

Computer Science 130 Sec. 1

TTh 2:00-3:50PM, Room: SH 165

Instructor:	Lindsay Jamieson, SH 152
Contact Information	Phone: x4474, Email: lhjamieson@smcm.edu
Office Hours:	1:20-2:30 MW, 1-2 TTh and by appointment
Online Office Hours:	Most evenings and weekends
OnlineID:	lindsaySMCM
Textbook:	“Java: How to Program, 7th ed”, Dietel & Dietel
TA:	Tony Shaeffer
TA Contact Info:	Email: ashaefer@smcm.edu
FINAL EXAM:	Friday, May 2 @ 2PM

Course Description

This course examines object-oriented design and programming in greater detail. An examination of the use of the data structures provided by language-specific libraries, and some common, simple algorithms. Students learn to design and implement simple applications. The emphasis of this course is on learning good design. This course is suitable for non-majors who want to improve their ability to solve problems using programs. *Prerequisite: COSC120.*

Objectives

Having gotten through COSC120, I am assuming you have the very basics of programming. By the end of this course, you should have a better grasp of programming. This will include more object oriented design concepts and GUI programs. I'm taking away some of the training wheels you had in COSC120. However, by the end of this course you will be able to do everything (and more!) that you did in COSC120, just on your own.

Schedule

The schedule for this class will be published on Blackboard. It may change, but all changes will be reflected on the Blackboard schedule with more than enough advanced notice.

In-class Assignments

There will be in class assignments every day during class time. Each assignment will have a component to be turned in. These components will be graded on a 3 point scale where:

1. 3 = the program was complete and correct
2. 2 = a good attempt was made to answer the given question, but there were errors
3. 1 = something was turned in, but it was not close to being correct
4. 0 = nothing was turned in

All in-class assignments may be completed with a partner and will need to be completed during the class time.

Homework

There will be 11 homework assignments which will be longer versions of the in-class assignments. These should be completed individually and will be worth 10 points each.

Evaluation

There will be 3 exams and a cumulative final exam, plus 3 projects in this class. The grading breakdown is as follows:

1. 3 Exams - 10% each
2. 3 Programming Projects - 10% each
3. Final Exam - 20%
4. In-class Assignments - 10%
5. Homework - 10%

Full explanations of the exams and projects will be given as the semester goes along.

Policies

1. Academic Integrity - Please refer to the Student Handbook Article III Section 1 for definitions of Cheating, Plagiarism, Falsification and Resubmission of work. Violations of these types will be dealt with accordingly.
2. Work "In Groups"- Outside of class and in class, you may discuss concepts together. However, submissions must be in your own words and reflect your own work, unless the assignment is specifically stated as group work. Additionally, I strongly suggest you direct all questions regarding homework, projects, and the exams to your TA or myself. If you discuss concepts outside of class, remember that all discussions should be general in nature and not involve exchange of code.
3. Late Submissions - Late work will suffer a 10% penalty for every 24 hours the work is late. This means that if a project is due at 5PM Monday and is handed in anywhere from 5:01PM Monday until 5PM Tuesday, it will have a 10% late penalty.
4. Attendance - Attendance is required. You must attend at least 90% of the classes in order to receive an A, 80% to receive a B, etc. If you are absent from class, you miss that day's in-class assignment, but are still responsible for the material covered in that class.
5. Cell Phones - Please turn cell phones to silent or off during class. You get one freebie. After that, any interruptions by cell phones may result in you being asked to leave and counted as absent for the class period.
6. Computer Usage - During class time computers may only be used for class related activities. This means, specifically, no email and no chat clients. Unless the current class activity requires internet usage, no internet activity of any kind is acceptable. Again, you get one freebie. Repeated offenses may result in you being asked to leave and counted as absent for the class period.
7. Tardiness - Repeated and excessive tardiness is rude to me and your classmates. Again, you get one freebie. Repeated offenses may result in you being told that you were never here for that class period. If you have a legitimate commitment elsewhere that may result in your tardiness, let me know ahead of time.
8. Food - Snacks will be provided by the instructor for the final exam. If you have any dietary restrictions please let the instructor know before the exam so she doesn't just bring chocolate and sugar.