



SCHOOL OF STEM SYLLABUS



TERM:

COURSE CODE: CSC-117

COURSE TITLE: Java Programming

DAY(S) AND TIME(S):

LOCATION:

INSTRUCTOR:

OFFICE HOURS:

OFFICE LOCATION:

EMAIL:

PHONE:

COURSE PREREQUISITE: MAT-100 or higher

CREDITS: 3

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 LEARNING OUTCOMES:

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

1. Describe the components of a computer and the relationships between them.
2. Perform input and output functions using Java
3. Use Java's control structures (loops, if stat, switch), functions, arrays, pointers, and strings
4. Discuss data abstraction using classes
5. Write Java programs using an object-oriented format

TEXTBOOK AND SUPPLEMENTAL MATERIALS:

Starting out with Java: From Control Structures through Objects, Tony Gaddis

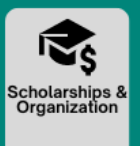
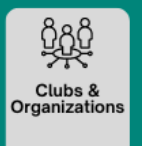
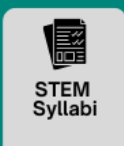
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STEM STUDENT HUB

Information & Resources tailored towards students taking any STEM courses



GRADING POLICY:

Midterm	30%
Final	30%
Projects, Lab, and Homework Assignments	40%

SAMPLE COURSE SCHEDULE:

HCCC POLICIES, STATEMENTS, AND SERVICES:

<https://www.hccc.edu/administration/academic-affairs/syllabus-addendum.html>



