



جامعة أم القرى
UMM AL-QURA UNIVERSITY

Mechanical Engineering Department

Regulations for Capstone Project
(Admission-Registration-Assessment)



Admission and Registration

- The capstone projects are recommended to be run for two consecutive semesters and the preference is to start by first semester (9th semester) after passing 130 hours for continuous learning and successful progress.
- In some cases (students must graduate in the first semester), a student may register his project in the previous third semester.
- Then, they can present their project and graduate at the end of first semester which is under condition of passing 130 hours for continuous learning and successful progress.
- Staff members of the department submit the abstract of their next project during exams period of the second semester to the project committee.
- Project committee will announce these abstracts before the beginning of first semester.
- Each student or group of students will be required to project ideas and discuss them with his/their supervisor.
- Then, each student will require to fill in the requisition form which will include his preferences arranged according to these priorities for three projects and to state his GPA.
- Students fill in the requisition forms either in a group (they should be close in their number of hours passed) or as an individual and both should fulfil the capstone project conditions and requirements.
- Each group of students will be required to submit supervisor acceptance with project abstract to the capstone project committee during registration period.

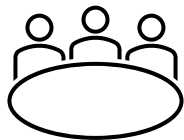


Assessment and Evaluation

- The committee required for evaluating the student which will be selected by the supervisor should include the Department Chair or the faculty member which he will personally nominate on behalf of him.
- All the capstone projects should submit their work in softcopy format (via university email), the first three outstanding projects through the voting of all faculty members should submit an additional hardcopy of their work. Student work will be kept in a secure place in an assigned capstone project room.

The assessment for the capstone project is recommended to be as follow

30%



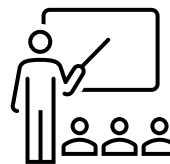
**Committee
Evaluation**

50%



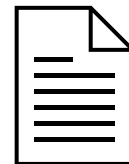
**Student
yearly
work and
activities**

10%



**Final
presentation**

10%



**report
writing
skills**



The following recommendations were suggested by committee members and are preferable:

- ❖ The abstract form which is required to be submitted from the supervisor should include clearly the expected (1-7) from the project which will help to fulfill all (1-7) from all the projects.
- ❖ It is required to have at least one student in at least one project outside the Mechanical Engineering Department to fulfill the multidisciplinary requirement.
- ❖ It is recommended that companies which represent the industries (Aramco, Sabic...) will attend the capstone projects exhibition for further benefit to both the student and the department.
- ❖ It is recommended to get funds from the industries for the capstone projects and consider them as sponsors.
- ❖ It is recommended that the presentation for the capstone project to be limited to 20 minutes for solid presentation without further discussion or questions, 15 minutes for discussion and questions and 5 minutes for committee decision for a total of 40 minutes.
- ❖ It is recommended to run a workshop regarding (making posters and running presentations successfully) for capstone projects' students.