The University of Jordan
School of Engineering
Computer Engineering Department

Academic Year:	2025 / 2026
Semester:	Fall
Course:	0977599 Graduation Project (2) 3 Credits / Dept. Obligatory
Catalog Description:	The student is required to finish the work he started in the first part. The student is required, whenever it is possible, to use the appropriate and available software to solve his problem, simulate his solution, to build a prototype and perform all needed measurements. The student will be required to write down his final year project as a complete report (dissertation) according to the department instructions.
Prerequisite(s):	0977598 Graduation Project (1)
Co-requisite(s):	None
Background:	Students are expected to have successfully completed all requirements of project (1)
Textbooks:	• Assigned by project supervisor
References:	• Assigned by project supervisor.
Course Website:	Microsoft Teams
Schedule & Duration:	16 Weeks (including exams)
Student Material:	Assigned by project supervisor.
Facilities:	Departmental computer labs, required software tools, and available hardware and laboratory resources.
Course Objectives:	• Implement and integrate the proposed solution according to the approved design. • Evaluate and validate the system through testing, experimentation, and performance analysis. • Document and present the project professionally in written and oral form. •
Course Outcomes and Relation to ABET Program Outcomes:	Upon successful completion of this course, a student should be able to: • Student was able to work in a team and in harmony [SO5]. • Student showed ability to explore, self-learn, acquire new knowledge and skills beyond what they learnt during their studies [SO7]. • Student showed ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and • welfare, as well as global, cultural, social, environmental, and economic factors [SO2].

- Student adhered to ethical practices and professional responsibilities throughout the project [SO4]
- Student conducted the presentation in proficient English and showed proper use of technical terms [SO3]
- Student was able to express the ideas orally, understand the EC questions and answer them while referring to sources (if necessary) [SO3]

Course Topics:

- Assigned by project supervisor
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Computer Usage: Students will use computers for coding, simulation, experimentation, report preparation, and oral presentations using appropriate engineering software tools.

Policies:

- Meeting attendance with supervisor is mandatory and will be recorded each class; university absence rules apply.
- All submitted work must be your own; cheating, plagiarism, unauthorized AI-generated work, or improper use of AI tools will result in academic penalties.
- Professional conduct, timely communication, and adherence to assessment schedules are expected throughout the course.

Assessment Tools & Grading:

☐ First Exam	0%	☐ Midtem Exam	0%
☐ Final Exam	0%	☐ Quizzes	0%
☐ Assignments	0%	☒ Projects	100%
☐ Other:			

Instructor(s):

- Project supervisor

Section(s):

- Meeting times are arranged by project supervisor

Student Outcomes (SO)

SO1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
SO2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
SO3. An ability to communicate effectively with a range of audiences.
SO4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts
SO5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
SO6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
SO7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.

Last modified: September 30, 2025