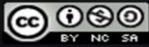


CIS084 Java Programming

*Class Orientation
and a little information on Canvas*



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Aug 2018

Welcome to the CIS084 Java Programming class.

Presentation Overview

- Course Objectives
- Contact information
- Class Info – Enrolling – How It is Presented
Books – Hardware and Software – Assignments
- What is Expected – from me, from you
- Adding and dropping classes
- Using Canvas to Submit Your Work – Feedback and Grading

Here's a list of topics covered. We have the course objectives, contact information, class information, enrolling, class presentation, hardware and software, and the course assignments. Also included are expectations from both me and you. Adding and dropping classes and just a little on using Canvas to submit your work. The final topics are feedback and grading.

CIS054 C/C++ Programming > Pages > M02: Variables, Operators and Precedence

Canvas

M02: Variables, Operators and Precedence

TOPICS COVERED

- Variables and Assignments
- Input and Output
- Data Types and Expressions
- Precedence of Operators
- Simple Flow of Control
- Program Style

PART 1 - THINGS TO STUDY

LECTURE #1
C/C++ Data

[PPT/PDF](#)

LECTURE #2
Operators

[Video 21:34 \(cc\)](#)

[PPT/PDF](#)

HOMEWORK

- Finish reading chapter 2
- 2.3 Data Types and Expressions
- 2.4 Simple Flow of Control
- 2.5 Program Style

Begin reading chapter 3

- 3.1 Using Boolean Expressions
- 3.2 Multiway Branches

Number Systems

Logical Operators

Canvas is the Learning Management System (LMS) that San José City College is using to present the class online. All assignments, links to videos, class discussions and submission of student work are to be done using Canvas.

Introducing the Java Programming Language

Java is a general-purpose object-oriented computer programming language. It is intended to let application developers "write once, run anywhere", meaning that compiled Java code can run on all platforms that support Java without the need for recompilation.

The Java Programming language was developed at SUN Microsystems and acquired by Oracle corporation.

Introducing the Java Programming Language

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The Java Programming language was developed at SUN Microsystems and acquired by Oracle corporation.

Curly-brace { } Languages

Java follows the C-language syntax of using curly-braces { } to identify blocks of code and data.

Some other languages use the words **Begin** and **End** to identify programming blocks.

These languages are called curly brace languages. The C language started off using the curly braces and derivative languages like C++, Java, Objective C, PHP, Swift and others became adopters of the curly-braces to identify a block of code or a block of data.

An open curly-brace is used to define the beginning of a block of code or data and a close curly brace is used to identify the end of the block.

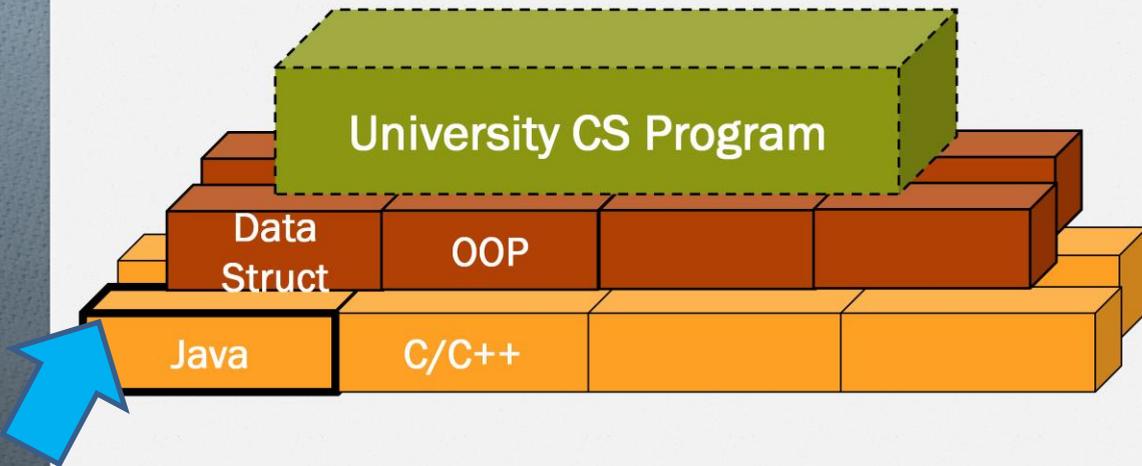
Catalog Description

Students are introduced to the Java programming language, data types, and control structures using an object-oriented approach. Topics include problem solving, classes, methods argument passing, Graphical User Interface (GUI), input/output, Java libraries, applets, and exception handling.

Here is the official catalog description of the course:

Students are introduced to the Java programming language, data types, and control structures using an object-oriented approach. Topics include problem solving, classes, methods argument passing, Graphical User Interface (GUI), input/output, Java libraries, applets, and exception handling.

Time Commitment



TIME COMMITMENT

This class should be considered an introduction to software engineering. The C/C++ and Java Programming courses provide the foundation for your future success in any computer science program. This course transfers directly to the University of California and the CSU system including San José State University. If you study hard, learn the concepts in the course and gain a working knowledge through the lab assignments, you should be well prepared for success in your future courses.

This course should not be too difficult to understand if you had a good understanding of at least high school algebra. There is not a lot of math in the course, but the ability to solve programming problems can be similar to solving word problems in math.

I never would have made it through college if I didn't have a few easy courses. I passed a couple by just showing up, listening to what the professor said and was able to repeat it. I have even taught some courses that did not take too much effort on the part of the students. **This is not one of those classes.** There is **definitely** a lot of work in this class. It is important that you do not fall behind because it can be difficult to catch up, especially if you take the class in a compressed format such as summer school.

