

Course Syllabus

General Course Information

- **Instructor:** Garth Tuck
- **Office Location:** Technical Education 111B
- **Office Hours:** Tuesday & Thursday 1:30 pm - 4:00 pm
- **Phone:** 801-626-7958
- **E-mail:** gtuck@weber.edu
- **Classroom:** Technical Education 202S
- **Class Times:** Monday & Wednesday 9:30 am - 11:20 am

Textbook:

Introduction to Programming with Java: A Problem Solving Approach

Publisher: McGraw-Hill Science/Engineering/Math; 2 edition (January 25, 2013)

ISBN-13: 978-0073376066

Course Objectives:

The purpose of this course is to teach the crucial skills of problem solving. The tool used to solve problems in this course is the Java programming language. In order to use Java effectively, students will learn the fundamentals of programming using the syntax of Java. Students will then in turn use those skills to write programs to solve problems.

Website:

Supplementary information for the course is available on WSU Online at <https://weber.instructure.com/courses/286984>. The Web site contains class notes, PowerPoint slides, class announcements, the course syllabus, tests, and other information for the course. Also, you will submit the end-of-chapter case project assignments via WSU Online on the due date.

Communication:

If you have any questions about the course or need assistance, please contact me in person or by telephone during office hours; or via WSU Online at any time.

Grading and Evaluation Criteria:

- 20% - In Class Assignments
- 30% - Homework Assignments
- 40% - Projects
- 10% - Discussions & Attendance

Course Outline:

- Week 1 - Chapter 1 - Introduction
- Week 2 - Chapter 2 - Algorithms and Design
- Week 3 - Chapter 3 - Java Basics
- Week 4 - Chapter 4 - Control Statements
- Week 5 - Chapter 5 - Using Prebuilt Methods
- Week 6 - Chapter 6 - Object-Oriented Programming
- Week 7 - Midterm
- Week 8 - Chapter 9 - Arrays
- Week 9 - Chapter 11 - Recursion
- Week 10 - Chapter 10 - ArrayLists and an Introduction to the Java Collections Framework
- Week 11 - Chapter 13 - Aggregation, Composition, and Inheritance
- Week 12 - Chapter 15 - Exception Handling
- Week 13 - Chapter 16 - Files
- Week 14 - Final Project

Honesty policy:

CS Department policy dictates that any verifiable evidence of student academic cheating, as defined and determined by the instructor, will result in:

1. an automatic failing grade for the class and
2. a report to the Dean of Students that will include the student's name and a description of the student's dishonest conduct.

What constitutes cheating? As per the WSU Student Code in the PPM:

The following activities are specifically prohibited:

- a. Cheating, which includes but is not limited to:
 - i) Copying from another student's test;
 - ii) Using materials during a test not authorized by the person giving the test;
 - iii) Collaborating with any other person during a test without authorization;
 - iv) Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official
 - v) Bribing any other person to obtain any test;
 - vi) Soliciting or receiving unauthorized information about any test;
 - vii) Substituting for another student or permitting any other person to substitute for oneself to take a test.
- b. Plagiarism, which is the unacknowledged (uncited) use of any other person's or group's ideas or work. This includes purchased or borrowed papers;
- c. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;
- d. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;
- e. Giving, selling, or receiving unauthorized course or test information;
- f. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;
- g. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.

Students with Disabilities:

"Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 181 of the Student Services Center. SSD can also arrange to provide course materials (including the syllabus) in alternative formats if necessary." For more information about the SSD contact them at 801-626-6413, ssd@weber.edu, or <http://departments.weber.edu/ssd>

