

END4710 Maintenance Management 2023/2024 – Spring Semester

Instructor: Assist. Prof. Mert Edalı

Office: V205

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Web: avesis.yildiz.edu.tr/medali (Check regularly for updates and announcements!)

Office Hours: Monday (09:00 – 10:00)

Course Assistant: Res. Assist. Mehmet Soydan (msoydan@yildiz.edu.tr)

References:

1. Andrew K. S. Jardine, Albert H. C. Tsang, Maintenance, Replacement, and Reliability: Theory and Applications, Second Edition, 2013.
2. Mustafa Köksal, Bakım Planlaması, Seçkin Yayınevi, 3. Baskı

Course Objectives:

To teach planning, execution, and control techniques of maintenance operations.

Tentative Course Schedule¹:

Week	Date	Topics
1	21.02	Introduction and Basic Concepts on Maintenance
2	28.02	Maintenance Management and Maintenance Policies
3	06.03	Reliability
4	13.03	Reliability
5	20.03	Midterm 1 (In-Class)
6	27.03	Inspection Decisions
7	03.04	Inspection Decisions
8	10.04	Eid al-Fitr (No Class!)
9	17.04	Midterm 2*
10	24.04	
11	01.05	Capital Equipment Replacement Decisions
12	08.05	Capital Equipment Replacement Decisions
13	15.05	Component Replacement Decisions
14	22.05	Maintenance Resource Requirements

* The exact date and time of the second midterm will be announced by the department.

Course Evaluation:

- Midterm 1: 25%
- Midterm 2: 35%
- Final: 40%

¹ Course schedule is subject to change. Check the Avesis webpage regularly!

Policies/Rules:

- All exams will be closed-book and closed-notes.
- [Students only with accepted excuses will be eligible for a makeup exam either for the midterm exam.](#)
- I will not revise your scores to make you eligible for the resit exam!
- Any academic dishonesty will be handled according to the university rules. [Please check the exam policy of the university.](#)