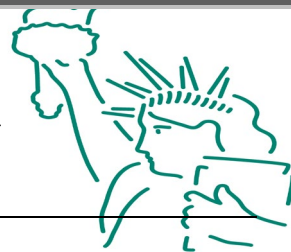


HUDSON COUNTY COMMUNITY COLLEGE

COURSE SYLLABUS



TITLE OF COURSE: CSC 117 JAVA Programming 3 CR

TERM:

PREREQUISITE(S): Math 100 or higher

INSTRUCTOR:

OFFICE HOURS: TBD

LOCATION:

EMAIL ADDRESS:

PHONE:

COURSE DESCRIPTION:

This course introduces students to Java programming, an object-oriented language. Students will develop stand-alone business applications and create applications called from within HTML page (applets) designed to be transported over the Internet and executed by browsers. The syntax, control structures, methods, arrays, strings, and characters and graphics will be applied to bring interactive applications to web clients.

STUDENT OUTCOMES/OBJECTIVES:

Upon completion of this course, students will be able to:

- Perform input and output functions using Java
- Use Java's control structures, functions, arrays, pointers, and strings
- Discuss data abstraction using classes
- Write Java programs using an object-oriented format

EVALUATION CRITERIA:

Student will be graded based on:

- Midterm 30%.
- Projects 20%.
- Final 30%.
- laboratory and homework assignments 20%.

There will be no makeup for missing tests unless official documents are presented.

Late Homework assignments:

a) Up to 3 days late, 30% penalty (10% per day).

b) Beyond 3 days, not accepted.

c) Submission of homework assignments, tests, projects is NOT accepted by email.

Any student misses a class for any reason is responsible for the notes and the assignments that are given on the day he/she missed.

The schedule for the tests and the laboratory assignments depends on the covered material.

Excess of absence will result in a failing grade (3 absences maximum for classes which meet one a week and 6 for classes which meet twice a week).

**** 20 minutes of lateness is considered one absence.**

Unless approved by the instructor or if experiencing a technical issue, turning off the camera during class time will be considered absence **(must show your face)**.

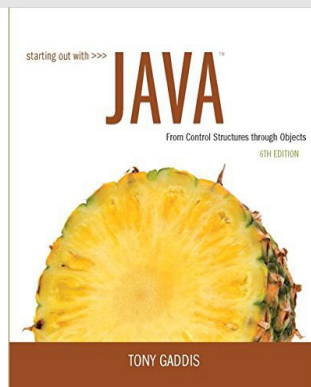
**** failure to keep Camera on or not showing your face during class time is considered absence (unless pre authorized by the instructor)**

. If students are unable to turn their cameras on, they should communicate the circumstances to the faculty member. On-campus spaces are also available to students as an alternative to home or off campus online and remote instruction. The on-campus spaces include: Gabert Library L219, L221, L222, L419, STEM Building S217, and North Hudson Campus N224, N303D. Within these rooms, students will have access to computers, web cameras, and headsets. If there are any issues with space capacity, there are several additional rooms that can be utilized.

Grading policy:

95 - 100	A
90 - 94	A-
85 - 89	B+
80 - 84	B
75 - 79	C+
70 - 74	C
65 - 69	D
00 - 64	F

Required Textbooks:



Starting out with Java
6th Edition
ISBN-13: 978-0134059877

USE OF ELECTRONIC COMMUNICATION DEVICES:

No internet browsing, instant messaging, chatting or E-mail during exams.

Disability Support Services

Students with disabilities who believe that they might need accommodations in this class are encouraged to contact the Disability Support Services at 201-360-4157 as soon as possible to better ensure that such assistance can be implemented in a timely fashion. All disabilities must be documented by a qualified professional such as a physician, licensed learning disability teacher (LDTC), psychologist, psychiatric nurse, licensed social worker or licensed professional counselor, who is qualified to assess the disability that the student claims to have and note recommendations on accommodations for the student. All information provided to the Disability Support Services Program will be confidential between the program, professors involved with the student, and the individual student.

ACADEMIC INTEGRITY

Academic integrity is central to the pursuit of education. For students at HCCC, this means maintaining the highest ethical standards in completing their academic work. In doing so, students earn college credits by their honest efforts. When they are awarded a certificate or degree, they have attained a goal representing genuine achievement and can reflect with pride on their accomplishment. This is what gives college education its essential value.

