CS110 – Intermediate Programming I
Spring 2018

CS110 Course Catalog description: "Intermediate programming concepts including common data structures, algorithms, design, documentation, testing and debugging techniques, and an introduction to object-oriented programming."

CS110 Prerequisites: A C- or better in CS20 or CS21. It will be assumed that you have a grasp of the elements of computer programming including, but not limited to, variables, selection statements, repetition statements, functions, flow of control, simply input/output and basic data structures.

Instructor:

<div align="center">

Jackie Horton
333 Votey Hall
Jackie.Horton@uvm.edu
(802)656-4398
Office hours: 3-4 Tues & Thurs, 1:30-2:30 Weds
or by appointment

</div>

Course Meeting:

Lecture A: Monday, Wednesday & Friday 10:50-11:40 122 Hills
Tuesday 11:40-12:55 102 Aiken

Lecture B: Monday, Wednesday & Friday 12:00-12:50 122 Hills
Thursday 11:40-12:55 102 Aiken

You are responsible for all material presented in lecture and lab. Attendance will not be taken, if you miss class it is your responsibility to get the material from a classmate.

Textbook
Required: "Starting out with Java, From Control Structures though Objects", Tony Gaddis, 6th edition. ISBN: 978-0133957051

Software
Java Platform, Standard Edition (Java SE 8) – JDK only. (Available from Oracle). If you are running Windows and are not sure if you are running a 32 bit (x86) or 64 bit (x64) version, in a File Explorer window, right click on "This PC" and select Properties.

jGrasp 2.0 – a free IDE developed at Auburn university (jGrasp.org) [choose the most recent version that is not a Beta version]

Grading

Homework 40%
Lab 10%
Midterm exam 20%
Final exam (cumulative) 30%

Homework

- Each homework will have an assigned point value, not all assignments are weighted equally.
- Homework in this course will be submitted electronically via the course website on Blackboard.
- Homework is due at 11:59 on the specified due date.
- Late homework is subject to a 10% penalty per day for 3 days. After 3 days, the assignment will no longer be accepted.
- Any questions regarding grading should be directed to your homework grader within one week of the grade being posted.

Lab

- Unless prior approval has been granted by the instructor or a TA, you may not switch lab days.
- The activities will be completed in groups of two using Pair Programming practices. Full credit will be awarded, provided both members of the pair arrive on time, stay until programs are working or the scheduled end of lab (whichever comes first) AND productively participate in solving the problems using pair programming (Pair Programming [Teaching & Learning Strategy]) . If you choose to work individually, your work will be graded before you leave lab for completion and correctness.
- If you choose to complete the work prior to lab time, you must work individually. Show up to start of lab and your work will be graded.
- If lab time is designated as project time (later in the semester), you will work individually and receive full credit for working productively towards the goal.

Exams

- There will be one midterm exam and one final exam.
- Midterm Exam: **Thursday, March 8th** 6:45-9:00pm in 235 Marsh Life Science
  (THIS IS THE THURSDAY BEFORE SPRING BREAK – PLAN ACCORDINGLY)
- Final Exam: https://giraffe.uvm.edu/~rgweb/batch/final_exams_spring.html

****

Unless explicitly specified on an assignment, collaboration on homework is strictly prohibited. If you use code from the internet, you must cite it. If you have any question … ASK! I strongly encourage you to review the Code of Academic Integrity.

Plagiarism Detection Software. Please note: all submitted programming assignments are subject to originality verification through software designed and used for the Measure Of Software Similarity (MOSS). All similarities will be forwarded to the Center for Student Conduct.

****