

School of Computer Science and Mathematics
College of Health, Science, and Technology
University of Central Missouri

Course Syllabus
CS 4150: Object-Oriented Prog & Data Structure
Fall 2017

ROOM: MIC

TIME: 8:30 – 11:10am R

CRN: 14338

INSTRUCTOR: Ikhyun (Andy) Park

OFFICE: WCM 221

PHONE: (660) 543 – 8851

E-mail: ipark@ucmo.edu

OFFICE HOURS: 9:00-10:40am MWF and by appointment

PREREQUISITE: None.

TEXTBOOK: “Java: A Beginner’s Guide (Sixth Edition)”, by Herbert Shildt, McGraw-Hill, 2014.

I. Purpose of the Course

This course is intended for incoming graduate students who do not have (or cannot demonstrate) sufficient Java skills to be successful in the courses that require programming. It introduces object-oriented programming in Java, including basic and intermediate Java programming and data structures.

II. Objectives and Desired Student Competencies

Upon completion of this course the student should be able to:

- A. Recognize the basics of Java skills.
- B. Create, compile, and run a Java program.
- C. Understand Object-Oriented concept.
- D. Choose an appropriate data structure according to application.
- H. Use algorithms for problem solving.

III. Procedures and Policies

1. You are expected to attend all lectures. Advance arrangements for unavoidable absence should be made whenever possible. Make sure to bring a doctor’s note for the absence caused by health issues. Neither absence nor notification of absence relieves you of the responsibility of meeting all course requirements. For official process of documented absence, contact the office of student experience and engagement, Admin Bld. 214, Mrs. Keri Busker (busker@ucmo.edu).
2. All tests (quizzes and exams) will be **closed book and closed notes** unless stated otherwise. Make-up tests will be given only for valid excuses (documented medical issues, a death in the family, military order or determined by the instructor). The student will initiate the responsibility of a make-up exam.

3. Assignments are to be done independently and late submission is subject to penalty which grows as a day goes by.
4. Class notes, announcements, and assignments will be posted on **Blackboard**. It is the responsibility of the student to frequently check Blackboard for course changes and updates. Use of discussion board on Blackboard is highly encouraged for the help of study and any questions to the instructor so that many students can share the information.
5. Your final grade will be determined by the points earned divided by the total points.

A: 90% and above	B: 80% - 89.99%	C: 70 - 79.99%
D: 60 - 69.99%	F: Below 60%	

Attendance:	50 points
Assignments (written/ program):	300 points
Quizzes (random times in class):	100 points
Midterm Exam (Sept. 22 nd):	100 points
Final Exam (Dec. 7 th):	150 points

Total:	700 points
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6. Academic dishonesty will not be tolerated in this class. **DO NOT COPY OTHERS' WORK AND DO NOT LET OTHERS COPY YOUR WORK.** Any form of cheating will be dealt with according to the guidelines on page 196-199 of the UCM Planner/Handbook 2013-2014. You can also find the Academic Dishonesty Policy on-line at <http://www.ucmo.edu/student/documents/honest.pdf>.
7. Students with documented disabilities who are seeking academic accommodations should contact the Office of Accessibility Services, Union 224, 660-543-4421, access@ucmo.edu.

VI. Tentative Lesson Plan

Schedule:

Week 1-5	Chapter 1-5
Week 6	Midterm
Week 7-14	Chapter 6-10. ADTs
Week 15	Thanksgiving Break
Week 16	Review
Week 17	Final Exam