**SYLLABUS & COURSE POLICIES - Java I & II**

2021-2022

Welcome to Java Programming! This is our syllabus for the 2021-2022 school year.

Reading our syllabus is an important part of being in our course! You must complete this [Syllabus & Software Acknowledgement Google Form](https://docs.google.com/forms/d/e/1FAIpQLSdbtSLJBOjMoA6TMYEwUT7JkXQEO7twSPSs55kqczpZsF7hNw/viewform?usp=sf_link) to **receive participation points**. **This is worth 5% of your overall grade for Fall semester.**

Questions? Read our FAQ. If you don’t see your question, ask! :) : [Syllabus FAQ](https://docs.google.com/document/d/1Ye145AhxMtxEPop_hziAio2rDWdQrqcqxVkhd4lO6is/edit?usp=sharing)

Please use the hyperlinked table of contents below to navigate the syllabus. This is posted on our class message board so that you can refer back to it throughout the year.

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#### COURSE OBJECTIVES:

1. Set up a programming environment using an IDE and the Java Development Kit
2. Write, compile, troubleshoot, and execute simple Java programs
3. Control program behavior with selection statements and loops
4. Define methods, call methods, and handle values returned from methods
5. Store and manipulate data in one- and two-dimensional arrays
6. Write classes with constructors, instance variables, and instance methods
7. Create objects and interact with objects through reference variables

#### COURSE DIRECTIONS AND TIPS:

##### Software Requirements

You will need to download and install 2 items from the internet for this course: the Java Development Kit (JDK) and an Integrated Development Environment (IDE). The JDK is like a translator between the Java language and our computer’s language. The IDE is the program we use to write & run code in a user-friendly way.

| Java Development Kit (JDK) | Integrated Development Environment (IDE) |
| --- | --- |
|  We’ll need to install the JDK in order to write, compile, and run code in Java on our computer. We’ll be using the Standard Edition, which is abbreviated to Java SE on Oracle’s website. Please download the latest release from [here (at this time, this is Java SE 14)](https://www.oracle.com/java/technologies/javase-downloads.html). | BlueJ is a great IDE when you are learning how to program for the first time. It’s simple and relatively intuitive. Instructions will often be delivered in BlueJ so it is our recommended IDE for this course. Please [download the latest release of BlueJ here](https://www.bluej.org/versions.html). For Windows, select Standalone Zip and for Mac OSX, select Mac application (zipped). | If you have some programming experience, IntelliJ is a popular choice. The **Community** version of IntelliJ is free. To download, click [here for Windows](https://www.jetbrains.com/idea/download/#section=windows) and [here for Mac](https://www.jetbrains.com/idea/download/#section=mac). | Eclipse is a robust IDE mostly made for professional developers. I don’t recommend it as highly for students because it can be slow and bloated. It also does not have a very intuitive user interface, with lots of tools that students typically won’t use. If you have experience with Eclipse and want to use it, you are free to [(download from here)](https://www.eclipse.org/downloads/packages/release/2020-06/r/eclipse-ide-java-developers). If you are unsure or learning programming for the first time, I don’t recommend this option. |

\*Links to all software downloads are available in your Connexus lessons as well as on the message board, under [Software Help](https://docs.google.com/document/d/1IKowdkUvDUadzbYJleVkxNH10-qrqewSEkzBFkmnIGM/edit?usp=sharing).

##### Textbook

The textbook is available online and hyperlinked in your lessons. This is the main method that instruction will be delivered in this course. It is extremely difficult to be successful in this course without accessing the textbook regularly.

##### Links

Some of the websites linked to in this course may allow you to create an account or otherwise provide personal information. Connections Education does not require you to create an account or provide any personal information on any external website to complete this course, nor is Connections Education responsible for anything available on such websites. If you, in consultation with your Caretaker, choose to create an account or provide any personal information at any of the websites linked in this course, it is highly recommended that you review the site’s terms and conditions and privacy policy before creating an account or providing any information.

#### STUDENT-TEACHER COMMUNICATION GUIDELINES:

##### Group webmails:

I will be sending out webmails to all students in the class highlighting important news, updates, and reminders. You are responsible for knowing the information that is communicated via webmail. The information communicated via webmail will always be reflected on the message board as well.

##### How to contact me:

In addition to the above information on communication, I want you to have the following information about contacting me! This information can also be found on the “Ms. West’s Contact Info” page of the message board.

1. You can call me, webmail me, or text me!
2. My phone number is 949-445-0406. You should save it in your phone now.
3. My contact hours are 9am-4:30pm daily. Please let me know if you need to schedule a call outside of these hours and I’ll do my best to accommodate where possible.
	1. Unless we have scheduled a call, I will not return calls or text messages outside of these hours.
4. My LiveLesson office hours are Fridays 11am-11:30am. All you need to do is drop in to my [LiveLesson room](http://bit.ly/MsWestZoomLL). Please be patient as I may be helping other students who have arrived before you.