Hours Expected for Each Unit

3 Hours per unit per week for a regular semester

Lecture

Homework

Homework

Lab Assignments

So... How is the time requirement computed for a college course?

There is an expectation that students will spend three hours of work for each college unit in a regular semester course. This evaluates to either two hours of homework for each hour of lecture, **or** three hours working on lab assignments. Or a combination of each.

Regular Semester Class

Plan to spend about 9 hours per week on a regular semester 3-unit course.



Three Units = 9 Hours per week – regular semester

Are you prepared to spend nine hours each week for a regular semester class, either on-campus class or online?

Hours may vary depending on holidays, etc.

You should then plan on spending about 9 hours per week for a 3-unit course during a regular semester.

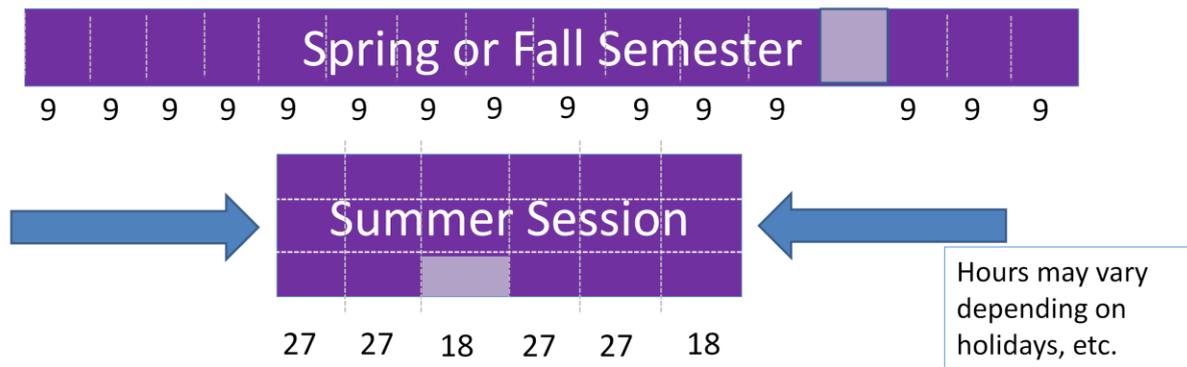
Three Units = 3 times 3 = 9 Hours per week in a regular semester

Are you prepared to spend 9 hours each week for a regular semester class, either on-campus class or online? The amount of work should be the same regardless of whether the class is offered on-campus or online.

I am not trying to scare anybody with the volume of work, but you need to be prepared for the amount of time required and committed to following through. If you have vacation plans, or your schedule is full with other important obligations, you may want to consider enrolling in the course at another time.

Summer Class

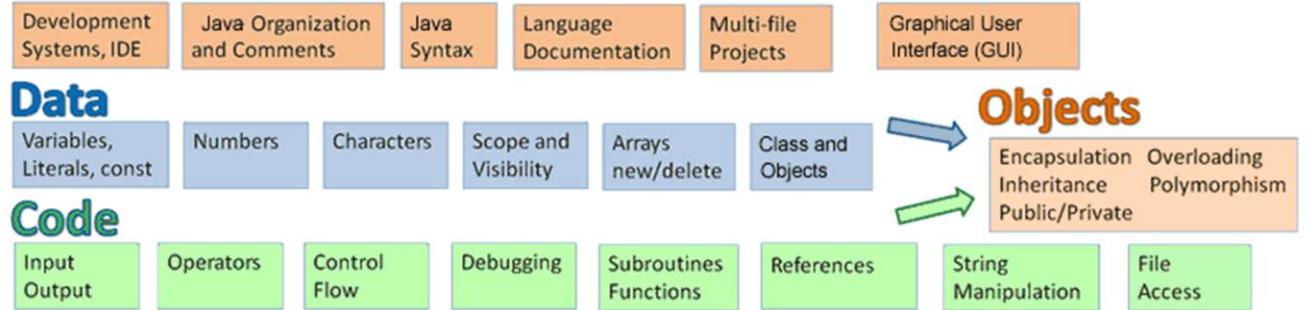
A summer class compresses a full semester's work into six weeks. You get done three times faster, but you need to work three times as hard. Plan to spend about 27 hours per week on a 3-unit course.



If you are taking the class in the summer, plan on a lot more time each week. A summer class compresses a full semester's work into six weeks. You get done three times faster, but you need to work three times as hard. Plan to spend about 27 hours per week on a 3-unit course.

Course Outline

Creating, Testing and Documenting



Program Design, Input & Output, If / Case, Loops, Functions, Recursion, Local and Global Data, Streams, Files, String Manipulation, Arrays, Structured Data, Pointers

Classes and Objects
Exception Handling,
Overloading, Inheritance,
Polymorphism, Virtual
Functions, Containers

The class starts off fairly easy. I will give you a simple program and all of the code for the program. All you need to do is to type it in and make it work. What I am looking for in this first assignment is for you to get used to working with the software development system. You could be using Eclipse, NetBeans. You could even use an online compiler for the first few assignments.

We will then cover the basics of the language such as data types, variables, literals and constants. Input and Output, math operators and logical operators, functions and subroutines. After the basics we cover references, string manipulation and file access. We also cover a good introduction to objects that are used in object oriented programming.

Are You Ready for an Online Class?

