

Course	CE 48800 – Civil Engineering Design II
Type of Course	Elective for Civil Engineering Program
Catalog Description	Continuation of CE 48700
Credits	3
Prerequisite Courses	CE 48700
Corequisite Courses	None
Prerequisites by Topics	Civil Engineering Design I
Textbook	None
Course Objectives	To develop capabilities of students to design real-life civil engineering project. Students have to apply integrated knowledge from their previous course work to accomplish projects formulation to prototype evaluation.
Course Outcomes	Students who successfully complete this course will be able to: <ol style="list-style-type: none">1. The ability to build, test and evaluate the basic design completed in the Civil Engineering Design Project course. [2,6]2. The ability to function within a team. [5]3. The ability to present preliminary work both written and orally. [3]4. Understanding of the ethical issues that are associated with the engineering profession. [4]5. Present final design to technical and non-technical professionals. [3]6. Understanding of the impact of civil engineering on society. [4,7]
Lecture Topics	None
Computer Usage	High
Laboratory Experience	High

Design Experience	High
Coordinator	Dong Chen, Ph.D.
Date	27 June 2018