CSCI 5001 - Programming For Informatics

Islam Akef Ebeid - Spring 2024

In the event of a significant disruption of course activities because of an extraordinary environmental situation, this syllabus is subject to change. Any and all changes will be communicated with students in as timely a manner as the situation allows.

Course Description and Overview

Programming tools used in data analytics, the Object-Orient programming paradigm, operating systems tools, and web-based interface design and implementation.

Measurable Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- Concisely develop a web-based user interface.
- Accurately test programing tools.
- Appropriately revise programs using the programming tools.

Each of the above student learning outcomes must be performed at an appropriate level as stated in each course assignment requirements, grading scale or rubric.

Course Materials and Supplies

- A relatively modern <5 years old) computer with at least 500MB of free storage space and user priviledges to install software/applications on the computer. If you have concerns about the viability of your computer please discuss with your instructor.
- Reliable screen, video, and/or audio recording software and hardware access or commensurate alternatives as discussed with instructor.
- Reliable computer and Internet access

Major Course Activities

- Assignments and Projects

Note: This is an abbreviated syllabus and is subject to change. A more detailed syllabus will be provided in class.