CIS 155 Course Plan

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Overview

A guide to completing CIS 315 is posted below. A general strategy is used to instruct students in the online milieu:

> *1) Three large programming **Projects** are to be completed. Each assignment works like a project, and they connect to each other, building up a substantive base of code, presentable in an e-portfolio in a public website.*
>
> *2) For each project, two project **Milestones** are reached. These are supplemented with video **Tutorials** demonstrating how each milestone is to be reached. Students are expected to follow the lead in each video, trying each demonstrated skill.*
>
> *3) Each week every student is to participate in discussion **Forums** related to their milestones or project. Each discussion is initiated weekly, by instructor, who will post a **Topic**. Each student will post an original **Comment**, in response to the weekly topic posted by the instructor. Each student will **Reply** in a helpful manner at least once to a classmate's post, to achieve full participation credit.*

The learning system is thus broken into a set of taxonomic deliverables:

Projects, supported by -->
Milestones, supported by -->
Tutorials, supported by -->
Forums, comprised of -->
Topics, initiated by -->
Announcements, followed by -->
Comments articulated through -->
Replies, by students

Detail Overview on Graded Items

Weekly Discussion Topics

Students will respond to an announcement placed in Seaport and emailed at the start of each week (Sunday). Students will participate in the discussion throughout each week, posting a comment of four sentences, minimum.

Each student will respond to another student post, in the effort to support, assist or provide value to that student. The instructor will reply to each post within the same day of the post.

One continuous forum will take place, to help students access code snippets, assistance as well as lessons learned during prior weeks.

To receive credit for your weekly participation in discussion, each student will submit screen shots or copy/pasted text of each post, to assist the professor in awarding credit. Evidence of their participation is to be placed inside a pdf or .docx file and uploaded weekly to Dropbox.

Programming Projects

Three programming assignments are due, each given 5 weeks to complete. Every two weeks, a project milestone is due, after which feedback is given. Smaller programming exercises, known as Milestones, help drive feedback on your project.

Programming Exercises (Milestones to each Project)

Each project is broken into smaller programming exercises known as milestones. Milestones help build up the project, and are due every two weeks. They offer concrete feedback on your project.

Videos will be posted each week which will guide you through the milestones, demonstrating your programming steps for each project. Each student is expected to complete each milestone, as guided by the videos.

Completion of the milestones represent 10 out of each 23 points for each assignment (or 24 points, for the final project).

Students will be given discussion questions, via announcements in Seaport which will be delivered via email. These announcements will drive discussion on each milestone.

Expectations

This document will be located in the course syllabus. It will lay out how the instructor will respond to questions, provide feedback, post rubrics for each graded item. Expectations will help the student collaborate with the instructor as they complete several substantive programming projects.

Summary of Graded Items

Graded Items	***%***	***number of***	***total credit awarded***
weekly participation in discussion, github	2	15	30
programming projects	13	2	26
final programming project	14	1	14
programming exercises, milestones for each project	5	6	30
total term points			100