Course Syllabus

Jump to Today

Welcome to Your Course!

(https://sit.instructure.com/courses/64673/modules)
Course Content
(https://sit.instructure.com/courses/64673/modules)

Student Support
(https://sit.instructure.com/courses/64673/pages/studen
support-resources)

All Canvas courses are supported by the Division of Information Technology (https://www.stevens.edu/it)

Questions about course content should be directed to the instructor.

Read the accessibility statements and privacy policies (https://support.stevens.edu/support/solutions/articles/19000059508) for technology that may be used in this course.

SSW325 Object-Oriented Software Engineering

School of Systems and Enterprises

Spring 2024

Instructor	Eman AlOmar - ealomar@stevens.edu

TA	Benjamin Knobloch - bknobloc@stevens.edu
Lecture Time	Tuesdays 10:00 AM - 11:50 AM
Lecture Location	North Building 105
Lab Time	Thursdays 10:00 AM - 11:50 AM
Lab Location	North Building 105 (https://stevens.zoom.us/j/95892436528)
Instructor Office Hours	Tuesdays 9:00 AM – 10:00 AM (North Building 211, https://stevens.zoom.us/j/99930709458) and by appointment – email
TA Office Hours	Thursdays 2:00 PM - 4:00 PM (SWE Lab, on the first floor of the Altorfer building)

TENTATIVE COURSE SCHEDULE

Below is a tentative course schedule, along with assignments. The schedule and content will change, which will be announced in class and canvas.

Week	Dates	Topic (slides)	Quiz
01	Jan 18	Ch 1 - Introduction to Programming (**recording (https://youtube.com/playlist?list=PLHwFrPAmNpl29lQ_nLtKxnPV1lE8mYU_f)** , **slides (https://sit.instructure.com/courses/70893/files/12869707?wrap=1)** **(https://sit.instructure.com/courses/70893/files/12869707/download?download_frd=1)**) - **exercise (https://drive.google.com/drive/folders/1_F2UWxpCsDJXpQWzNPo65eGwBiF-xRjY?usp=sharing)**	**Quiz 1 (https://sit.**
02	Jan 23 Jan 25	Ch 2 - Elementary Programming (**recording (https://youtube.com/playlist?list=PLHwFrPAmNpl0W2iKMIrc3T-8QVqnIlWuy)** , **slides (https://sit.instructure.com/courses/70893/files/12869709?wrap=1)** **(https://sit.instructure.com/courses/70893/files/12869709/download?download_frd=1)**)	**Quiz 2 (https://sit.**

		Ch 3 - Selections (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl1BA3ykFHGH_583AwOD1Fzj) , slides (https://sit.instructure.com/courses/70893/files/12869710?wrap=1) (https://sit.instructure.com/courses/70893/files/12869710/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1_F2VlPrd7G0uaM9orMqU4Tfw_CoUhVa-?usp=sharing)	
03	Jan 30 Feb 1	Ch 4 - Math Functions, Characters, and Strings (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl3Dnh--KlkwUsTvW0JAJdL1) , slides (https://sit.instructure.com/courses/70893/files/12869633?wrap=1) (https://sit.instructure.com/courses/70893/files/12869633/download?download_frd=1)) Ch 5 - Loops (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl1FeqxX4GgDOKzft0y_WhKG) , slides (https://sit.instructure.com/courses/70893/files/12869634?wrap=1) (https://sit.instructure.com/courses/70893/files/12869634/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1agrY0wgYCA7p7gwYa_OVtomOlUxkcgS4?usp=sharing)	Quiz 3 (https://sit.
04	Feb 6 Feb 8	Ch 6 - Methods (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl0Hvw06BaD7wdVZ15rKLgXY) , slides (https://sit.instructure.com/courses/70893/files/12869635?wrap=1) (https://sit.instructure.com/courses/70893/files/12869635/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1bBTH1sV4Kp8_GBNDzO1U3bg31hzylx7p?usp=sharing)	Quiz 4 (https://sit.
05	Feb 13 Feb 15	Ch 7 - Single-Dimensional Arrays (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl281H-1B2lPFcS5lh4KYmrE) , slides (https://sit.instructure.com/courses/70893/files/12869636?wrap=1) (https://sit.instructure.com/courses/70893/files/12869636/download?download_frd=1)) Ch 8 - Multidimensional Arrays (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl01Bi1pe3FAvXEaPuppJ9bg) , slides (https://sit.instructure.com/courses/70893/files/12869637?wrap=1) (https://sit.instructure.com/courses/70893/files/12869637/download?download_frd=1)) - exercise	Quiz 5 (https://sit.

