CS113 Intro to Computer Science I – Syllabus

Text Book: Java Software Solutions: Foundations of Program Design, 6/E; Publisher: Addison Wesley; ISBN: 9780135039410

Tentative Course Agenda
1. Ch.1 Introduction to computers and problem solving
2. Ch.2 Data and Expressions
3. Ch.3 Using Classes and Objects
4. Ch.4 Writing Classes and Review for Exam 1
5. Ch.5 Conditionals and Loops + Exam 1
6. Ch.5 and Ch.6 Object-Oriented Design
7. Ch.7 Arrays
8. Ch.8 Inheritance and Review for Exam 2
9. Ch.9 Polymorphism and Exam 2
10. Ch.9 Polymorphism and Ch.10 Exceptions
11. Ch.11 Recursion
12. **Final Exam**

Exams: There will be two midterm exams and one final exam. All exams are cumulative. The exams will be based on the issues covered in the lecture notes and the textbook. Details will be announced later.

Grading:

Homework 15%
Labs 15%
Mid 1 20% common exam
Mid 2 20% common exam
Final 25% common exam
Participation 5%

Course Policies

Attendance is mandatory.

Homework must be submitted in hard copy at the beginning of class on the due date. They will not be accepted late except for special circumstances (such as jury duty or medical problem), for which you must provide documentation. All submitted work (including exams) must include your name and student ID.

Plagiarism will result in zero credit for the assignment and/or an XF grade in the course.

Cell phones must be turned off during class.

Students will be informed of any modifications of the syllabus during the semester.

Exam Policies

Common Midterms: 4:00-5:30 pm, Oct 10, Nov 7 *Final Exam:* See NJIT website.

You must bring a photo ID to all exams. Students with special needs are advised to make arrangements with Disability Services.

There are no makeup exams. If you miss an exam because of a documented special circumstance you may receive an imputed grade based on the other midterm.

If you believe that you deserve more credit than you have been awarded on a particular exam problem, you may request, within 48 hours of the exam being returned, that it be regraded. Your entire exam will be regraded, which may result in points being added or subtracted.

Exams do not require any portable electronic devices, such as cell phones or calculators, and all such devices must be put away and turned off during the exam.

University Code on Academic Integrity

Every student should read the University Code on Academic Integrity (http://www.njit.edu/academics/integrity.php). All work that you represent as your own must, in fact, be your own. Work done by others must be given proper credit.