

## CE 496 Graduation Project - 1

<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 <i>main</i> tasks and assignments are:</p> <ul style="list-style-type: none"> <li>• Submission of the project proposal.</li> <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 <i>supervisor, co-supervisor</i> and the <i>examination committee</i>.</p>	
<b>Grade Distribution</b>	<b>Description</b>	<b>Grade</b>
	Project work evaluated by the supervisor and co-supervisor	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 (10%)</b></li> <li>• <b>Motivation (10%):</b> Self-motivation and Taking the lead in doing the work.</li> <li>• <b>Progress (20%):</b> selection of the project and collection of relevant information/data.</li> <li>• <b>Participation (20%):</b> participation in doing the work.</li> <li>• <b>Overall performance (10%).</b></li> <li>• <b>Final Report (30%).</b></li> </ul> <p><b><u>Mid-Term (20%)</u></b></p> <p>The Examination Committee will evaluate students' <i>presentations</i> on the project work so far. The grades are distributed as follows;</p> <ul style="list-style-type: none"> <li>• <b>Capstone Aspect (20%):</b> Real-life project and Inclusion of at least three specialties.</li> <li>• <b>Technical Content (30%):</b> Background Review, Significance/Problem Statement, Objectives, and Project Constraints.</li> <li>• <b>Progress (30%):</b> Progress in the project work and Plan for future work</li> <li>• <b>Presentation (20%):</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/know-how 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 <i>written report</i> and a <i>final presentation</i> 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 (30%):</b> Number of slides and utilization of allocated time, Slides clarity, and Overall presentation quality.</li> <li>● <b>Technical Content (30%):</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/know-how 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 (15%):</b> Grammar, Paragraphing, Font, Clarity.</li> <li>● <b>Introduction (15%):</b> Background Review, Problem Statement, Objectives, and Project Constraints.</li> <li>● <b>Main Body of the Report (15%):</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 (15%):</b> Real-life project and Inclusion of at least three specialties</li> <li>● <b>Terminal Sections (5%):</b> Work plan for CE497, References, and Appendices.</li> </ul> <p><b><u>Proposal/First lecture attendance (5%)</u></b></p>													
	<table border="1"> <thead> <tr> <th data-bbox="387 1301 1198 1350">Assignment</th> <th data-bbox="1198 1301 1517 1350">#Week</th> </tr> </thead> <tbody> <tr> <td data-bbox="387 1350 1198 1400">Submission of project proposal</td> <td data-bbox="1198 1350 1517 1400">3<sup>rd</sup> (Sunday)</td> </tr> <tr> <td data-bbox="387 1400 1198 1449">Supervisor &amp; co-supervisor meetings</td> <td data-bbox="1198 1400 1517 1449">Every Week</td> </tr> <tr> <td data-bbox="387 1449 1198 1498">Midterm (Presentation #1)</td> <td data-bbox="1198 1449 1517 1498">8<sup>th</sup> (Sunday-Thursday)</td> </tr> <tr> <td data-bbox="387 1498 1198 1547">Submission of the final report</td> <td data-bbox="1198 1498 1517 1547">15<sup>th</sup> (Thursday)</td> </tr> <tr> <td data-bbox="387 1547 1198 1592">Final Exam (Presentation #2 and Project Report)</td> <td data-bbox="1198 1547 1517 1592">16<sup>th</sup> (Sunday-Thursday)</td> </tr> </tbody> </table>	Assignment	#Week	Submission of project proposal	3 <sup>rd</sup> (Sunday)	Supervisor & co-supervisor meetings	Every Week	Midterm (Presentation #1)	8 <sup>th</sup> (Sunday-Thursday)	Submission of the final report	15 <sup>th</sup> (Thursday)	Final Exam (Presentation #2 and Project Report)	16 <sup>th</sup> (Sunday-Thursday)	
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**Note:**

- The specific date and time for the midterm and final exams for CE 496 groups will be determined by the examination committee members. All students should be available and should be prepared to take the midterm and final exams at the selected date and time by the examination committee members.
- The 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.