CSCE 145 Sections 5, 6, and 9
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Office Hours: 4:30-5:30 MW, 12:00-2:00 TTH, or by appointment.

Description and Goals

This is the first course in Computer Science and Engineering. It introduces the design of computer algorithms and their implementation in the Java programming languages. The prerequisite is MATH 115 or enrollment in MATH 141. No prior programming experience is assumed, but you should already have some experience using a computer. The goals of the course are:

- Introduce computational problem-solving techniques
- Introduce the use of computers for the construction of software solutions
- Introduce procedural abstraction
- Introduce data abstraction and elementary concepts of object-oriented programming
- Introduce the development of structured, modular algorithms and programs
- Introduce the Java programming language.
- Introduce a modern programming development environment: Eclipse.
- Convey some of the myriad uses for computing.

Course Structure

- *Lectures* present the principles of algorithmic design and how to express your designs in the Java language. The lecture will move along quite fast and you will need to be present in order to keep up with all that is covered.
- *Laboratories* meet to walk through an implementation of the principles that have been presented in lecture. It's your chance to learn how to use Eclipse for writing Java programs.
- *Supplemental Instruction (SI)* is available to assist you in better understanding the course material. The SI program provides peer-facilitated study sessions led by qualified and trained undergraduate SI leaders who attend classes with you and encourage you to practice and discuss course concepts in sessions. Sessions are open to all students who want to improve their understanding of the material, as well as their grades. SI sessions will focus on the most recent material covered in class. Our classes SI leader is Steven Dao, his session information is:
    - Location: Thomas Cooper Library Room 415
    - Times: Sundays 8-9pm, Tuesdays 8:30-9:30pm, Thursdays 7:30-8:30pm

  Please attend these or my office hours if you need help with any of the material

Class Website

You are responsible for checking the class website regularly. Announcements and assignments will be posted. The URL is: http://www.cse.sc.edu/~hoskinsw/classes/csce145/

Text

Walter Savitch, *Java: An Introduction to Problem Solving and Programming, 7th Edition*, Pearson, 2015, ISBN: 978-0-13-376626-4. You need just the book, not the extra stuff.

Attendance Policy

You are expected to attend class regularly and keep up with the reading and assignments.

Grading

- We do not accept late work in this course. Assignments are made available to everyone at the same time and are due at the same time. In general, no credit will be given for late assignments, but exceptions to the late policy may be made on an emergency basis. If there is an upcoming event that will prevent your handing in your assignment at the assigned time, you must email a request to your TA no less than 24 hours in advance.
- Laboratory assignments will consist of short programs to be written in class. Lab work is due by the end of the lab meeting time, must be done in the lab, and cannot be turned in later for credit.
- Homework assignments are larger programs to be written outside of class. They are to be sent in *electronically* to the CSE Dropbox before the indicated time on the day they are due, and they **must** be done individually.
- There will be two in-class tests during the semester as well as two lab tests. The final exam will be cumulative. Make-up tests will be given only under extremely special circumstances.
- There will be ~10 quizzes throughout the semester. I have not decided the format of these yet, I will update this and inform the class when this is decided

Grade Breakdown

20 Lab Assignments, 10 points each	20%
2 Lab Tests, 100 points each	20%
10 Homework Assignments, 20 points each	20%
2 Midterms, 100 points each	20%
Final, 100 points	10%

10 Quizzes, 10 points each	10%
TOTAL: 1000 points	100%

Exam Dates

First In-Class Exam	Monday, October 6
First Lab Exam	Tuesday, October 7
Second In-Class Exam	Wednesday, October 29
Second Lab Exam	Thursday, October 30
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Final Exam	Saturday, December 13 - 9:00 a.m. (Sections 1 & 2) or Monday, December 8 - 12:30 p.m. (Sections 3 & 4) or Monday, December 8 - 4:00 p.m. (Sections 5, 6, & 9) or Friday, December 12 - 4:00 p.m. (Sections 7 & 8) or Monday, December 8 - 9:00 a.m. (Sections 10 & 11)

Honor Code

Cheating is defined as giving or receiving unauthorized aid on any assignment, test, or project, or not documenting an outside source of information should one be used. It is unacceptable and will not be tolerated. All offenses will be reported in accordance with the *Carolina Community* student handbook.
Academic sanctions are as follows. For the first offense, a student will receive a grade of 0 for the assignment. For the second offense, the student will receive a grade of F for the course.