		(https://drive.google.com/drive/folders/1wkiYCbHhMRK1k6zy2LOlrmLvUxo9W-yD?usp=sharing)	
06	Feb 20 Feb 22	Ch 9 - Objects and Classes (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl1HORGlkGRllKYpXRWmaaBg), slides (https://sit.instructure.com/courses/70893/files/12869638?wrap=1) (https://sit.instructure.com/courses/70893/files/12869638/download?download_frd=1)) Ch 10 - Object-Oriented Thinking (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl3p8_vKUcCM1zKqAHYL58-7), slides (https://sit.instructure.com/courses/70893/files/12869701?wrap=1) (https://sit.instructure.com/courses/70893/files/12869701/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1lPFH9E_8v2mcngUvsYFlEkFcsDy03HST?usp=sharing)	Quiz 6 (https://sit.
07	Feb 27 Feb 29	Ch 11 - Inheritance and Polymorphism (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl2afLIhrNiAQRU7aCmqbAWn), slides (https://sit.instructure.com/courses/70893/files/12869706?wrap=1) (https://sit.instructure.com/courses/70893/files/12869706/download?download_frd=1)) Ch 12 - Exception Handling and Text I/O (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl3_fYlj4TVT-nBoUK-WO3J7), slides (https://sit.instructure.com/courses/70893/files/12869705?wrap=1) (https://sit.instructure.com/courses/70893/files/12869705/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1lVjrjNUW2ubiAhNN8Cx2uz74GNaSp6Cn?usp=sharing)	Quiz 7 (https://sit.
08	Mar 5 Mar 7	Ch 13 - Abstract Classes and Interfaces (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl1JycF8Vl42fOdhEyUygXQu), slides (https://sit.instructure.com/courses/70893/files/12869720?wrap=1) (https://sit.instructure.com/courses/70893/files/12869720/download?download_frd=1)) Ch 17 - Binary I/O (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl2rRmLil3sbW14irz4PFt3u), slides (https://sit.instructure.com/courses/70893/files/12869640?wrap=1) (https://sit.instructure.com/courses/70893/files/12869640/download?	Quiz 8 (https://sit.

		download_frd=1)) - exercise (https://drive.google.com/drive/folders/1laWsF3p9-JplmcUyBqzML-WccOtKxsGi?usp=sharing)	
	Mar 10	Spring break - no class	
09	Mar 19 Mar 21	Ch 18 - Recursion (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl3P21KblquDvpnrMe1M7cj_) , slides (https://sit.instructure.com/courses/70893/files/12869641?wrap=1) (https://sit.instructure.com/courses/70893/files/12869641/download?download_frd=1)) Ch 19 - Generics (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl2uYw7ubMJmNfO7wOvh9hBv) , slides (https://sit.instructure.com/courses/70893/files/12869713?wrap=1) (https://sit.instructure.com/courses/70893/files/12869713/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1lXcsStM_w2q_nL0dVUX3XT-Bz9fVEOwc?usp=sharing)	Quiz 9 (https://sit.
10	Mar 26 Mar 28	Ch 20 - Lists, Stacks, Queues, and Priority Queues (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl1Z9hfEMwgytg6heJUHJrwl) , slides (https://sit.instructure.com/courses/70893/files/12869646?wrap=1) (https://sit.instructure.com/courses/70893/files/12869646/download?download_frd=1)) Ch 21 - Sets and Maps (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl3NCH7qMcCn8XKAin9vEWcJ) , slides (https://sit.instructure.com/courses/70893/files/12869648?wrap=1) (https://sit.instructure.com/courses/70893/files/12869648/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1lWMcTC1GlfmMh78M9M4Vqal3vVEoHgff?usp=sharing)	Quiz 10 (https://sit.
11	Apr 2 Apr 4	Ch 22 - Developing Efficient Algorithms (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl2l3U_EgXN4b0mnl8ujjF5u) , slides (https://sit.instructure.com/courses/70893/files/12869702?wrap=1) (https://sit.instructure.com/courses/70893/files/12869702/download?download_frd=1)) - exercise	Quiz 11 (https://sit.

