

İZMİR INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
ME402 ENGINEERING DESIGN
SPRING 2023-2024

COURSE INSTRUCTORS

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COURSE ASSISTANTS

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COURSE WEB SITE

MICROSOFT TEAMS CODE: **aijr392**

COURSE CONTENT

In this course, design project groups will be working on to accomplish their goals set in ME 401 course. The progress of the designs will be followed by presentations. All group members must attend these presentations. The details about the presentations and demonstrations will be announced on TEAMS. Each group should select a group leader, who would be the correspondent and responsible for uploading the presentations to TEAMS before the presentation day. The schedule of the presentations:

1. 27 February, Tuesday
2. 26 March, Tuesday
3. 30 April, Tuesday
4. 21 May, Tuesday
5. Final presentations and demonstrations, 2nd week of final exams

There will also be seminars to be given by Izmir Chamber of Mechanical Engineers on the topics of business law, occupational health and safety, environmental legislations and lean manufacturing. The students will be responsible for the contents of these seminars in the midterm exam (closed books and notes). Exam dates, hours and rooms will be announced by the department. Make-up examinations are offered only for the students who have a valid excuse approved by the department.

LENGTH OF PRESENTATIONS

Co-ops of 2: both should present max 10 min

Groups of 3: 3 people should present max 12 min

Groups of 4: 3 people should present max 12 min

Groups of 5: 4 people should present max 15 min

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GRADING

- Progress presentations: 25% (Graded as a group)
 - Midterm Examination: 15% (Graded individually)
 - Project Examination: 60% (Graded as a group)
- (Final presentation 10%; Final report 25%; Poster presentation 10%; Demonstration of designed projects 15%)

ACADEMIC ETHICS

All written submissions must reflect purely independent and individual efforts. All reference material (books, scientific papers, web sites, etc.) in these submissions should be properly cited. Academic dishonesty, including any form of cheating will not be tolerated and may result in failure of the course and/or formal disciplinary proceedings that may lead to suspension or dismissal. Cheating includes but is not limited to such acts as offering or receiving unpermitted assistance in the exams, using any type of unauthorized written material during the exams, handing in any part or all of someone else's work as your own, copying from an internet source. Plagiarism is a specific form of cheating. It means using someone else's work without giving credit and it is a form of literary theft.