



Civil Engineering Capstone I

CIVILEN 4001

Credit Hours:

2.00

Course Levels:

Undergraduate (1000-5000 level)

Course Components:

Lecture
Lab

Course Description:

Part 1 of the two semester course sequence for the culminating design component in the curriculum for students in Civil Engineering. Must be taken in semester preceding 4002, with sequence completed as close to graduation as possible.

Prerequisites and Co-requisites:

Prereq: 2050 or Stat 3450, 3460, or 3470; and CivilEn 2060, 2405, 2410, 2810, 3080, 3130, 3160, 3310, 3510, 3541, 3700, and 4320 or 4350, and EnvEng 3200; and enrollment in CivilEn major.

Course Goals / Objectives:

- Evaluate designs and create improved designs
 - Function as a part of a professional team
 - Create group reports
 - Make effective oral presentations
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Course Topics:

- Students work in a group environment with the instructor serving in the role of an outside consultant interacting in a professional manner with the groups
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Designation:

Required