		(https://drive.google.com/drive/folders/1IeGdElNz0TkYniaCdF1nSXMNaaL2YeUi?usp=sharing)	
12	Apr 9 Apr 11	Ch 24 - Implementing Lists, Stacks, Queues, and PQs (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl3BEKbA_a7URXyjwTWEqBvR) , slides (https://sit.instructure.com/courses/70893/files/12869714?wrap=1) (https://sit.instructure.com/courses/70893/files/12869714/download?download_frd=1)) - exercise (https://drive.google.com/drive/folders/1ltN_Knskr_EplcG_UopwktOQ0BEgZ42R?usp=sharing)	Quiz 12 (https://sit.
13	Apr 16 Apr 18	Ch 25 - Trees (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl1kPiQmd6McW9HOycisoH0H) , slides (https://sit.instructure.com/courses/70893/files/12869715?wrap=1) (https://sit.instructure.com/courses/70893/files/12869715/download?download_frd=1)) Ch 27 - Hashing (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl2WQObSNDFPDZhRGiMR3Pyh) , slides (https://sit.instructure.com/courses/70893/files/12869717?wrap=1) (https://sit.instructure.com/courses/70893/files/12869717/download?download_frd=1))	Quiz 13 (https://sit.
14	Apr 23 Apr 25	Ch 23 - Sorting (recording (https://youtube.com/playlist?list=PLHwFrPAmNpl2thsMQuQ5cxHukr8zFJipf) , slides (https://sit.instructure.com/courses/70893/files/12869645?wrap=1) (https://sit.instructure.com/courses/70893/files/12869645/download?download_frd=1)) Course review	Quiz 14 (https://sit.
		Final week - no exam	

COURSE DESCRIPTION

In this course students learn the fundamental data structures and algorithms in object-oriented programming using Java. Standard design notations from UML are used to describe software designs. Students write Java programs that use simple data structures, such as lists, queues and stacks. Fundamental time and space analyses of traditional computing problems are practiced. We'll also be

concerned with the engineering knowledge and skills needed to build and maintain moderately large programs.

Prerequisite: SSW 215 (Individual Software Engineering) or equivalent

COURSE OBJECTIVES

After successful completion of this course, students will be able to…

- Demonstrates a knowledge of fundamental principles in software design and implementation and testing of small Java applications
- Can perform simple time and space analysis of traditional computing problems and solutions
- Articulates and applies basic standard software design notations
- Constructs small object-oriented software solutions using simple data structures and algorithms
- Can describe potential impact of various practices of "safe computing" in developing simple network applications that avoid security vulnerabilities related to medicine, defense, and energy, and other important sectors

COURSE MATERIALS

Textbook (recommended):

- Y Daniel Liang, **Introduction to Java Programming and Data Structures (https://www.pearson.com/en-us/subject-catalog/p/introduction-to-java-programming-and-data-structures/P200000003470)** , Pearson Prentice Hall, 12e (**companion (https://media.pearsoncmg.com/ph/esm/ecs_liang_ijp_12/cw/)** , **recordings) (https://yongdanielliang.github.io/JavaVideos.html)**
- **(https://git-scm.com/book/en/v2)** Frank Carrano and Timothy M. Henry, **Data Structures and Abstractions with Java (https://www.pearson.com/en-us/subject-catalog/p/data-structures-and-abstractions-with-java/P200000003498)** , Pearson Prentice Hall, 12e (**companion (https://www.timothyhenry.net/dsaj4e)** , **recordings (https://media.pearsoncmg.com/ph/esm/ecs_carrano_dsabjava_5/cw/#videonotes)**)
- Mark A. Weiss, **Data Structures and Problem Solving Using Java (https://www.pearson.com/en-us/subject-catalog/p/data-structures-and-problem-solving-using-java/P200000003443)** , Pearson, 4e
- Benjamin J Evans, Jason Clark and David Flanagan, **Java in a Nutshell (https://www.oreilly.com/library/view/java-in-a/9781098130992/)** , 8th Edition, O'Reilly, 8e
- Cay S. Horstmann, **Core Java for the Impatient (https://www.oreilly.com/library/view/core-java-for/9780138051846/)** , Addison-Wesley, 3e
- Kathy Sierra, Bert Bates and Trisha Gee, **Head First Java (https://www.oreilly.com/library/view/head-first-java/9781492091646/)** , O'Reilly, 3e

