Syllabus for APC 490 Capstone Project Preparation

NOTE: This syllabus document contains the basic information of this course. The most current syllabus is available in the full course.

Course Description

The purpose of this course is for students to choose a capstone project, create an initial plan with specific deliverables identified, and receive approval. This course covers review of key concepts necessary for success in the Capstone (APC 495) course, including software engineering practices, project management techniques, systems analysis, and communicating with technical or non-technical audiences (CTO, IT staff, etc.). May include additional topics specific to anticipated capstone projects.

Prerequisite(s)

- APC 380: Project Management Techniques
- APC 460: Software Engineering Practices

Concurrent Course: APC 460 (Students may take this course after completing APC 460 or they can take the two courses at the same time.)

Course Outcomes

Upon completing this course, you will be able to do the following:
- Develop a successful project plan that includes the appropriate systems analysis and design to ensure a viable project.
- Have an understanding of an appropriate set of engineering practices and project management techniques to begin their capstone project.
- Establish a development environment geared specifically toward successful completion of their capstone project.

Course Requirements/Components

- Scrums
- Sprint Reviews
- Retrospectives
- Draft Project Proposals

- Final Project Proposal

Grading

The following grading scale will be used to evaluate all course requirements and to determine your final grade:

Grade	Percentage Range
A	90% - 100%
B	80% - 89%
C	70% - 79%
D	60% - 69%
F	0% - 59%

Evaluation Methods	Weight
Scrums	10%
Sprint Reviews	20%
Retrospectives	20%
Draft 1: Project Proposal	10%
Draft 2: Project Proposal	10%
Final Project Proposal	30%
Total	100%