawing the object in American norm including the design description

*Question 4* (5 points):

Sectioning the sample object with 2D manner and hatching as indicated by the cutting plane

*Question 5* (5 points):

Commanding for drawing the object which has a specific angle of an oblique edge by performing the preliminary work

***The following types of ask should be drawn on the computer using AutoCAD:***

*Question 6* (35 points): Object A (10 points) + Object B (10 points) + Object C (15 points)

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