Computer Science CSc11300 Syllabus

Fall 2019

Meetings

Tuesday, 9:30pm / 12:30pm/ 2:00pm
Room: NAC 5/150

Instructor

Ahmet Yuksel

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Office hours

Tuesday 11.00am-12.00pm NAC 7/101

Description

This course is designed to develop understanding of and fluency in current and important programming languages. Specifically, this course aims to develop the student's fluency in Python. The course is intended for those who have already learned object-oriented concepts in at least one programming language. A series of programming projects is an essential component of the course.

Course goals

To provide students with skills in applying essential features to implement, test, and debug computer programs in Python for problem solving; to provide students with basic knowledge and understanding of object-oriented design and implementation using Pythons class concept and type safety.

Textbook

Think Python
How to Think Like a Computer Scientist 2nd Edition,
Version 2.2.15 Green Tea Press
Needham, Massachusetts

Evaluation

Your final grade will be calculated as follows:

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Class Exercises (25%) + Attendance/Participation (10%) +
Project 1 or Midterm Exam (30%) + Project 2 or Final Exam (35%)
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Also how you behave in the class will affect your in-class exercise/attendance and participation grades. If you talk to each other, play with your cell phone, fall asleep during the lecture, or share your code with others, and/or misbehave that will result preventing other people from learning, those will affect your overall grade.

In Class Exercises

There will be in class exercises every week. Students are responsible to come prepared with his/her computer. The exercises will be graded **25%** of overall grade.

Programming Projects

There will be 2 programming projects or 2 exams. Each one will help you understand Programming language Python more efficiently. Projects are always due at the beginning of class on the due date, or the deadline mentioned on the project paper. Programs one day late, subtract **25%**; two days late loses **50%**. After 2 days the assignment will be considered a zero.

Class participation

Every student is expected to ask questions, and participate in the class. I encourage you to present problems, contribute your ideas and insights, and ask questions.

Academic Integrity

Academic dishonesty is prohibited in The City University of New York and at the City College of New York and is punishable by penalties, including failing grades, suspension, and expulsion. The complete text of the College policy on

Academic Integrity may be found in the catalog. Any kind of plagiarism (copy-paste codes from the internet, submitting the same project by changing the structure, getting/hiring someone to do it etc.) is strictly forbidden and will be reported to the department immediately.

Preparation

By studying the material before each class you will be ready to discuss the material in more depth and have specific questions to ask about parts of the material that may be giving you difficulty.

Schedule

See academic calendar for the class schedule.