Software

- Students are required to install relevant software into their computers.
- All the software run on all the major platforms (Mac, Windows and Linux). Latest versions recommended.

TECHNOLOGY REQUIREMENTS

Baseline technical skills necessary for online courses: Basic computer and web-browsing skills.

Technology skills necessary for this specific course: Installation and configuration of open source software and libraries.

Required Equipment: Computer with a webcam and mic.

Required Software: Open source software including Java JDK, Eclipse

COURSE FORMAT AND STRUCTURE

This course is going to be a flipped course where weekly recorded lectures will be delivered by Monday. You would need to watch the lecture before the meeting time and we will have a synchronous hybrid meeting to review the lecture content, discuss the topic, practice coding, and solve issues in your assignments.

The technologies keep evolving, and hence the course materials will be updated correspondingly. To access the course, please visit **stevens.edu/canvas (http://stevens.edu/canvas)** . For more information about course access or support, contact the TRAC by calling 201-380-6599 or 201-216-5500.

Instructor's Online Hours: I will be available via email and will respond as soon as I am available (generally within 24) hours. For the online discussions, I will check in at least 3 times per week. Keep in mind that it is not possible for me to respond to every single posting every week (nor is it pedagogically appropriate), but I will be sure to respond to a variety of postings and students each week and attempt to assure equality in terms of responses to students. When emailing me, in the subject line indicate the course number/section and the topic of the email (i.e. SSW 315– Assignment 2 question). This will help me tremendously in locating your emails quicker when I scan the hundreds of emails that seem to make it into my box each day.

Online Etiquette Guidelines: Your instructor and fellow students wish to foster a safe online learning environment. All opinions and experiences, no matter how different or controversial they may be perceived, must be respected in the tolerant spirit of academic discourse. You are encouraged to comment, question, or critique an idea but you are not to attack an individual. Our differences, some of which are outlined in the University's inclusion statement below, will add richness to this learning experience. Please consider that sarcasm and humor can be misconstrued in online interactions and

generate unintended disruptions. Working as a community of learners, we can build a polite and respectful course ambience. Please read the Netiquette rules for this course:

- Do not dominate any discussion. Give other students the opportunity to join in the discussion.
- Do not use offensive language. Present ideas appropriately.
- Be cautious in using internet language. For example, do not capitalize all letters since this suggests shouting.
- Avoid using vernacular and/or slang language. This could possibly lead to misinterpretation.
- Keep an open mind and be willing to express even your minority opinion.
- Think and edit before you push the “Send” button.
- Do not hesitate to ask for feedback.

Attendance: Students are expected to arrive on time for each synchronous meeting and be prepared to discuss the lecture they have reviewed. Excused absences (such as religious or medical) should be notified via email to the professor prior to the absence occurring.

Participation: In-class participation and online engagement is highly encouraged. Students are encouraged to share relevant articles, demos, web pages, news events, etc. There will be bonus points for participation in the class and online discussions.

Lab Assignment: *There will be weekly individual lab assignments. Lab assignments will focus on implementing data structures covered in the class. Assignments must be submitted by the assigned time through Canvas, and will be graded on a rigorous suite of correctness tests.*

HW Assignment: There will be bi-weekly individual homework assignments. Assignments will be done using a combination of theoretical questions and actual cases to be addressed using one or more of the approaches presented during the lecture.

Quizzes: Weekly quizzes will provide an opportunity to review the content covered in that week. Lowest scored quiz will be dropped from consideration. Quizzes have a hard deadline and need to be completed before the meeting time. Students can use notes and books but should work on the questions individually.