This class is being presented online using Canvas. Are you ready for an online course? Online and Hybrid Classes, also known as Distance Learning, are not for everyone. To help you decide whether distance learning is right for you, you can take this Self-Assessment Quiz:

[Take the quiz now!](#)

www.proprofs.com/quiz-school/story.php?title=sjcc-online-readiness-quiz-for-students

Are you ready for an online course? Setting aside time for an on-campus class may be easier to work with because that block of time is already set for you when you enroll. Online courses provide more flexibility but you may need more discipline to commit that time yourself. It is very important that you do not fall behind. Because of the volume of work it is not possible to do a full semester's work in the last week or two.

It can also be difficult to wait until the last hour to complete nine hours of work.

Online courses can be the procrastinators dream come true, or it could be a nightmare. Not only for you but for me too.

There is a self-assessment quiz that you may be interested in taking so that you can evaluate your potential success in taking an online class. This quiz is not graded and is not considered part of the course, but the results can be interesting if you answer the questions honestly.

Distance Learning can provide an excellent way to achieve your educational goals, especially if you need a more flexible schedule or are unable to come to campus. But you should be aware that:

- Online courses require as much time and commitment as traditional classroom-based
- Most of your communication with your instructor and with other students will be in writing (in the form of email, discussion forums, chat rooms, blogs, wikis, or other online communication methods through Moodle or Canvas).

For assistance with Canvas or MyWeb please contact the help desk: at HelpDesk@sjeccd.edu or (408) 270-6411.

For Canvas support during ALL non-ITSS hours, call 1-844-303-0353

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Introducing the Instructor and Contact Information

Dan McElroy
Computer Information Systems
San Jose City College



Computer Hardware Design
Computer Software Engineer
Hardware/Software Instructor

My name is Dan McElroy. I graduated with a degree in Electronics Engineering Technology and worked in the computer industry for over 15 years and higher education for over 20 years. I started as an electronics engineer designing circuits for computer systems and moved to computer programming. I developed software for computer networks, transaction control systems, positioning controls for lasers, medical test equipment, automotive test equipment, video games, personal data assistants and many others. I also spent several years as a technical writer documenting hardware and software projects. I started teaching Electronics and Computer Technology at West Valley College and San Jose City College. I was hired as a full-time instructor at SJCC in 1985 in the Electronics department and later transferred into Computer Information Systems teaching introductory courses, programming courses and Unix.

I am now semi-retired and only teach two programming courses each semester and one in the summer.

All of my courses are now fully online. Lecture and lab assignments are presented using a combination of videos, images and presentations using PowerPoint. I truly enjoy programming and hope to share that enthusiasm with you.

Several Ways of Communication



- E-mail using Canvas or Dan.McElroy@sjcc.edu
- Announcements through Canvas
- Your submitted assignments using Canvas
- Office Hours using Zoom teleconferencing



Canvas uses the e-mail address you provided to A&R . If your e-mail address on file with the A&R registration system is not current, you may not get important messages relating to the class.

There are several ways we can communicate with each other during the class

1. E-mail using Canvas or Dan.McElroy@sjcc.edu
2. Announcements through Canvas
3. Your submitted assignments using Canvas
4. Office Hours using Zoom teleconferencing

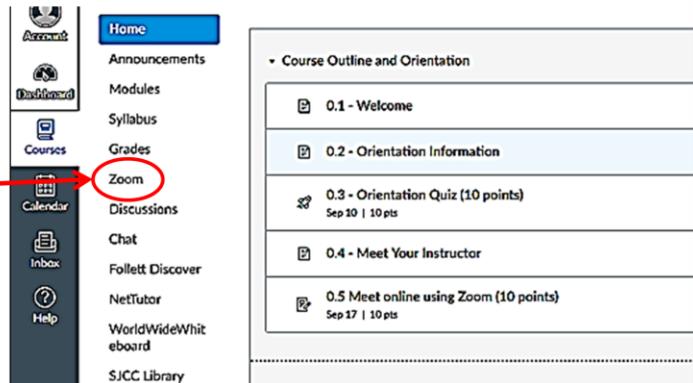
Canvas uses the e-mail address you provided to Admissions and Records when you registered for school. If your e-mail address on file is not current, you may not get important messages.

Meet on Zoom



I want to meet with each student during the the first two weeks of class using the Zoom teleconferencing service.

Click the Zoom link on the left side of the Canvas page to join a Zoom meeting.



I want to meet with each student during the first two weeks of class using the Zoom teleconferencing service. Zoom is similar to Skype

I will let you know my available times to meet.

Zoom is a great way to meet online. Later, you can use Zoom to share your screen if you are having a difficult time with a lab

assignment. A Zoom meeting is a much more efficient way to solve a programming problem rather than just using e-mail.

