

## CE 497 Graduation Project - 2

<b>Supervisor, Co-supervisor and Examination committee.</b>	Each group should refer to their supervisor, co supervisor and Examination committee as announced by the department.	
<b>Tasks and assignments</b>	<p>The <b>main</b> tasks and assignments are:</p> <ul style="list-style-type: none"> <li>• Supervisor &amp; Co-supervisor meetings.</li> <li>• Two project presentations.</li> <li>• Final report.</li> </ul> <p>Students, also, are required to complete any task related to their selected project such as</p> <ul style="list-style-type: none"> <li>• Data collection,</li> <li>• Identification of real-life constraints (e.g. economy, environmental, global, and contemporary issues),</li> <li>• Generation of possible design alternatives,</li> <li>• Preparation of a work plan for implementing and completing the project.</li> </ul> <p>Note: all tasks are to be completed to the satisfaction of the <b>Supervisor, Co-supervisor</b> and the <b>Examination committee</b>.</p>	
<b>Grade Distribution</b>	<b>Description</b>	<b>Grade</b>
	Project work	40%
	Midterm (Presentation)	20%
	Final Exam (Report + Presentation)	40%
<b>Grading System</b>	<p><b><u>Project Work (40%)</u></b></p> <p>The supervisor &amp; Co-supervisor will assess Students based on their Semester Work. The grades are distributed as follows;</p> <ul style="list-style-type: none"> <li>• <b>Attendance (5%)</b></li> <li>• <b>Motivation (10%):</b> Self-motivation and Taking the lead in doing the work.</li> <li>• <b>Progress (30%):</b> selection of the project and collection of relevant information/data.</li> <li>• <b>Participation (10%):</b> participation in doing the work.</li> <li>• <b>Final Report (45%).</b></li> </ul> <p><b><u>Mid-Term (20%)</u></b></p> <p>The Examination Committee will evaluate students' <b>presentations</b> on the project work so far. The grades are distributed as follows;</p> <ul style="list-style-type: none"> <li>• <b>Capstone Aspect (15%):</b> Real-life project and Inclusion of at least three specialties.</li> <li>• <b>Technical Content (30%):</b> Background Review, Significance/Problem Statement, Objectives, Project Constraint, Design component and alternative designs Proposed design and selection criteria. Addressing the identified problem using the right technical procedure.</li> <li>• <b>Progress (30%):</b> Progress in the project work including analysis/design/experiments</li> <li>• <b>Presentation (25%):</b> Overall presentation quality, Effective utilization of visual aids, Effective use of non-verbal communications (e.g., eye contact with the audience),</li> </ul>	

	<p>Familiarity/knowhow with the presented content, and Response to the audience questions.</p> <p><b><u>Final Exam (40%)</u></b></p> <p>The Examination Committee will evaluate students based on a <b><i>written report</i></b> and a <b><i>final presentation</i></b> of the project. The grades for the presentation are distributed as follows;</p> <ul style="list-style-type: none"> <li>• <b>Presentation Style and Organization (20%):</b> Number of slides and utilization of allocated time, Slides clarity, and Overall presentation quality.</li> <li>• <b>Technical Content (40%):</b> presentation of the Project Objectives and Problem statement, Background/ Literature Review, the adopted approach and Clear presentation of a comprehensive conclusion.</li> <li>• <b>Presentation (40%):</b> Overall presentation quality, Effective utilization of visual aids, Effective use of non-verbal communications (e.g., eye contact with the audience), Familiarity/knowhow with the presented content, and Response to the audience questions.</li> </ul> <p>The grades for the report are distributed as follows;</p> <ul style="list-style-type: none"> <li>• <b>Organization (5%):</b> Title, Table of Contents, Nomenclatures, List of Figures, List of Tables, Chapters.</li> <li>• <b>Writing Quality (20%):</b> Grammar, Paragraphing, Font, Clarity.</li> <li>• <b>Introduction (10%):</b> Background Review, Problem Statement, Objectives, and Project Constraints.</li> <li>• <b>Main Body of the Report (20%):</b> Addressing the identified problem using the right technical procedure.</li> <li>• <b>Design Methodology (15%):</b> Proper approach for the Design component.</li> <li>• <b>Capstone Aspect (10%):</b> Real-life project and Inclusion of at least three specialties</li> <li>• <b>Terminal Sections (5%):</b> Conclusions, Recommendations, References, and Appendices.</li> </ul>	
<b>Weekly schedule for assignments and Exams</b>	<b>Assignment</b>	<b>#Week</b>
	Supervisor & Co- supervisor meetings	Every Week
	Midterm (Presentation #1)	5 <sup>th</sup> or 6 <sup>th</sup>
	Submission of the final report	10 <sup>th</sup> (Thursday)
	Final Exam (Presentation #2 and Project Report)	11 <sup>th</sup> (Sunday-Thursday)

***Note:***

- Submission of reports will be to Eng. Yasser Alsayed (2 A 33).
- Total presentation time should be about 40 minutes: 20 for the student's presentation and 20 minutes for the questions/answers.
- After the final exam, all comments given to the examination committee on the report must be incorporated by the students and approved and signed by the supervisor and Co-supervisor.