

CEng 491 Syllabus - Fall 2024

Course coordinators:

Seyda Ertekin, 49x.coordinators@ceng.metu.edu.tr

Gökberk Cinbiş, 49x.coordinators@ceng.metu.edu.tr

Teaching assistants:

Bilgin Coskun, Gunes Sucu, Kadir Cenk Alpay, Recep Firat Cekinel

49x-info@ceng.metu.edu.tr

Lectures: Tuesdays 13:40-15:30 (BMB1)

Meetings: Wednesday 13:40-17:30 -- time for weekly group meetings (required), weekly meetings with academic supervisor (optional), and sprint demos with academic supervisors (required). You may also be required to occasionally meet with TAs.

Announcements: odtuclass *CENG 491 All Sections*.

Announcements should be checked regularly (every day)!

Lectures and Timeline

<i>[Week] Lecture date</i>	<i>Lecture topic</i>	<i>Deliverables, Tasks and Notes</i>
[1] 1/10/24	Introduction. An overview of the course (491/492). Course conduct. Common mistakes in the proposal, kick-off expectations.	Finalization of team formations, supervisor/project assignments.
[2] 08/10/24	Kick-off QA Scrum and Agile Development TAs' presentation on WEP details	Kick-off document v1 due (13/10/24)
[3] 15/10/24	Seminar: TBA	Sprint 1 starts (16/10/24) WEP-1 starts (16/10/24-5/11/24)
[4] 22/10/24	Kick-off presentations @ BMB1, BMB? (TBA)	
[5] 29/10/24	Kickoff v2 - Q/A	Kick-off document v2 due (01/11/24)

[6] 5/11/24	Seminar: TBA	Sprint 2 starts / Retrospective due (6/11/24) Supervisor demo (no later than 6/11/24) WEP-2 starts (6/11/24-26/11/24)
[7] 12/11/24	Seminar: TBA	
[8] 19/11/24	Seminar: TBA	
[9] 26/11/24	Seminar: TBA	Sprint 3 starts / Retrospective due (27/11/24) Supervisor demo (no later than 27/11/24) WEP-3 starts (27/11/24-17/12/24)
[10] 3/12/24	488 Guided Research information lecture	
[11] 10/12/24	Seminar: TBA	
[12] 17/12/24	Seminar: TBA	Sprint 4 starts / Retrospective due (18/12/2024) Supervisor demo (no later than 18/12/2024) WEP-4 starts (18/12/2024-7/1/2025)
[13] -	No class today (midterm exams on Wednesday).	Midterm exams (25/12/2024) @ BMB? and A105?.
[14] 31/12/24	TBA	
	No class	Retrospective due 8/1/2025 WEP-4 ends (7/1/2025), no new WEP cycle for Fall. Design Document due 15/1/2025 (tentative)

Grading

ITEM	PERCENTAGE
Weekly Engineering Practice	40
Sprint performance	20

Kick-off + presentation	10
Midterm exam	15
Final Design Document	10
Seminar attendance	5
Total	100

Exceptionally, students who fail to **regularly contribute** to the project in a substantial way, or students who stop working actively within the group at some point, may get a direct FF / NA grade upon joint decision of group supervisor & coordinators. A variety of information (WEP grades, TA observations, comments from other group members and supervisor observations) will all be jointly evaluated in execution of this rule.

Academic project supervisors grade the project at the end of the semester. Supervisor grades are used in scaling grading items on per-group and per-student bases.

Any use of (Generative) AI tools in course activities, e.g. coding and report writing, needs to be explicitly declared and explained in detail by the students. The contribution of the student and AI tool in the deliverable will be assessed; and grade penalty may be applied in cases where the student's contribution is considered low.