E-mail

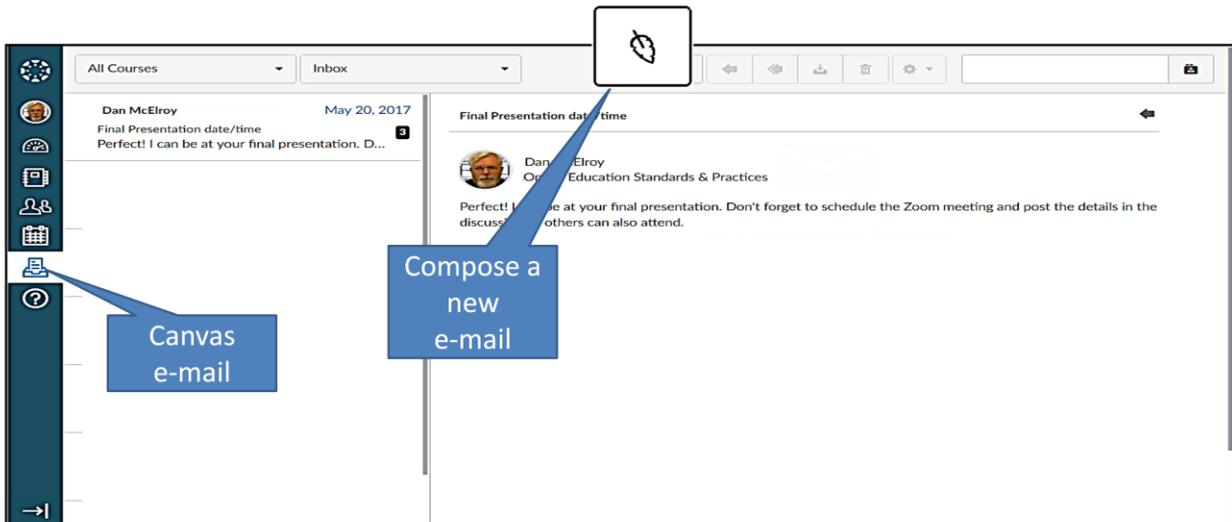


I can be reached either through my campus e-mail address **Dan.McElroy@sjcc.edu** or the Canvas e-mail. After the class has started, I ask that you use the Canvas e-mail. I get a lot of garbage on my campus e-mail. I will answer the Canvas e-mail much sooner than if you send mail directly to my campus address.

E-mail: I can be reached either through my campus e-mail address **Dan.McElroy@sjcc.edu** or the Canvas e-mail. After the class has started, I ask that you use the Canvas e-mail. I get a lot of garbage on my campus e-mail. I will answer the Canvas e-mail much sooner than if you send mail directly to my campus address.

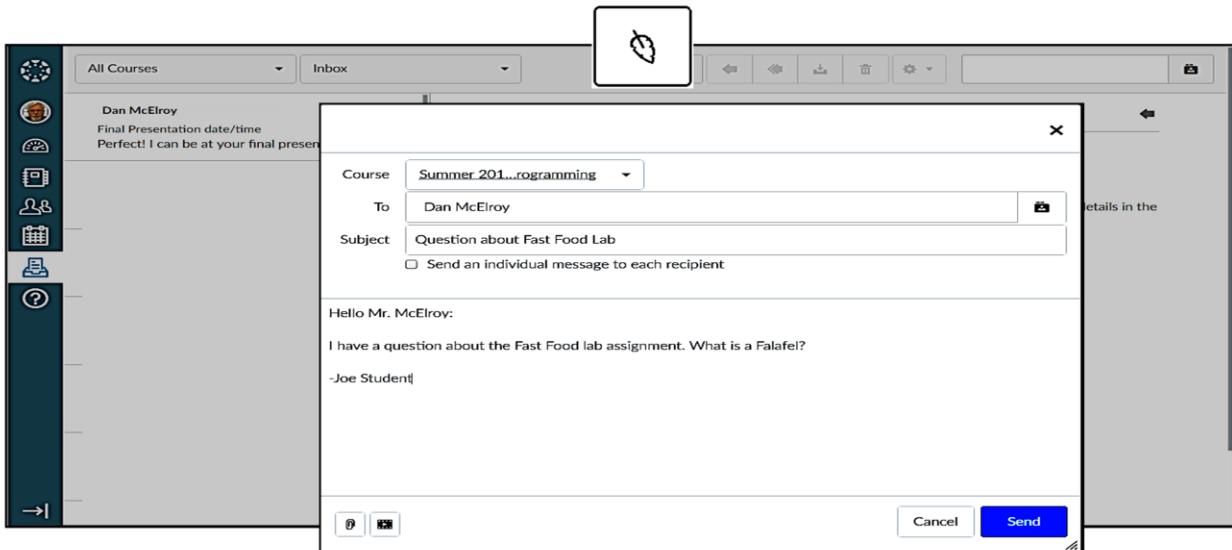
If you have an e-mail filter for spam, etc., it is your responsibility to make sure that you are receiving the e-mails that I send you, either from my college address **Dan.McElroy@sjcc.edu**, or sent through Canvas.

Using Canvas E-mail



Open the Canvas e-mail system by clicking the **Inbox** icon on the left side of the screen. A list of incoming e-mails is shown.

To Send a Canvas E-mail



To send an e-mail

- 1) Click the '**Compose**' icon
- 2) Select the course from the drop-down
- 3) Select the recipient. You can click the icon of a person to get a list
- 4) Enter the subject of the e-mail
- 5) Enter the body of the e-mail
- 6) Click the SEND button

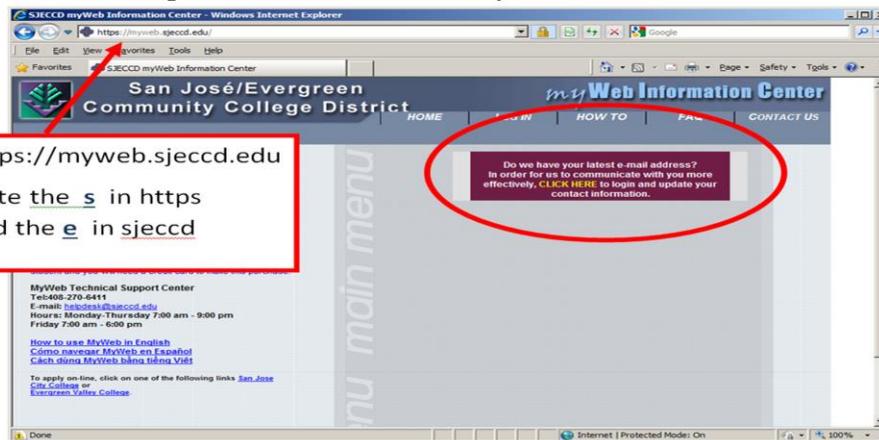
Please make sure the **Subject** line is relevant to your e-mail instead of just tagging on to an old e-mail with a different subject line.