Violations of the principle of academic integrity include:

Cheating on exams.

Reporting false research data or experimental results.

Allowing other students to copy one's work to submit to instructors.

Communicating the contents of an exam to other students who will be taking the same test.

Submitting the same project in more than one course, without discussing this first with instructors.

Submitting plagiarized work. Plagiarism is the use of another writer's words or ideas without properly crediting that person. This unacknowledged use may be from published books or articles, the Internet, or another student's work.

When students act dishonestly in meeting their course requirements, they lower the value of education for all students. Students who violate the college's policy on academic

integrity are subject to failing grades on exams or projects, or for the entire course. In some cases, serious or repeated instances of academic integrity violations may warrant further disciplinary action.

RECORDING POLICY

Student Classroom Recording Policy

- Hudson County Community College prohibits the audio-visual recording, transmission, and distribution of classroom sessions. Classes may only be recorded with the advance written permission of the instructor. The Hudson County Community College classroom recording policy must be listed in all syllabi.
- All classroom recordings can only be used for academic purposes by students enrolled in that class. Recordings may not be shared, reproduced, or uploaded to public websites or other mediums, and these recordings may contain copyrighted material and are prohibited from any form of commercial use.
- All students and guests must be informed that the class may be recorded. Due to issues related to privacy and the possible inhibition of student participation, instructors should be mindful of the effects of permitting classroom recording.
- Instructors should retain electronic or paper copies of their written consent to grant classroom recordings.
- Students must destroy their recordings at the end of the semester.
- Students who are granted permission to record their class by the office of Disability Support Services should inform the instructor beforehand and are subject to the policies outlined in this document.
- Violation of this policy is subject to disciplinary action listed under the code of conduct as included in the Student Handbook. Instructor Classroom Recording Policy
- Instructors may record their classes as long as students are informed in writing in advance that recording will take place. Instructors may distribute their own lectures, but this must be limited to the lecture portion of the class. Recordings of student presentations or activities may be used in the class if the students are notified in advance of the recording. Recordings of student presentations or activities may not be distributed in any way without the advance written consent of the students.

	Topic	Lab	Homework
1	Ch1 Introduction Why Program? Computer Systems: Hardware and Software Programming Languages What Is a Program Made Of? The Programming Process		Read chapter 1 Install the Java Compiler
2	Chapter 2 discusses the following main topics: The Parts of a Java Program The print and println Methods, and the Java API Variables and Literals Primitive Data Types Arithmetic Operators Combined Assignment Operators	End of chapter program	TBD
3	Chapter 3 discusses the following main topics: The if-else-if Statement Logical Operators Comparing String Objects	End of chapter program	TBD
4	The Conditional Operator The switch Statement Displaying Formatted Output with System.out.printf and String.format The Increment and Decrement Operators The while Loop Using the while Loop for Input Validation	End of chapter program	formatting (setw(), set precision ... (hw a program to calculate the slope)select a program from the end of the chapter or professor provided program, end of chapter questions
5	Chapter 4 discusses the following main topics: The do-while Loop The for Loop Running Totals and Sentinel Values	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions

6	Chapter 7 discusses the following main topics: Arrays Section I Introduction to Arrays	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions
7	Arrays Section II Some Useful Array Algorithms and Operations Comparing array elements Summing arrays Averaging Array totals - Partially filled arrays - Parallel Arrays - String Arrays	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions
8	MIDTERM EXAM		
9	Chapter 5 discusses the following main topics: Introduction to Methods Passing Arguments to a Method More About Local Variables Returning a Value from a Method	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions
10	Break		
11	Problem Solving with Methods from CH 7 (Passing arrays to methods)	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions
12	Methods and Arrays a program/project	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions

13	Files chapter 4 and ch 7 Arrays and files chapter 7	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions
14	Chapter 11 discusses the following main topics: Handling Exceptions, Throwing Exceptions More about Input/Output Streams Binary Files, Random Access Files, and	End of chapter program	select a program from the end of the chapter or professor provided program, end of chapter questions
15	Final Review		
16	Final Exam		