CSC005 – Overview Of Computer Science
Hofstra University – Fall 2006
Instructor: Vinnie Costa
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Class Meets: Mondays and Wednesdays, 8:05-9:30PM, Adams, Rm: 106
Office hours: Mondays, 7:30-8:00PM, Adams 211, and after class

1. Course Overview and Description
Introduction to fundamental concepts in computer hardware and software. Exploration of the history and evolution of computing, and foundational areas of current computer science research. Algorithms, program development, and problem solving. Elements and use of a high-level programming language.

2. Required Text

3. Grading
There will be several assignments during the class, three of these will count towards your grade (you’ll get advanced notice). There will also be a mid-term and an end-term exam. These will be take home exams assigned a week before the due date.

Class participation and involvement counts. This should be an interactive experience. Please feel free to share information and ideas. Be willing to assist others.

There will be no makeup tests (mid-term and end-term exams) or extended deadlines. Submitting the test on an alternative date is at the discretion of the instructor, but prior arrangements should be made (unless, in case of emergencies, in which case, proper documents should be provided).

1.1 Point Allocation:
Assignments 1-3: 10% each
Mid-Term: 30%
End-Term: 35%
Participation: 5%

4. Attendance
Attendance will be taken at each class but it is not mandatory. However, if you do not attend class regularly, you will have a high probability of failing. Participation is important to fully appreciate the subject. If you cannot make a class for some reason (travel, business commitments, etc.) try to let me know.

5. Course Outline
Table 1 is a rough outline of the course. This schedule may change depending on the pace of the class and threads of discussion. Assignment dates are not shown here. These will be provided at a later date.

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6. Programming Assignments
There will be several programming assignments. The programs will be graded 80% on correctness and 20% on style (general structure, comments, etc.)

7. Slides, Links and News
I will try to have the slides for each class available on a web site at:

   http://www.cs.hofstra.edu/~cscvjc/Fall06

These will be available in HTML, OpenOffice, and PowerPoint formats. There will also be helpful and interesting links along with news items.

8. Class Rules
• Unless specifically stated otherwise, assignments are to be completed individually. You are encouraged to discuss the understanding of a particular issue or class material with fellow students, but code and solutions have to be your own effort.

• Academic honesty is to be taken very seriously. If you submit work that references another person’s efforts, then you must properly attribute it to that person, otherwise it is plagiarism and you will receive zero credits.

• This is not a course in how to crack systems, it is practically impossible for us to avoid discussing concrete security weaknesses in existing systems. Any attempt to use such information to gain unauthorized access to any system will be dealt with harshly.