Have You Changed Your E-mail



Log into <https://myweb.sjeccd.edu> to notify the college if you change your e-mail address.

NOTE: Your myweb.sjeccd.edu password should be the same as your Canvas password at sjcc.instructure.com password.



All correspondence through Canvas uses the e-mail address that you have listed with the Admissions and Records office. This includes any messages that I send to the class as well as scores for each assignment. It is important that you update your e-mail address if it changes. You can update your e-mail address by clicking the "CLICK HERE" message on the purple rectangle when you go to the MyWeb page at <https://myweb.sjeccd.edu>

Why do you want to take a programming class?

- Do you like something that is very logical?
- Do you enjoy working on puzzles?
- You realize that you will never know everything about programming
- Always creating new projects
- You are in control of what the computer does
- Constantly researching and trying to find answers to stuff that doesn't work.
- Do you like to fix things that are broken and make them work?

Why do you want to take programming? Is this just some required course? Or maybe you just want to see what programming is like? Maybe you want to make this as a career goal. In any case I want to make the class interesting to you and I hope you'll end up completing the full class even if you decide that you never want to touch a program again, at least you'll know what programming is like.

Why do you want to take a programming class?

- Why do you want to take programming?
Programmer for life vs. see what programming is
- Different from a lot of other classes
- Rewarding Career
- Frustrating – make it work, and you get another project
- GOAL – make programming interesting

Why do you want to take a programming class? Well, programming is a lot different from some of the other classes you may take.

Some of the classes, you may have to read some information, analyze it, figure out what is a little bit different, and then maybe write an essay on it. Well, programming, you really have to dig and figure out what's going on. Sometimes it's just a little tiny semicolon or a space that makes a program not work. Part of programming is to figure out what all of these little symbols mean.

Programming to be a very rewarding career if this is what you like to do. It can also be very frustrating because missing a little period, or missing a space or whatever and nothing works and you have to look at the stuff and look at the stuff over and over again and you can't figure it out.

Ask for help and somebody else comes over, "It's right there!" Oh man, it got me. Why didn't I see that. Umm! Somebody else found that error in the couple's seconds when I looked at it for hours.

My goal is to try to make programming interesting to you.



This Could Be Yours

This could be yours!

Here's a picture of a cube. This could be your office. Sometimes, programming is not a lot of fun. A lot of times when you're a programmer, you may end up sitting in a place like this pushing buttons most of the day, but also going to meetings and writing reports.

Course Information

- o Course Syllabus
- o Books
- o Computers on Campus

Here is some information about the class. Starting with the course syllabus, information about the books and computers on campus.

Class Presentation

- How I present the class
 - Using the IDE
 - Modify sample for new project
 - Just a Project Definition
- Dig / research to make thing work
- Reward?

How's the class presented?

I present the class starting off with information about how to use the integrated development environment, both and Eclipse and NetBeans which are available on Windows and Macintosh.

The way I present the class is I start giving you a program that all you have to do is type it in and make a work. The purpose of this exercise is to learn how to use the integrated development environment (also known as IDE). It is important that you understand exactly how the program works, because later on, you're going to need to develop similar programs and you can go back and look at those programs to see, "how can I take that program and modify it to do something similar but different."

As the class really progresses, I'll give a project definition, and then using the English words you going to have to figure out how to write a program to do what is requested.

Sometimes you may have to do a little extra digging because maybe I won't give you all the information. You may have to dig and look up stuff on the Internet, and find out and get help from people. So what is the reward? "I got

something to work - that I did myself. Yeah !"

Syllabus

JAVA PROGRAMMING - Syllabus

INSTRUCTOR: Dan McElroy Dan.McElroy@sjcc.edu

OFFICE HOURS: Meet on Zoom web teleconferencing. I am available on Tuesdays 2:00pm-2:50pm and Thursdays 6:00pm-6:50pm. I can be available at other times by mutual arrangement. If you want to meet using Zoom, e-mail and I will setup a Zoom meeting.

HELP DESK: Contact the help desk if you have problems logging into the MyWeb or Canvas servers. I can't help you with login problems. Contact me for questions about the course.

helpdesk@sjcc.edu 1-408-270-6411 (Mon-Fri 7:00am to 5:30pm)
<http://www.sjcc.edu/district-services/ITSS/help-desk>

OPEN LAB: Room T202 in the Technology Building has Microsoft Visual Studio installed on many of the computers. Lab hours depend on the availability of staff and will be posted on Canvas around the second week of class.

GENERAL COURSE INFORMATION

This course covers both the Java programming language. Java language is designed for object oriented programming (OOP). The course includes an introduction to input/output, file access, string manipulation and memory allocation and objects. Java is an object oriented programming language which features economy of expression, modern control flow and data structures, and a rich set of operators. The course will explore these features through a variety of programming assignments. This course is for students and professional programmers whose needs include applications packages and/or systems software in software environments where efficiency and portability are important. Java and all Java-based marks are trademarks or registered trademarks of Oracle Inc.

This course is being presented online and it is very important that you make sure you read and understand every part of each discussion and lab exercise requirement. It is suggested that you go over everything twice, especially anything that might be complicated or difficult to understand.