GRADING PROCEDURES

Both grading policy and scale are subject to change.

Grading Policy:

Quiz (30 %)

Lab assignments (30 %)

HW assignments (40 %)

Grading Scale (Tentative)

A [94 - 100]

A- [90 - 94)

B+ [87 - 90)

B [84 - 87)

B- [80 - 84)

C+ [77 - 80)

C [74 - 77)

C- [70 - 74)

D+ [67 - 70)

D [64 - 67)

D- [60 - 64)

F [0 - 60) or caught cheating

Late Policy: You are allowed to submit assignments late twice during the semester, within 24 hours of the due date, without any penalty. However, However, subsequent late assignments will be penalized by 20% per day, except holidays.

Grade appeal: You will have one week to appeal for your grades after the graded assignments/tests are returned. So, please keep this in mind if you think that there is a problem/issue with the grading of your work.

ACADEMIC INTEGRITY

You are welcome to discuss the problems or solution strategies, but the resulting work should be your own. When external material needs to be reused, it needs to be appropriately cited and clearly distinguishable from your work.

Undergraduate Honor System

Enrollment into the undergraduate class of Stevens Institute of Technology signifies a student's commitment to the Honor System. Accordingly, the provisions of the Stevens Honor System apply to all undergraduate students in coursework and Honor Board proceedings. It is the responsibility of each student to become acquainted with and to uphold the ideals set forth in the Honor System Constitution.

More information about the Honor System including the constitution, bylaws, investigative procedures, and the penalty matrix can be found online at **http://web.stevens.edu/honor (http://web.stevens.edu/honor/)**

The following pledge shall be written in full and signed by every student on all submitted work (including, but not limited to, homework, projects, lab reports, code, quizzes and exams) that is assigned by the course instructor. No work shall be graded unless the pledge is written in full and signed.

"I pledge my honor that I have abided by the Stevens Honor System."

Reporting Honor System Violations

Students who believe a violation of the Honor System has been committed should report it within ten business days of the suspected violation. Students have the option to remain anonymous and can report violations online at **www.stevens.edu/honor (http://www.stevens.edu/honor)**

LEARNING ACCOMMODATIONS

Stevens Institute of Technology is dedicated to providing appropriate accommodations to students with documented disabilities. The Office of Disability Services (ODS) works with undergraduate and graduate students with learning disabilities, attention deficit-hyperactivity disorders, physical disabilities, sensory impairments, psychiatric disorders, and other such disabilities in order to help students achieve their academic and personal potential. They facilitate equal access to the educational programs and opportunities offered at Stevens and coordinate reasonable accommodations for eligible students. These services are designed to encourage independence and self-advocacy with support from the ODS staff. The ODS staff will facilitate the provision of accommodations on a case-by-case basis.

Disability Services Confidentiality Policy

Student Disability Files are kept separate from academic files and are stored in a secure location within the Office of Disability Services. The Family Educational Rights Privacy Act (FERPA, 20 U.S.C. 1232g; 34CFR, Part 99) regulates disclosure of disability documentation and records maintained by Stevens Disability Services. According to this act, prior written consent by the student is required before our Disability Services office may release disability documentation or records to anyone. An exception is made in unusual circumstances, such as the case of health and safety emergencies.

For more information about Disability Services and the process to receive accommodations, visit **https://www.stevens.edu/office-disability-services (https://www.stevens.edu/office-disability-services)** . If you have any questions please contact: Phillip Gehman, the Director of Disability Services Coordinator at Stevens Institute of Technology at **pgehman@stevens.edu (mailto:pgehman@stevens.edu)** or by phone (201) 216-3748.

INCLUSIVITY

Name and Pronoun Usage

As this course includes group work and in-class discussion, it is vitally important for us to create an educational environment of inclusion and mutual respect. This includes the ability for all students to have their chosen gender pronoun(s) and chosen name affirmed. If the class roster does not align with your name and/or pronouns, please inform the instructor of the necessary changes.