##### YouCanBookMe Appointments:

You can make appointments with me using my YouCanBookMe link: <https://bwest.youcanbook.me/>

Appointments are available Monday - Friday 9am - 4pm. Please read the instructions & policies at the top of my YouCanBookMe page. Here are my policies regarding these appointments:

1. Appointments will not be available on weekends or on school holidays
2. Please do not make more than 2 appointments in one day, in order to allow other students the chance to make appointments and get help. You can make as many appointments as you like outside of this constraint.
3. If you need to reschedule, please let me know as soon as possible via webmail, text, or by canceling the YouCanBookMe appointment from the cancel link in the email confirmation you receive.
4. If you make an appointment, **I ask that you call me at your appointment time or be present in the LiveLesson room on time**.
	1. This lets me know that you are ready to go for your appointment!
	2. I will call you if I do not hear from you within 5 minutes of your appointment.
5. Appointment slots are 30 minutes in length.

#### MESSAGE BOARDS

The message boards are the #1 most important resource for you while you are working through the course! I post important notices about deadlines, portfolios, software, tips, etc. all for you! You must use this resource to be successful in this course. Please bookmark our message board now: [Java Programming I & II Message Board](https://docs.google.com/presentation/d/10dVxca20PQl5aC0t08j1udhkKk9rNht7zOn3a-oSGiQ/present?slide=id.g34d5f47c58_9_0).

#### MOVING THROUGH THE CURRICULUM:

As you progress through the curriculum, you are able to work at your own pace but do your best to stay with your planner so you can finish the semester on time.

* Work through and complete the unit and all the assessments within it, getting help along the way when you need it.
* Take the quizzes and complete the portfolios.
	+ On your portfolios, I will provide some comments so you have feedback on your work. You can access this feedback from your Gradebook in Connexus.

#### GRADING:

You will receive a grade for all of the work that you submit in Connexus. This will include quizzes and portfolios. On your portfolios, I will provide some feedback on how to improve your work, if applicable. To check feedback, from your gradebook, click on the assignment score that was given. This is very important for improving your work.

Please note that discussions have been dropped for all students.

Participation credit is earned by completing the Syllabus Google Form linked at the beginning of the syllabus.

##### Pretests:

Pretests help you and I gauge where your strengths are before you even begin learning the lesson material. They show you what you are already familiar with, and can help you study, by showing you which topics you need to focus on. They also show your growth on each topic. You should review your Pretests when studying for the Quizzes. **They do not count towards your grade.**

##### Grade Breakdown:

| **Type** | **Weight** | **Score** |
| --- | --- | --- |
| Quiz Quiz | 45% | -- |
| Portfolio Item Portfolio Item | 45% | -- |
| Discussion Discussion | 5% | -- |
| Participation Participation | 5% | -- |

#### ASSESSMENT RULES & EXPECTATIONS:

1. **Handwritten work (submitted as scans or images) will not be accepted for credit for any assignments**. These will be given a zero. You have the opportunity to resubmit per our [Makeup Work Policy](https://docs.google.com/document/d/1MEbVCqQTA7tVQiKllIgcbhVqaYRIWwoyA2MKlXVDKNw/edit?usp=sharing).
2. **Java code submitted that does not compile will be given half credit.** You have the opportunity to resubmit per our [Makeup Work Policy](https://docs.google.com/document/d/1MEbVCqQTA7tVQiKllIgcbhVqaYRIWwoyA2MKlXVDKNw/edit?usp=sharing).
3. **Java code submitted that produces a runtime error will receive a 10-30% deduction on points**, depending on the severity and frequency of the runtime error.
4. **Code in Word documents, blank documents, extension/help requests, incorrect assignments, and any file types that are not what was requested in the lesson will receive a grade of 0.** Please refer to the [submission instructions](https://docs.google.com/document/d/1stEEnJIoVx8pZSAZy-U8sLtvZylyzskrbgM6rCn7m08/edit?usp=sharing) on the Portfolio Help page. You have the opportunity to resubmit per our [Makeup Work Policy](https://docs.google.com/document/d/1MEbVCqQTA7tVQiKllIgcbhVqaYRIWwoyA2MKlXVDKNw/edit?usp=sharing).
5. **No portfolio links & files will be accepted via webmail.** You must request the portfolio dropbox be cleared in order to resubmit. Follow the resubmission guidelines and instructions on the [Makeup Work Policy](https://docs.google.com/document/d/1MEbVCqQTA7tVQiKllIgcbhVqaYRIWwoyA2MKlXVDKNw/edit?usp=sharing) page.
6. **You may not use outside resources, especially from the internet, on portfolios under ANY circumstances.**
7. **You are allowed to use your notes on quizzes in this course, but you may NOT use your textbook, the internet, or another person to help you with quizzes**. You may not use the internet or any other outside resources while taking your quizzes in this course. Quizzes are not timed in this course, but you should avoid leaving your test open for too long. Quizzes that are open for an extended period of time past what is deemed reasonable, and without an approved accommodation for untimed tests, may be considered an Honor Code Violation.