TEXTBOOK

Required Textbook (free):

Introduction to Programming Using Java 7th Edition,

by David J. Eck

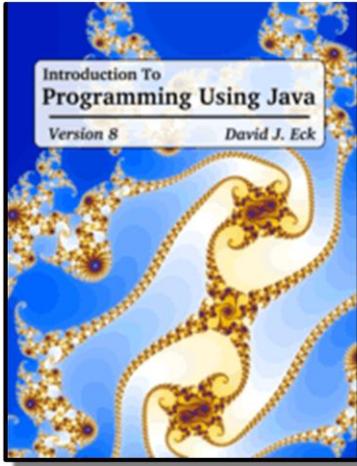


This is a zero textbook cost (ZTC). A free PDF version is available at <http://math.hws.edu/javannotes/>. Individual chapters are available on the class Canvas web page as each topic is covered.

Here is the course syllabus. The syllabus has the textbook and a lot other information on there.

It has the instructor contact, how to submit your assignments, the attendance requirements, how stuff is graded, course outline, assignment due dates and college wide important dates. Save a copy of the syllabus. You may need it to get credit if you transfer to another school.

Textbook *Introduction to Programming Using Java* by David J. Eck – Version 7



This is a zero textbook cost (ZTC) . A free PDF version is available at <http://math.hws.edu/javanotes8/>

Individual chapters are available on the class Canvas web page as each topic is covered.

Here is the textbook.

Introduction to Programming Using Java by David J. Eck –
Version 8

Only chapters 1-7 and 11 will be covered during the class

This is a zero textbook cost (ZTC) . A free PDF version is available at <http://math.hws.edu/javanotes8/>

Individual chapters are available on the class Canvas web page as each topic is covered so you don't need to print the entire textbook.

Hardware Requirements

1. **You need a computer, not a tablet.**
2. You need a PC or MacBook computer that runs either
 - a) Microsoft Windows
 - b) MacOS
 - c) Linux
3. I read on the Internet that someone was able to change a ChromeBook into 'Developer Mode' to develop Java programs. I don't know how that was done and I am not able to provide any support to help make that happen.

Here are the Hardware and Software Requirements for a computer to use in the course:

HARDWARE

1. **You need a computer, not a tablet.**
2. You need a computer that runs either Microsoft Windows, MacOS or Linux.
3. I read on the Internet that someone was able to change a ChromeBook into 'Developer Mode' to develop Java programs. I don't know how that was done and I am not able to provide any support to help make that happen.

Recommended System Requirements

Screen Size

Canvas is best viewed at a minimum of 800x600, which is the average size of a notebook computer. If you want to view Canvas on a device with a smaller screen, we recommend using the Canvas **mobile app**.

Operating Systems

Windows 7 and newer
Mac OSX 10.6 and newer
Linux

Computer Speed and Processor

Use a computer 5 years old or newer when possible
1GB of RAM
2GHz processor

Internet Speed

Canvas can accommodate low bandwidth environments. Minimum of 512kbps
YouTube videos may need a higher speed

Screen Readers for Visually Impaired Students

Macintosh: **VoiceOver** (latest version for Safari)
PC: **JAWS** (latest version for Internet Explorer)
PC: **NVDA** (latest version for Firefox)
No screen reader support for Canvas in Chrome

Here are the Recommended System Requirements for Canvas

Software Requirements

SOFTWARE - You need to use a computer on which you can install

1. The free Java Development Kit (JDK) from Oracle.
2. An Integrated Development Environment (IDE) program such as Eclipse or NetBeans.
3. The PDF Reader, free from Adobe to read the lectures and assignments
4. A word processor such as Word, Pages or OpenOffice Writer
5. A spreadsheet program such as Excel, Numbers or OpenOffice Calc

SOFTWARE - You need to use a computer on which you can install

1. The free Java Development Kit (JDK) from Oracle.
2. An Integrated Development Environment (IDE) program such as Eclipse or NetBeans.

Computers are available in the Technology Center at San Jose City College open lab with the software installed.

Software Needed – Word Processor

Select a Word Processing Program for Written Reports – choose one			
Microsoft Word (2003/2007/2010/365)	Pages (for Mac or iPad)	OpenOffice.org (for Mac or PC) Writer – word processor	Microsoft Works Works Word Processor
			

Most of the reading assignments are presented using the PDF format. Get a free **Adobe Reader** to read the PDF files <http://get.adobe.com/reader/>

The lab reports are in a DOC format which should be readable by Microsoft Word, Apple Pages, OpenOffice Writer and Microsoft Works. Although I can read documents in any of these formats, you need to submit your lab reports in the DOC format regardless of which word processor you are using.

You'll also need a word processing program to complete your assignments.

You can use Microsoft Word, or you could use Pages on the Mac. You could use Writer from OpenOffice that's available both on the Mac and PC and Linux or even Microsoft Works.

Most of the reading assignments are presented using the PDF format. Get a free **Adobe Reader** to read the PDF files <http://get.adobe.com/reader/>

When you complete your lab reports, I ask that you submit the documents in either the .DOC .DOCX or .PDF format. I use both a Mac and a PC, but most of the time I am on a PC running Microsoft Windows. If you submit your lab assignment in Apple's .PAGES format, it may be awhile before it gets graded. If you are using either the Apple Pages or OpenOffice Writer word processors, please export the report as a .DOC or .PDF file before submitting it.

Software Needed - Spreadsheet

Select a Spreadsheet Program – only needed for one of the lab assignments

Microsoft **Excel**



Apple **Numbers**



OpenOffice **Calc**



You will need a spreadsheet program for one of the lab projects around the middle of the course.