Date	Day	Details	
Mar 28	Thu	Reading - Chapter 14 (https://weber.instructure.com/courses/286984/assignments/1503892)	due by 11:30am
Jan 8	Wed	I have read the Syllabus (https://weber.instructure.com/courses/286984/assignments/1503857)	due by 11:30am
		Reading - Chapter 1 (https://weber.instructure.com/courses/286984/assignments/1503864)	due by 11:30am
		ICA - Hello World! (https://weber.instructure.com/courses/286984/assignments/1503858)	due by 1:30pm
Jan 13	Mon	Reading - Chapter 2 (https://weber.instructure.com/courses/286984/assignments/1503865)	due by 11:30am
Jan 15	Wed	ICA - Annual Bonus - Pseudocode (https://weber.instructure.com/courses/286984/assignments/1503862)	due by 1:30pm
Jan 19	Sun	HW - Average Weight - Pseudocode (https://weber.instructure.com/courses/286984/assignments/1503863)	due by 11:59pm
Jan 20	Mon	Reading - Chapter 3 (https://weber.instructure.com/courses/286984/assignments/1503866)	due by 11:30am
Jan 26	Sun	HW - String Processing (https://weber.instructure.com/courses/286984/assignments/1503877)	due by 11:59pm
		ICA - Sequence of Commands (https://weber.instructure.com/courses/286984/assignments/1503876)	due by 11:59pm
Jan 27	Mon	Reading - Chapter 4 (https://weber.instructure.com/courses/286984/assignments/1503867)	due by 11:30am
Jan 29	Wed	ICA - Stopping Distance (https://weber.instructure.com/courses/286984/assignments/1503878)	due by 1:30pm
Feb 2	Sun	HW - Bank Balance (https://weber.instructure.com/courses/286984/assignments/1503879)	due by 11:59pm
Feb 3	Mon	Reading - Chapter 5 (https://weber.instructure.com/courses/286984/assignments/1503868)	due by 11:30am
Feb 5	Wed	ICA - Variable Name Checker (https://weber.instructure.com/courses/286984/assignments/1503880)	due by 1:30pm
Feb 9	Sun	HW - Phone Number Dissector (https://weber.instructure.com/courses/286984/assignments/1503881)	due by 11:59pm
Feb 10	Mon	Reading - Chapter 6 (https://weber.instructure.com/courses/286984/assignments/1503869)	due by 11:30am
Feb 12	Wed	ICA - Bank Account (https://weber.instructure.com/courses/286984/assignments/1503882)	due by 1:30pm

Feb 16	Sun	HW - Circle (https://weber.instructure.com/courses/286984/assignments/1503883)	due by 11:59pm
Feb 24	Mon	Midterm Project (https://weber.instructure.com/courses/286984/assignments/1503859)	due by 11:30am
		Reading - Chapter 9 (https://weber.instructure.com/courses/286984/assignments/1503870)	due by 11:30am
Feb 26	Wed	HW - Massive Robot Throw-down (https://weber.instructure.com/courses/286984/assignments/1503884)	due by 11:30am
Mar 3	Mon	Reading - Chapter 11 (https://weber.instructure.com/courses/286984/assignments/1503871)	due by 11:30am
Mar 10	Mon	Reading - Chapter 10 (https://weber.instructure.com/courses/286984/assignments/1503872)	due by 11:30am
		ICA - Vowel Counter (https://weber.instructure.com/courses/286984/assignments/1503886)	due by 1:30pm
Mar 12	Wed	HW - Dice-Throwing Simulator (https://weber.instructure.com/courses/286984/assignments/1503885)	due by 11:30am
Mar 17	Mon	Reading - Chapter 13 (https://weber.instructure.com/courses/286984/assignments/1503873)	due by 11:30am
Mar 24	Mon	Reading - Chapter 15 (https://weber.instructure.com/courses/286984/assignments/1503874)	due by 11:30am
Mar 26	Wed	ICA - Deck of Cards (https://weber.instructure.com/courses/286984/assignments/1503887)	due by 1:30pm
Mar 30	Sun	HW - Bookstore (https://weber.instructure.com/courses/286984/assignments/1503888)	due by 11:59pm
Mar 31	Mon	Reading - Chapter 16 (https://weber.instructure.com/courses/286984/assignments/1503875)	due by 11:30am
Apr 2	Wed	ICA - Exceptions (Try...Catch) (https://weber.instructure.com/courses/286984/assignments/1503891)	due by 1:30pm
		ICA - Savings Accounts (https://weber.instructure.com/courses/286984/assignments/1503889)	due by 1:30pm
Apr 20	Sun	Final Project (https://weber.instructure.com/courses/286984/assignments/1503860)	due by 11:59pm
	Other	Roll Call Attendance (https://weber.instructure.com/courses/286984/assignments/1503861)	