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#### MAKEUP WORK:

Please follow the policies and procedures outlined in the [“How do I raise my grade?”](https://docs.google.com/document/d/1MEbVCqQTA7tVQiKllIgcbhVqaYRIWwoyA2MKlXVDKNw/edit?usp=sharing) section of the message board. Makeup work is accepted all the way up **until the semester deadline**, unless otherwise specified.

**Quiz corrections:** Quizzes may be corrected for half credit until the end of semester deadline. You may either complete quiz corrections over the phone or LiveLesson room, or by completing the [Java Quiz Correction form](https://drive.google.com/file/d/1kUoFIF0aRZwdQGnt2w98iQQ_I_q0Krsk/view?usp=sharing). More information on what steps you will take are available on the message board, under [“How do I raise my grade?”](https://docs.google.com/document/d/1MEbVCqQTA7tVQiKllIgcbhVqaYRIWwoyA2MKlXVDKNw/edit?usp=sharing).

**Portfolio corrections:** portfolios may be resubmitted for **up to full credit** until the end of semester deadline. Portfolio resubmissions will not be accepted via webmail and must be in the portfolio dropbox. The only time I will accept portfolio work via webmail is the **final day of the semester**. Please see the Important Dates section of the Syllabus for more info regarding dates & deadlines.

#### LIVE LESSONS:

This year our Java Programming LiveLessons will be combined with AP CSA LiveLessons.

When joining our LiveLessons, please follow our Zoom etiquette:

##### LiveLesson times:

Fridays @ 10:30am - 11:00am

Please abide by our LiveLesson room policies while in our LiveLesson together.

1. Be civil & respectful to all: your classmates, your teacher, and to yourself
2. Keep chat on topic
3. Be patient with questions
4. No sharing of personal contact information/social media accounts

#### PLAGIARISM:

Even though this is a technology class, you might still need to write a paper! All written work submitted at Connections Academy must be run through CheckMyWork. You can find instructions for how to use it on the class message board. Under no circumstances is plagiarism acceptable. All work will be checked for plagiarism. I will be adhering to our Connections Honor Code Policy, which was signed and acknowledged by all students and caretakers at the beginning of the year. If you are unsure of how to avoid plagiarism, consult the Online Writing Lab (OWL) offered by Purdue for any clarification. {<http://owl.english.purdue.edu/owl/> *}*

##### Plagiarism in a Code-focused class:

You are ***not permitted to copy code*** from the internet or from classmates. In the event that you are working with classmates on an assignment, it is always okay to discuss ideas and algorithms, but it is ***never*** okay to give another student, or ask another student, for their code. This will be punished per our school-wide Honor Code policy.

***Please note the following:***

1. On ANY assessments in this course (Tests, Quizzes, Portfolios) you are NOT to use ANY outside resources. You may use your own notes on quizzes.
2. Do NOT copy any code - the only code you should look at when working on course assessments is code provided to you in your lesson, or by me in LiveLessons
3. When taking quizzes, you are NOT to use any IDE (BlueJ, Eclipse, etc) to help you test code
4. You are NOT to share code with other students.
	1. If you would like to work with other students on portfolios, that is allowed, but you must never look at each others’ code. You should only talk about the portfolios together.
	2. You are NOT allowed to work with other students or individuals under any circumstances on tests or quizzes.

We take our Honor Code very seriously at Connections Academy. Our [Honor Code](https://drive.google.com/file/d/1wdzocQf4kwoqxZ4u0Ntp51USRqaJG70k/view?usp=sharing) and our [Honor Code Violation Policy](https://docs.google.com/document/d/1INbZdp5pvEYi7yBTLQo9dbhbv9xoaRuN6svOpN8xV8g/edit?usp=sharing) can be found at these links.

#### TECH PROBLEMS:

If a technical problem arises, it is best to call Tech Support at 800-382-6010 or 800-221-2720. They are very nice and very helpful! They can help with software downloads, installations, and user support. If you have a tech issue, please start by calling Tech Support.

Questions? Read our FAQ. If you don’t see your question, ask! :) : [Syllabus FAQ](https://docs.google.com/document/d/1Ye145AhxMtxEPop_hziAio2rDWdQrqcqxVkhd4lO6is/edit?usp=sharing)