- The **Excel** program by Microsoft can be obtained free by registered students.
- The **Numbers** program by Apple can usually be obtained free from the Apple download site.
- The **Calc** program is available for Windows, Mac OS/X and Linux and can be obtained for free by downloading OpenOffice

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- The **Numbers** program by Apple can usually be obtained free from the Apple download site.
- The **Calc** program is available for Windows, Mac OS/X and Linux - and can be obtained for free by downloading OpenOffice

What is Expected?

- o What You Can Expect from Me
- o What I Expect from You

WHAT IS EXPECTED?

What can you expect from me and what I'm going to expect from you.

What You Can Expect from Me

- Well Prepared Lessons and Lab Assignments
- Fair and Honest Assessment of Your Work
- Timely Responses to Your Submissions and E-mails

WHAT CAN YOU EXPECT FROM ME?

Well prepared lessons and lab assignments, fair and honest assessment of your work, timely responses to submissions and emails.

Your e-mails submitted through Canvas should be answered within 24 hours, or 48 hours on the weekends. Your assignments should be graded within one week of when you submit them.

Although this is not from me, the college provides online tutoring services from **NetTutor**. You can get to this free service by clicking the **NetTutor** link on the left side of the Canvas screen. Several students have found this service very useful.

What I Will Expect from You

- Keep up with the assignments
- Seek help from the instructor and other students to understand programming concepts
- Do your OWN work on the assignments and submit your OWN work
- If there is some reason that you are not able to continue in the class, it is your responsibility to drop the class.

WHAT I WILL EXPECT FROM YOU

The first thing, are you ready for online course?

There's a short evaluation quiz to help you determine if you're ready for online course

The quiz is not graded and there are no right or incorrect answers. The quiz is there to help you evaluate your motivation for taking an online class, your probability of succeeding and weekly time commitments.

You need to keep up with the assignments. Seek help from the instructor and other students to help understand of programming concepts but do your own work on the assignments and submit your own work.

If there is some reason you're not able to continue the class, it is your responsibility to drop the class.

College Bureaucracy

- o Course Prerequisites
- o Enrolling, Waitlists
- o Dropping a class and getting dropped
- o Dropping with a 'W' and dropping with no 'W'
- o Getting a refund
- o Extra fees, parking & health fee
- o Funding for the course

Here's some information about college bureaucracy including prerequisites, enrolling, waitlists, dropping the class and getting dropped, dropping with no 'W', dropping with a 'W', getting refunds, extra fees and how the course is funded.

Prerequisites & Advisories - page 1

The class does not have a prerequisite listed, but it has several advisories that you should be aware of if you wish to take the class.

A prerequisite is a class that is REQUIRED before you can sign up for a class. Prerequisites are in place either for safety reasons, or to ensure that you are prepared so that you can complete the class successfully.

You can still enroll in a class if you do not meet the advisory levels, but you may have a difficult time in the class.

The class does not have a prerequisite listed, but it has several advisories that you should be aware of if you wish to take the class.

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You can still enroll in a class if you do not meet the advisory levels, but you may have a very difficult time with the class.

Prerequisites & Advisories - page 2

The class has three advisories, reading, writing and math.

ADVISORY READING LEVEL 3 – You need to be able to identify the thesis statement in college materials, make complex inferences, summarize and paraphrase information, use a college level vocabulary, etc.

This advisory is in place because the textbooks for computer programming typically are not written in Simplified English. It is important to be able to read the textbooks that present complex ideas.

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Prerequisites & Advisories - page 3

ADVISORY WRITING LEVEL 3 – You need to have the ability write a well-organized five-paragraph essay.

Although most lab reports will not contain an essay requirement, you need to be able to write lab reports at a college level.

ADVISORY MATH 2 – Algebra 1 Skills

You need to be able to work with equations and variables. Some of the lab exercises may involve either complex or imaginary numbers.

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ADVISORY MATH 2 – Algebra 1 Skills

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Enrolling in the Class

If you are a continuing student, you can enroll in the class using one of these methods:

1. Apply at the Admissions and Registration Office located in the Student Center
2. Add using the STAR telephone registration system (408) 223-0300
3. Add online using MyWeb at **<https://myweb.sjeccd.edu>**

You cannot add into a class once the class has started without an ADD CODE from the instructor.

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You cannot add into a class once the class has started without an ADD CODE from the instructor. The ADD CODES good only one time and can **not** be used until after the class has started.

Waitlist

**If you are on the waitlist,
you are NOT REGISTERED in the class.**

Important if you're on the waitlist, you are not registered in the class.

You need the ADD CODE to get added.

Important Dates



Check the schedule of classes for the important dates for the semester.

Pay special attention to the date to drop a class with no 'W' mark on your transcript, and the date to drop a class and still get a 'W'.

NOTE: San Jose City College does not automatically give a refund if you drop a class at the beginning of the semester. You must apply for the refund by a certain date or you will not get your money back.

Very important dates. Check the schedule of classes for the important dates for the semester.

Pay special attention to the date to drop a class with no W so that nothing will show up on your transcript.

Or the date to drop a class with a 'W'.

This is important! San Jose City College does not automatically give a refund if you drop a class at the beginning of the semester. **YOU MUST APPLY** for the refund before the date to drop with no 'W', otherwise you don't get any money back.

If You Need to Drop the Class

Once you have shown some commitment to the class by attending, participating in quizzes, labs, or homework, I assume that you wish to be in the class. **It is your responsibility to drop the class** if you do not wish to continue. However, you **may** be dropped by the instructor if it appears that you are not participating in the class by submitting regular course work. If you do not complete the course, and do not officially drop through the Admissions office and are not dropped by the instructor, you will receive a grade based on your completed work.

