Endicott College
Beverly, Massachusetts

School of Science & Technology
Computer Science Department
Course Syllabus

Course No: CSC 333
Course Title: Innovations Seminar
Credits: 1
Class Type: Seminar
Semester and Year: Fall 2022

Faculty: Henry Feild, Ph.D.
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    Office Hours: See https://bit.ly/hanks-office-hours

Catalog Description
The goal of this seminar is to stimulate the generation and implementation of innovative
ideas in students with diverse backgrounds, such as science, technology, creative design,
and business. The seminar serves as a forum in which students can discuss their ideas,
the challenges they face in developing and implementing those ideas, and what resources
they have available at Endicott and beyond. *Prerequisites: Instructor permission. May be
repeated up to four (4) semesters for credit.*

Learning Outcomes
At the completion of this course the student should be able to:
  ● Describe and utilize the key steps in generating and implementing innovative ideas
  ● Evaluate and employ the resources that are available at Endicott and beyond for
    innovation in their areas of interest
  ● Develop an innovative idea
  ● Create an implementation plan

Teaching/Learning Strategies
You'll have an opportunity to share new ideas every week. As you explore ideas that interest you
most, you will further develop proofs of concepts to gauge the difficulty of components of the
idea and finally prototypes. You may even develop full fledged products! As we go through the
semester, you will share ideas in one or more of these stages.

Required Texts/Technology
There are no required texts for this class. However, students must have or acquire the technology
required to carry out the projects they choose to pursue.

Evaluation Methods

PoCs (x2)	20%	**Attendance/participation**	25%
Prototype (x1)	10%	**Weekly ideas**	30%
Final Presentation	15%		

		89–87 = B+	79–77 = C+	69–67 = D+	
100–94 = A		86–83 = B	76–73 = C	66–63 = D	59–0 = F
93–90 = A-		82–80 = B-	72–70 = C-	62–60 = D-	

Topical Outline

Each weekly meeting (except for the last) will look largely the same: we will share and critique new ideas, proof of concepts, and prototypes. Some weeks may be dedicated to learning about different tools and resources that the class is interested in (e.g., software development tools, FUEL, VR resources, the Endicott Makerspace).

In the final class meeting, you will present a slideshow summarizing the ideas, proofs of concept, and prototypes you worked on during the semester.

ADA Policy

If you as a student qualify as a person with a disability as defined in Chapter 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act (ADA) of 1990, the Americans with Disabilities Act Amendments Act of 2008 (ADAAA), you are strongly encouraged to register with the Center for Teaching and Learning. The Center for Teaching and Learning is located in the Diane M. Halle Library room 201 and online at https://www.endicott.edu/academics/academic-resources-support.

As a student registered with the Center for Teaching and Learning, it is your responsibility to present your accommodation letter to your instructor at the beginning of each semester.

Academic Integrity Statement

Students are required to abide by the *Academic Integrity Policy* of Endicott College.

Plagiarism (the presentation of someone else's words, images, or ideas as one's own) also applies to programming. For example, copying code from another source without acknowledging that source, or turning in work that is largely someone else's is considered plagiarism. Plagiarism is a serious offense and will result in failure of the assignment at a minimum, but may also result in failure of the course or dismissal from the College.

Course Expectations

For each credit hour, students are expected to spend a minimum of two hours on work outside of class each week. For this three credit course, that is a minimum of six hours each week.

Students must review the Academic Calendar published by the Registrar's Office online at:

Class attendance is expected of all students up to and including the last day of finals. Students must plan accordingly.

Attendance and Participation
Class attendance is expected of all students up to and including the last day of scheduled classes in the semester (including you). Please plan accordingly.

In accordance with the Undergraduate College's Attendance Policy, missing three or more weeks of class in total throughout the semester **(i.e., three absences in this course)** will result in a WX (withdraw/failing) for an unexcused absence (e.g., the student did not feel like coming to class) or W (withdraw) in the case of an extenuating circumstance (e.g., a medical condition).

While in class, you are expected to share your ideas and progress as well as provide meaningful critiques of your classmates' work.

Subject to Change Statement
This syllabus is subject to change.