

CE 498 Graduating Project (Part-I)

Text book:

Any books, journal's articles, software packages and/or laboratory equipment needed to accomplish the mission.

Topics covered

Problems of various natures (design, modeling, experimental) are posed by the faculty. Based on their interests, the students choose a problem and work on under the guidance of a faculty member.

Course Objectives

Depending on the nature of problem, the objectives may vary

The main objectives are

1. To teach the student how to formulate the problem, to collect information using textbooks, catalogues, vouchers, internet, scientific journal. etc.
2. To teach the student how to integrate and apply their courses on a multi-faceted project.
3. To teach the student how to write a report and present his work.

Course Outcomes

1. The student will learn the ability to tackle a physical problem using whatever information gained in previous courses.
2. The student will learn the ability to write report with substantial graphical and tabulated information and present his work.

Computer Applications

Depend on project topic

Laboratory Experiments

Depend on project topic.

Contribution to Meeting the Professional Component

The course contributes to engineering science and engineering design.