What happens if you need to drop the class?

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If You Need to Drop the Class

In other words, if you want to stay in the class, you need to submit work on a regular basis or you may be dropped. If you want to drop the class, you should drop the class by one of the drop dates to make sure it happens for the best result on your transcript.

CAUTION – If you are receiving financial aid, consult the Financial Aid office before dropping a course to determine any effect this will have on your financial aid status both here and at other colleges and universities.

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A NOTE OF CAUTION – If you are receiving financial aid, on the GI Bill or an international student, consult the appropriate office before dropping a course to determine any effect this will have on your financial aid status both here and at other colleges and universities.

Maybe something happens in your life. You move. Maybe that .COM job came around and you're making \$500,000 a year and you really don't care about this class and you don't need the class anymore.

If you decide to drop a class and can't continue, please drop it. You can do that using the MyWeb system or e-mail me.

Maybe you don't like the class. Or maybe you just don't like me. But once we get to the end of the class, I have to submit a grade based on your work. If you want to stay in the class, you can either submit the work on a regular basis or I may make the assumption that you no longer wish to participate and drop you myself. However, it is really your responsibility to drop.

If you are dropped, it is very difficult and it is a lot of paper work to get back in. A lot of people, of all away from the instructor, the dean, the vice president of instruction of academic of affairs and then the registration office have to get involved. So sometimes it takes a week maybe even two weeks to get back in the class and you may be way behind by then. Make sure that you submit your work on a regular basis so that you don't get dropped.

Funding for a Class

Community colleges in California receive funding for a class from several sources:

- * Federal funding, FASFA and grants
- * State funding from taxes
- * Local funding from property taxes and bonds
- * Student enrollment fees

Extra fees

- * Student health fees
- * Parking
- * etc.

HOW IS THE CLASS FUNDED? While we can receive some Federal funding in grants and there's also state funding from taxes and local funding from property taxes and bonds and the student enrollment fees.

The student enrollment fees, although that they may seem like a lot of money to the student, they are only a small part of what helps pay for a class.

If somebody is an international student, well, the government is not providing any of that funding and the international students have to provide the full cost for course.

And if somebody is out of state, then there's no California funding, so out-of-state students have to provide additional money to help pay for what is not being provided by the state.

The school gets some extra income from student health fees and parking. Watch out! Don't park next to the Technology Center. That parking lot is reserved for Workforce development and I can't even park there myself. The campus police make a lot of money for the school with parking citations. I have gotten four and has cost me money because I forgot to stick my parking permit in the windshield. If you get a parking ticket, I can't help you any more than I was able to help myself.

Submitting Your Work

There are three types of work that need to be submitted:

1. Discussions – You need to reply to a discussion topic and then reply to two other students' submissions
2. Tests and Quizzes – take on Canvas
3. Lab assignments – submitted on Canvas as a .DOC or .DOCX Word or a .PDF file.

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3. Lab assignments – submitted on Canvas as a .DOC or .DOCX or a .PDF file.

More information about using Canvas to submit your assignments and quizzes is available on separate presentations

Grading

Refer to Canvas for a list of the points for each assignment.

The syllabus also lists the penalties for submitting late assignments and for either submitting work created by other students, or sharing your work with other students.

I encourage you to help other students understand the course material and assignments, but each student **MUST** complete and submit their own work.

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I encourage you to help other students understand the course material and assignments, but each student **MUST** complete and submit their own work.

Academic Dishonesty Penalties

I encourage you to help other students, BUT, you are expected to DO YOUR OWN WORK.

I have several ways to help me determine if a student is submitting someone else's work. I may not catch every instance of plagiarized work, but I can catch many of them. The penalties for Academic Dishonesty far exceed the penalties for submitting your work late.

I strongly suggest that you do not share your work with other students, or share your disks or flash drives that contain your class work. Sometimes students have loaned their flash drive to another student and the second student accidentally submitted the wrong file. Other times the second student just copied the first student's work and changed the name.

I have several ways to help me determine if a student is submitting someone else's work. I may not catch every instance of plagiarized work, but I can catch many of them.

Academic Dishonesty Penalties in This Class

Other instructors may be different !!!

Penalty	Cause
zero points on the assignment and your course grade will be lowered one grade	All or some of your work was created by another student this semester, or a previous semester.
zero points on the assignment and your course grade will be lowered again.	Second offense.
an 'F' in the class	Third offense.

If it looks like work was copied, even if accidentally, the penalties will apply. Don't take the chance on messing up your grade.

Individual instructors may set different penalties for academic dishonesty. This is what I'm doing for this class.

First time, zero points on the assignment and your grade drops one grade. So if you would have gotten a 'B' in the class, now you're down to a C.

The second time, zero points on the assignment and your grade drops two times.

Third time, an F in the class. So far I've never had anybody go down to the level two.

Other instructors may give you an 'F' or kick you out of the class for the first offense. Be warned!

Welcome to the Class

I really enjoy programming and I really enjoy teaching. I look forward to working with you during the class. I hope that the class will be enjoyable, educational and intellectually challenging.

Dan McElroy

San José City College

e-mail: Dan.McElroy@sjcc.edu

And once again, a great big welcome to the class.

I really - really enjoy programming and I enjoy teaching. I look forward to working with you during the class and hope the class will be not only enjoyable, but also educational and intellectually challenging.

You can always reach me by e-mail at

Dan.McElroy@sjcc.edu

Bye, bye. See you around.

ACKNOWLEDGEMENTS

IMAGES

Wikimedia Foundation[®] Commons

VIDEO PRODUCTION

Camtasia by TechSmith