Introduction to Programming I

Computer Science 161 - Fall 2016 - Ms. Katz
Mondays and Fridays 8 AM - 8:50 AM or 9 AM - 9:50 AM in Roddy 147
and either Wednesdays (9am class) or Thursdays (8am class) 8 AM - 9:45 AM in Caputo 130 (Linux Lab)

Instructor
- Ms. Beth Katz - Beth.Katz@millersville.edu - http://cs.millersville.edu/~ekatz
- Office: Roddy 139
- Office Hours: 10 AM to noon Monday, Wednesday, and Thursday and by appointment
- Phone: 871-4313 (office on class days) or 799-2704 (home)
- Class Web Page: http://cs.millersville.edu/~ekatz/cs161.html
- Email is most effective way to contact me - Beth.Katz@millersville.edu or bethkatz@comcast.net
- Our class Piazza page: https://piazza.com/millersville/fall2016/csci161/home

Prerequisites
Placement into Math 160 or higher. Desire and need for the course.

Required Textbook

Goals
Our main goals this term are to learn how to develop algorithms to solve several types of problems and how to write them in Java. We will emphasize the iterative enhancement development technique and the use of methods that do one thing well. You will write many programs for practice. These assignments are a very important part of the course. The concepts build on each other and reinforce concepts from lecture. You won't learn everything about Java and computing in a semester, but you will build a firm foundation for your later courses. Learning to think about problems and express yourself precisely are additional goals.

Grading
Test 1 (September 26/27) = 20%
Test 2 (November 2/3) = 25%
Final exam (8am class: December 15, 2:45-4:45pm; 9am class: December 14, 8:00-10:00am) = 30%
Assignments (lab activities and additional programs) = 25%

I use a ten-point grading scale (93 = A; 90 = A-; 87 = B+; 83 = B; ...). You must attempt all examinations and assignments to pass the course. You must complete the programming and laboratory assignments by yourself unless explicitly told otherwise. Pair programming, as allowed on specific assignments as noted, is the only collaboration allowed. I report academic dishonesty to the provost.

Attendance
I expect you to attend both lecture and lab, read the text as noted, and participate in class discussions. I will take roll. Getting notes from a friend is not sufficient. Tests emphasize what we have covered in class. If you miss more than three classes without an excuse, I may lower your course grade by a letter grade.

Academic Honesty
Copying or any collaboration with anyone else on tests is not permitted and may result in failure in the course.

You will be allowed to use pair programming for some assignments. You must collaborate closely with your partner. However, any other copying or collaboration with other people is forbidden. Refer to the university policy on academic honesty for details and penalties.
You may discuss approaches to solving the problem as well as general aspects of the technique we are studying. You may also seek aid in resolving compiler messages. However, if you can’t explain why you did something, you probably didn’t do it yourself. Finding or purchasing a solution on the internet or elsewhere and turning that in as your own work is also plagiarism. When in doubt, ask me.

You may ask me questions at any time. Email is particularly good for this. The Piazza site will allow you to ask questions anonymously if you wish.

Tests
Tests will be cumulative and will emphasize material we have covered in lecture and practiced in assignments. There will be a closed book written portion as well as an online, open book portion. Both portions are to be completed without help from people other than me.

If you miss a test, you will receive a grade of zero for that test. Exceptions may be made at my discretion. In fairness to all, documentation will be required. Contact me immediately, preferably before the test, if you have a problem.

Assignments and Labs
This class meets in the Linux lab from 8-9:45am on either Wednesday (9am class) or Thursday (8am class). Read through the lab handout before you come to lab. This will make the lab period much less stressful. Many assignments will require further work outside the lab period. You should expect to spend considerable time on the programming assignments (labs and additional programs) outside of the scheduled lab period.

All programs must pass through the Java compiler on the MU CS department's Linux computers without compiler warnings or errors. I also consider solution completeness, use of features, and program style. Refer to the expectations handout.

There are no late programs. Programs must be delivered by the time and date specified for the assignment. Submit what you have for partial credit. If you develop your programs incrementally, you will have something to turn in.

Special Needs
Anyone with special needs should contact me as soon as possible.

Statement on Title IX Responsibilities for Faculty
Millersville University and its faculty are committed to assuring a safe and productive educational environment for all students. In order to meet this commitment, comply with Title IX of the Education Amendments of 1972, 20 U.S.C. 1681, et seq., and act in accordance with guidance from the Office for Civil Rights, the University requires faculty members to report to the University’s Title IX Coordinator incidents of sexual violence shared by students. The only exceptions to the faculty member's reporting obligation are when incidents of sexual violence are communicated by a student during a classroom discussion, in a writing assignment for a class, or as part of a University-approved research project. Faculty members are obligated to report to the person designated in the University Protection of Minors policy incidents of sexual violence or any other abuse of a student who was, or is, a child (a person under 18 years of age) when the abuse allegedly occurred.

Information regarding the reporting of sexual violence, and the resources that are available to victims of sexual violence, is available at http://www.millersville.edu/socialeq/title-ix-sexual-misconduct/index.php