

JAVA Programming, CIS:171

Instructor	Jill Lafrenz, Central High	Course No.	Java CIS: 171
Section #	032611	Credits	.5 Central 3 credits SCC
E-mail	lafrenzj@davenportschools.org	Work Phone	323-9900 (Central)
Work Period	See instructor.	Work Area	Before/After School
Class Days	Daily	Class Length	90 minutes
Room	Room 409	Prerequisites	Algebra recommended

Text, Course Pack, and Additional Materials:

- JAVA Programming, Farrell, Joyce., 5th edition, Course Technology, 2010.
- Java Programming, Complete Concepts and Techniques, Cashman, Shelly and Starks, Mick, 3rd Edition, Course Technology, 2006.

Course Description:

This course is an introductory course to the Java programming language and program design. The student will focus on creating Java applications using Applets. In the applications, students will manipulate data using methods, using decision making and repetition with reusable objects; create arrays, loops, and layout managers using external class.

Course Goals:

Student will be able to write, compile and run a simple Java application.
 Student will be able to create a Java application utilizing escape characters and a system date.
 Student will be able to write, compile, and run an applet from Java source code.
 Student will be able to create an application that identifies, declares, and uses primitive data types.
 Student will be able to design an application using Java methods.
 Student will be able to write, compile, and run an applet utilizing images and sound.
 Students will be able to create an application using if.....else decision making statement.
 Student will be able to design an application using AND, OR, and NOT logical operators.
 Student will be able to create an application using decision making while statements.
 Student will be able to create an application using try and catch statements to handle exceptions.

Class Management Procedures:

- ❖ No food or drink is permitted in the computer lab.
- ❖ Do not change the computer settings or the desktop display in any way.
- ❖ No chatting on line, reading/receiving e-mail, and message boards
- ❖ No downloading or unauthorized Internet use.
- ❖ **Absolutely no game playing.**
- ❖ No changing desktop screens will be allowed.
- ❖ Documents will be saved only to the e-lockers.
- ❖ No personal software, CD's, floppy disks or pen drives.
- ❖ Do not deface or vandalize the computer hardware.
- ❖ All work must be done in the business computer lab.
- ❖ Programming assignments must be written in a professional, business related attitude.

Attendance/Tardy Students:

Attendance:

- Few, if any students, can develop sufficient programming skills without the benefit of a class experience. Programming will be a very difficult class if you try to go it alone! You must attend class. Attendance will be taken at the beginning of each class.
- If you are absent, it is your responsibility to obtain class notes/assignments from the instructor.

Grading (Evaluation): See Class Schedule for Dates

(1) Components:

- a. Quizzes. There will usually be a Theory/Problem Quiz on most chapters that the course covers.
- b. In-Class Programming. There will be individual and group work throughout the course. Programs are designed to allow the instructor to view your work.
- c. Exams. There will be exams on each chapter covered. Exams may consist of: true/false, multiple choice, and mini problems based on assigned programs. No books or notes taken from class may be used on exams unless specifically stated by the instructor.

(2) Approximate Weight of Grading Components:

- 20% Quizzes.
- 30% In-Class Work, Programming assignments.
- 40% Exams.
- 10% Final

(3) Grading Scale:

- Grade Scale:

A	100 -- 93	A-	92-90		
B+	89 – 87%	B	86 – 83%	B-	82 – 80%
C+	79 – 77%	C	76 – 73%	C-	72 – 70%
D+	69 – 67%	D	66 – 63%	D-	62 – 60%
F	Below 60%				

- (4) **Enrichment/Extra Credit:** There will be a few announced opportunities for extra credit. These generally occur while going over homework or from class discussions; they are random in nature and at the discretion of the instructor.

Make-Up Policy: (also see “Tardy” under the Attendance section, Success In This Class):

- Excused Absences (per school policy) will be allowed to make up work. For every one day missed, two days are allowed for makeup work. Absences determined by Attendance Office.
- Student will take the test if in attendance on test day. If student is absent the day before the test or on test day (excused) student **must** make up the test the **next** returning day. Make appropriate plans to stay after school to make up test. A different chapter test will be administered.
- Any **unexcused/truancy** absence will result in a zero grade for any assignment, quiz, or test.
- **I absolutely DO NOT accept late homework or partially finished work.**

Instructor Expectations:

- Respect for fellow class members (and their individuality), the instructor and yourself. Translation, I will treat you with respect, and I expect the same. Class will be conducted in a manner that **reflects business decorum**, such as: punctual attendance, prior preparation, and the procedure of turning off **cell phones/pagers** and other similar devices.
- Unethical Behavior: Integrity is essential. Academic dishonesty (cheating) will not be tolerated and may result in course failure.
- Teacher’s role: to help you be successful in this class, but **your success in this class will hinge largely on self-discipline and the quality & quantity of effort you apply.**
- Student Handbook & Student Conduct. The handbook clearly defines the district’s expectation of student behavior, consequences, and due process.

Scott Community College:

Visit: <http://www.eicc.edu>

- Click on the Campus Cruiser link.
- Log-In using your Student ID and password.
- To access grades, class schedule, transferring of credits, registering for classes:
 - Click on E-bridge link
 - Click on Students
 - All links you will need are on the left-hand side of the screen.

Your user name is the first letter of your first name and your complete last name, lower case. Your initial password is set as the last 6 digits of you SSN or your birth date--MMDDYY. (You may be prompted to change your password during your first visit to e-bridge. Your password must be 6-9 characters and contain both letters and numbers. You are responsible for remembering your password.)

Be sure to logout after you complete your transactions. If you have questions contact 563-441-4181 (Student Services).