

CET497 – CAPSTONE PROJECT I SPRING 2019 SYLLABUS

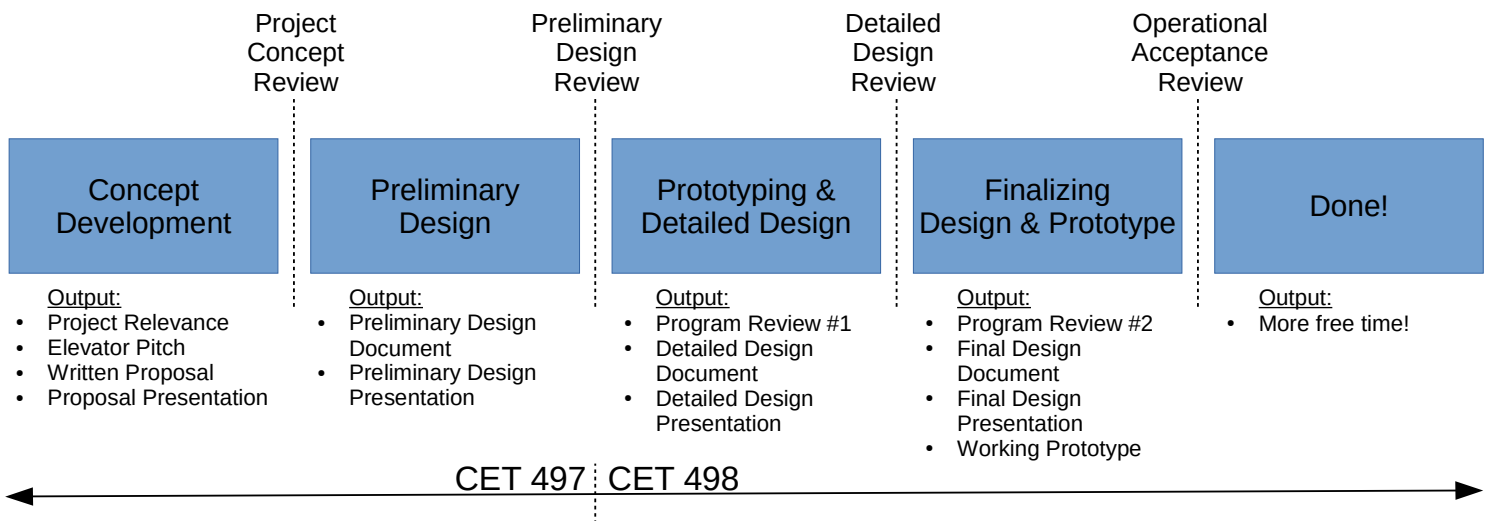
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1. Basic Course Information

Prerequisites: CET 346 and CET 349
Class Time: F 9:30am-11:10am
Class Room: Copernicus Hall 157
Office: Copernicus Hall 125-03
Office Hours: MW 2:30-4:30pm, F 11:10-12:10pm

2. Capstone Process

Your capstone project will be developed in four distinct design phases. Each phase will culminate in a formal review performed by your professor and peers. Each phase also has a set of activities and outputs your are required to produce. An over view of that process is shown here:



3. Grade

Your grade for the course will be comprised of the following parts

- Project Relevance (5%)
- Elevator Pitch (5%)
- Work Breakdown (10%)
- Proposal (20%)
- Project Concept Review (15%)
- Preliminary Design (30%)
- Preliminary Design Review (15%)

4. Academic Honesty

Your academic and professional success depends on honesty. You must be honest with yourself regarding their own abilities and honest with your peers regarding your achievements. Given the importance of this characteristic I will not hesitate to report all violations of academic honesty as outlined here: <http://web.ccsu.edu/academicintegrity/academicmisconductpolicy/default.asp>.

5. Special Needs

Any student who feels s/he may need an accommodation based on the impact of a disability should contact me privately to discuss your specific needs. I will need a copy of the accommodation letter from Student Disability Services in order to arrange your class accommodations. Contact Student Disability Services, Room 241, Copernicus Hall, if you are not already registered with them. Student Disability Services maintains the confidential documentation of your disability and assists you in coordinating reasonable accommodations with your faculty.

6. Tentative Schedule

Week	Lecture	Assignment Due
1	Process Overview, Project Expectations, Past Projects	
2	Project Relevance	
3	Giving an Elevator Pitch	Project Relevance
4	Student Elevator Pitches	Elevator pitch
5	Work Breakdown Structure	
6	Writing a Proposal	WBS Draft
7	In class workday	
8	Student Proposal Presentations	Presentation
9	Project Concept Review	Written Proposal, PCR Checklist
10	Beginning a Design (Two Case Studies)	
11	Documenting and Presenting a Design	
12	In class workday	
13	Thanksgiving, No Class	
14	Student Design Presentations	Presentation
15	Preliminary Design Review	Design Document, PDR Checklist
16	CET 498 Presentations	