

## SE 497 Graduation Project II

<b>Credit and Contact hours</b>	2 / 2(Lectures); 0(Tutorials); 0(Laboratory)												
<b>Required, or Elective</b>	Required for a BSCE degree												
<b>Course Description</b>	The student must accomplish a 2-semester-project in any major fields of surveying ( the project must include field work &/or field data in addition to associated computations & assessment); an integrated report detailing each step of the project must be provided by the student & approved by the project supervisor & the examiners after presentation of the project.												
<b>Prerequisites or Co-requisites</b>	SE 496												
<b>Course Learning Outcomes</b>	Students completing this course successfully will be able to <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: center;">Course Learning Outcomes</th> <th style="text-align: center;"><i>Related Student Outcomes (SO)</i></th> </tr> </thead> <tbody> <tr> <td><b>CLO1:</b> Conduct Data collection using appropriate surveying engineering techniques</td> <td style="text-align: center;"><b>SO6</b></td> </tr> <tr> <td><b>CLO2.</b> Carry out data processing, computations, results analysis, interpretation and conclusions</td> <td style="text-align: center;"><b>SO6</b></td> </tr> <tr> <td><b>CLO3:</b> Present written Report and oral discussion</td> <td style="text-align: center;"><b>SO3</b></td> </tr> </tbody> </table>			Course Learning Outcomes	<i>Related Student Outcomes (SO)</i>	<b>CLO1:</b> Conduct Data collection using appropriate surveying engineering techniques	<b>SO6</b>	<b>CLO2.</b> Carry out data processing, computations, results analysis, interpretation and conclusions	<b>SO6</b>	<b>CLO3:</b> Present written Report and oral discussion	<b>SO3</b>		
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<b>CLO3:</b> Present written Report and oral discussion	<b>SO3</b>												
<b>Student Outcomes</b>	SO3. an ability to communicate effectively with a range of audiences.  SO 6. an ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions												
<b>Topics Covered</b>	<table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="text-align: center;">List of Topics</th> <th style="text-align: center;">Related CLOs</th> </tr> </thead> <tbody> <tr> <td>1. Completion of data collection</td> <td style="text-align: center;">CLO1</td> </tr> <tr> <td>2. Data processing, analysis and interpretation of results</td> <td style="text-align: center;">CLO2</td> </tr> <tr> <td>3. Production of required relevant output</td> <td style="text-align: center;">CLO3</td> </tr> <tr> <td>4. Written Report and Oral presentation to be presented to supervisors and examiners</td> <td style="text-align: center;">CLO3</td> </tr> </tbody> </table>			List of Topics	Related CLOs	1. Completion of data collection	CLO1	2. Data processing, analysis and interpretation of results	CLO2	3. Production of required relevant output	CLO3	4. Written Report and Oral presentation to be presented to supervisors and examiners	CLO3
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<b>Textbook(s) and Other Required Material</b>	Textbook: .....
<b>Grading System</b>	Mid Exam (Examiners Evaluation) 20% Final Exam (Examiners Evaluation) 30% Supervisor Evaluation 50%
<b>Instructors</b>	SEP Faculty
<b>Date of Review</b>	Nov, 2020