Inclusion Statement

Stevens Institute of Technology believes that diversity and inclusiveness are essential to excellence in academic discourse and innovation. In this class, the perspective of people of all races, ethnicities, gender expressions and gender identities, religions, sexual orientations, disabilities, socioeconomic backgrounds, and nationalities will be respected and viewed as a resource and benefit throughout the semester. Suggestions to further diversify class materials and assignments are encouraged. If any course meetings conflict with your religious events, please do not hesitate to reach out to your instructor to make alternative arrangements.

You are expected to treat your instructor and all other participants in the course with courtesy and respect. Disrespectful conduct and harassing statements will not be tolerated and may result in disciplinary actions.

MENTAL HEALTH RESOURCES

Part of being successful in the classroom involves a focus on your whole self, including your mental health. While you are at Stevens, there are many resources to promote and support mental health. The Office of Counseling and Psychological Services (CAPS) offers free and confidential services to all enrolled students who are struggling to cope with personal issues (e.g., difficulty adjusting to college or trouble managing stress) or psychological difficulties (e.g., anxiety and depression). Appointments are strongly encouraged and can be made by phone (201-216-5177) or in-person (on the 7th floor of the Howe Center). CAPS is open from 9:00 am – 5:00 pm Mondays, Wednesdays, Thursdays and Fridays and from 9:00 am – 7:00 pm on Tuesdays during the Fall and Spring semesters.

EMERGENCY INFORMATION

In the event of an urgent or emergent concern about the safety of yourself or someone else in the Stevens community, please immediately call the Stevens Campus Police at 201-216-5105 or on their emergency line at 201-216-3911. These phone lines are staffed 24/7, year round. Other 24/7 resources for students dealing with mental health crises include the National Suicide Prevention Lifeline (1-800-273-8255) and the Crisis Text Line (text “Home” to 741-741). If you are concerned about the wellbeing of another Stevens student, and the matter is *not* urgent or time sensitive, please email the CARE Team

at care@stevens.edu (mailto:care@stevens.edu) . A member of the CARE Team will respond to your concern as soon as possible.

Course Summary:

Date	Details	Due
Thu Feb 2, 2023	HW 1 - RefactoringMiner (https://sit.instructure.com/courses/70893/assignments/477261)	due by 11:59pm
Thu Mar 2, 2023	HW 3 - JDeodorant (https://sit.instructure.com/courses/70893/assignments/477264)	due by 11:59pm
Wed Mar 29, 2023	HW 3 - RomanNumber Class (https://sit.instructure.com/courses/70893/assignments/477265)	due by 10pm
Thu Mar 30, 2023	HW 4 - PMD (https://sit.instructure.com/courses/70893/assignments/477267)	due by 11:59pm
Fri May 5, 2023	HW 6 - Student Records (https://sit.instructure.com/courses/70893/assignments/477269)	due by 11:59pm
Sun Jan 21, 2024	Quiz 1 - Introduction to Computers, Programs, and Java (https://sit.instructure.com/courses/70893/assignments/477251)	due by 11:59pm
Mon Jan 22, 2024	Quiz 2 - Elementary Programming & Selections (https://sit.instructure.com/courses/70893/assignments/477283)	due by 11:59pm
Thu Jan 25, 2024	Lab 1 - Leap year calculation (https://sit.instructure.com/courses/70893/assignments/477270)	due by 11:59pm
Fri Jan 26, 2024	Lab 2 - Junit (https://sit.instructure.com/courses/70893/assignments/477275)	due by 11:59pm
Mon Jan 29, 2024	Quiz 3 - Math functions, Characters, Strings, Loops (https://sit.instructure.com/courses/70893/assignments/477256)	due by 11:59pm
Thu Feb 1, 2024	Lab 3 – Tax Calculation	due by 11:59pm

