CIS 110 Object-Oriented Programming

Course Title: CIS 110 Object-Oriented Programming

Class Schedule: **Section 05:** M 4:00pm - 6:00pm   **Location:** SCI A106

Lab Schedule: **Section 05:** W 4:00pm – 6:00pm   **Location:** SCI B238

Final Exam: **Section 05:** Monday, December 19th @ 5:00pm-7:00pm

Instructor: Chad Johnson

Office: SCI B241
Phone: 715-346-3451
Email: Chad.Johnson@uwsp.edu
Office hours: MW 3:00pm - 4:00pm

Course Description

Introduction to object-oriented programming paradigm; definition and use of classes; fundamentals of object-oriented design; development of object-oriented programming language principles; coding in a current object-oriented programming language.

Course Objectives

- Master basic programming constructs such as variable declarations, assignments, decision structures, loops and methods.
- Understand essential concepts in object-oriented programming such as classes, objects, inheritance and polymorphism.
- Obtain the ability to use Java API to solve machine problems close to real world applications.

Textbook

- *Starting Out with Java - Early Objects*, 3rd Edition, By Tony Gaddis, Publisher: Addison Wesley

Grading

- 6 Labs (Lab): 30%
- 2 Machine Problems (MP): 20% (Group of at most 4 students)
- 2 Tests (Test): 20%
- Final Exam: 30% (Comprehensive)

Final grades will be assigned according to the following scale:

A: score >= 90	A-: 87 <= score < 90	
B+: 83 <= score < 87	B: 80 <= score < 83	B-: 77 <= score < 80
C+: 73 <= score < 77	C: 70 <= score < 73	C-: 65 <= score < 70
D: 60 <= score < 65		
F: score < 60		

Scale may be adjusted, depending on the overall performance of the class.

Lectures

- Lecture notes will NOT be posted in D2L.
- Students are strongly encouraged to attend each class and actively participate in class discussions.
- Class attendance may be taken in any class without notification in advance.

Assignments and Deadlines

- Each lab (Lab) must be submitted by 11:59pm on the day it is due. Last submissions will not be accepted.
- Each machine problem (MP) is due by 11:59pm on its due date. You can still turn in MP after the deadline. However, you automatically lose 5 points per hour after the due time, till you get 0. (Each individual assignment is 20 points.) **I cannot waive the penalty, unless there is a case of illness or other substantial impediment beyond your control, with proof in documents from the school.**
- You must submit your assignments online through D2L. **I will not take submissions in email, unless the university verifies that D2L was malfunctioning or unavailable.**

Exams

- Both tests and final exam are closed-book and closed-notes.
- Final exam is comprehensive.
- In general, any test or exam can NOT be made up.
- If you miss a test or exam due to unavoidable circumstances (e.g., health), you must inform the instructor and a written explanation along with the supporting documents must be submitted to the instructor.
- Do NOT ask for make-up tests or exams if you missed a test or exam due to travel.

Office Hours Policy

- I prefer that you contact me via email.
- However, you are still welcome to my office to ask me any questions at any other times.

Regrading

Scores of Labs, MPs, Tests, and Exams will be posted in D2L, and announcements will be made in D2L. After the scores are announced, you have 7 days to request for regrading by contacting the instructor (office hours or email). Your grade will be final after 7 days.

D2L

The D2L URL is https://uwsp.courses.wisconsin.edu. Use your UWSP NetID and password to login. We use D2L for the following activities:

- Make important announcements.
- Posting assignment instructions and files.
- Student submit assignments electronically.
- Posting scores and grades.

Academic Integrity

The university cannot and will not tolerate any form of academic dishonesty by its students. This includes, but is not limited to cheating on examinations, plagiarism, or collusion. **Any form of academic dishonesty may lead to F grade for this course.**

Students with Disabilities

If you require accommodation based on disability, I would like to meet with you in the privacy of my office during the first week of the semester to ensure that you are appropriately accommodated.

Week	Date	Day	Lecture Topics	Chapter
1	09/07	Wednesday	Introduction to Computers and Java	1
2	09/12	Monday	Java Fundamentals	2
2	09/14	Wednesday	Java Fundamentals, Hello World!	2
3	09/19	Monday	Java Fundamentals	2
3	09/21	Wednesday	Introduction to Eclipse-Fundamentals, Lab 1	
4	09/26	Monday	A First Look at Classes and Objects	3
4	09/28	Wednesday	A First Look at Classes and Objects	3
5	10/03	Monday	A First Look at Classes and Objects	3
5	10/05	Wednesday	Decision Structures, Lab 2	4
6	10/10	Monday	Decision Structures	4
6	10/12	Wednesday	Test 1	
7	10/17	Monday	Loops and Files	5
7	10/19	Wednesday	Loops and Files, Lab 3	5
8	10/24	Monday	A Second Look at Classes and Objects, MP #1 Due	6
8	10/26	Wednesday	A Second Look at Classes and Objects	6
9	10/31	Monday	A Second Look at Classes and Objects	6
9	11/07	Wednesday	Arrays and the *ArrayList* Class, Lab 4	7
10	11/09	Monday	Arrays and the *ArrayList* Class	7
10	11/14	Wednesday	Test 2	
11	11/16	Monday	Inheritance	9
11	11/21	Wednesday	Inheritance, MP #2 Due, Lab 5	9
12	11/23	Monday	Inheritance	9
12	11/28	Wednesday	Text Processing and Wrapper Classes	8
13	12/05	Monday	Text Processing and Wrapper Classes	8
13	12/07	Wednesday	Exceptions, Lab 6	10
14	12/12	Monday	Exceptions	10
14	12/19	Monday	Final Exam, 5:00pm-7:00pm	

Note: Schedule is tentative and subject to change.