Date	Details	Due
	(https://sit.instructure.com/courses/70893/assignments/477276)	
Sat Feb 3, 2024	HW 1 - Date helper (https://sit.instructure.com/courses/70893/assignments/477260)	due by 11:59pm
Mon Feb 5, 2024	Quiz 4 - Methods (https://sit.instructure.com/courses/70893/assignments/477254)	due by 11:59pm
Thu Feb 8, 2024	Lab 4 – Occurrence of Max Value (https://sit.instructure.com/courses/70893/assignments/477277)	due by 11:59pm
Mon Feb 12, 2024	Quiz 5 - Arrays (https://sit.instructure.com/courses/70893/assignments/477255)	due by 11:59pm
Thu Feb 15, 2024	Lab 5 - Card validation (https://sit.instructure.com/courses/70893/assignments/477278)	due by 11:59pm
Fri Feb 16, 2024	HW 2 - Image helper (https://sit.instructure.com/courses/70893/assignments/477263)	due by 11:59pm
Mon Feb 19, 2024	Quiz 6 - Objects, Classes and Object-Oriented Thinking (https://sit.instructure.com/courses/70893/assignments/477259)	due by 11:59pm
Thu Feb 22, 2024	Lab 6 - MyInteger Class (https://sit.instructure.com/courses/70893/assignments/477279)	due by 11:59pm
Mon Feb 26, 2024	Quiz 7 - Inheritance, Polymorphism, Exception Handling and Text I/O (https://sit.instructure.com/courses/70893/assignments/477258)	due by 11:05pm
Thu Feb 29, 2024	Lab 7 - Triangle Class (https://sit.instructure.com/courses/70893/assignments/477280)	due by 11:59pm
Mon Mar 4, 2024	Quiz 8 - Abstract Classes and Interfaces, and Binary I/O (https://sit.instructure.com/courses/70893/assignments/477247)	due by 11:59pm
Thu Mar 7, 2024	Lab 8 - Rectangle Class (https://sit.instructure.com/courses/70893/assignments/477281)	due by 11:59pm

Date	Details	Due
Mon Mar 18, 2024	HW 3 - AntiCopyPaster (https://sit.instructure.com/courses/70893/assignments/477262)	due by 11:59pm
	Quiz 9 - Recursion and Generics (https://sit.instructure.com/courses/70893/assignments/477252)	due by 11:59pm
Thu Mar 21, 2024	Lab 9 - Directory report (https://sit.instructure.com/courses/70893/assignments/477282)	due by 11:59pm
Sun Mar 24, 2024	HW 3 - AntiCopyPaster (https://sit.instructure.com/courses/70893/assignments/477262) (1 student)	due by 11:59pm
Mon Mar 25, 2024	Quiz 10 - Lists, Stacks, Queues, Priority Queues, Sets, Maps (https://sit.instructure.com/courses/70893/assignments/477249)	due by 11:59pm
Thu Mar 28, 2024	Lab 10 - Code Validator (https://sit.instructure.com/courses/70893/assignments/477271)	due by 11:59pm
Mon Apr 1, 2024	Quiz 11 - Developing Efficient Algorithms (https://sit.instructure.com/courses/70893/assignments/477250)	due by 11:59pm
Thu Apr 4, 2024	Lab 11 - Algorithm Efficiency (https://sit.instructure.com/courses/70893/assignments/477272)	due by 11:59pm
Fri Apr 5, 2024	HW 4 - Duplicate File Finder (https://sit.instructure.com/courses/70893/assignments/477266)	due by 11:59pm
Mon Apr 8, 2024	Quiz 12 - Implementing Lists, Stacks, Queues, and Priority Queues (https://sit.instructure.com/courses/70893/assignments/477248)	due by 11:59pm
Thu Apr 11, 2024	Lab 12 - DoublyLinkedList based Priority Queue (https://sit.instructure.com/courses/70893/assignments/477273)	due by 11:59pm
Mon Apr 15, 2024	Quiz 13 - Trees and Hashing	due by 11:59pm

Date	Details	Due
	(https://sit.instructure.com/courses/70893/assignments/477253)	
Thu Apr 18, 2024	Lab 13 - Binary Search Tree with parent reference (https://sit.instructure.com/courses/70893/assignments/477274)	due by 11:59pm
Fri Apr 19, 2024	HW 5 - Baby Names (https://sit.instructure.com/courses/70893/assignments/477268)	due by 11:59pm
Mon Apr 22, 2024	Quiz 14 - Lecture Overview (https://sit.instructure.com/courses/70893/assignments/477257)	due by 11:59pm