CSC210-03, Computer Science and Programming I
Fall 2021
Eastern Connecticut State University

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Office Hours: MW: 2 – 4:00,
F: 2 – 3:00, or by appointment

Course information:

Title:	Computer Science and Programming I
Day/Time:	MWF 10:00 – 10:50 AM (SCI 133)
Section:	03
Credit:	3 hours

Course Materials:

1. Required interactive textbook: *Programming in Java with zyLabs*, http://zyBooks.com, zyBook code: **EASTERNCTCSC210DancikFall2021**
2. Course notes and class website: https://gdancik.github.io
3. Programs discussed in class will be written and executed using Eclipse (https://eclipse.org). It is strongly recommended that you download Eclipse for your personal computer. More details will be provided in class.
4. Piazza (https://piazza.com) will be used for online discussion. A mobile app is available from the App store (iPhone/iPad) or Google Play (Android devices)

Course Description

An introduction to the fundamental concepts of computer science and programming. Topics include data types, control structures, arrays, files, and an introduction to objects as well as debugging techniques and the social implications of computing. The course also offers an introduction to the historical and social context of computing and an overview of computer science as a discipline.

Grading

Assignments (includes zyBooks Challenge Activities and Labs)	50 %
Exams	50%

Grading Scale (based on points earned)

925-100: **A**	895-924: **A-**	
865-894: **B+**	825-864: **B**	795-824: **B-**
765-794: **C+**	725-764: **C**	695-724: **C-**
645-694: **D+**	595-644: **D**	594 and below: **F**

zyBook: *Programming in Java with zyLabs* is an interactive online textbook that is required for this course. As you move through the zyBook, you will complete Participation, Challenge Activities, and Labs that will help you learn the material. The best way to learn programming is by doing, and the zyBook material, in-class sessions, and assignments are selected accordingly. It is extremely important to keep up with the assigned readings and assignments during this course.

Online discussion: We will use Piazza (https://piazza.com) as an online discussion and question and answer forum in this course. Shortly after the beginning of the semester, you will receive an e-mail with registration instructions sent to your Eastern e-mail address. Piazza allows students to post and answer questions, anonymously if desired. The class benefits by seeing questions asked by other students (who often have similar questions) and by contributing answers. As the instructor, I will answer questions and can endorse correct answers as well. For these reasons, all non-personal (e.g., not grade-related) questions should be posted to Piazza rather than e-mailed to me. Questions regarding homework assignments should be posted to Piazza. Questions about homeworks must be specific and may contain no more than *several* lines of code. Note that posts not meeting these criteria will be deleted and the poster penalized if warranted.

Exam Policy: Make-up exams will only be given if you have an official excuse for missing class. If you know ahead of time that you will miss an exam, please talk to me before the exam to make arrangements for taking it. Missing **two** or **more** exams without official excuses will result in your dismissal from the course with a grade of **F**.

Assignments: Assignments will take the form of assigned readings (including *zyBook* Participation, Challenge Activities, and Labs), Piazza participation, and additional programming projects and exercises. We will reserve some time during our regular class time for you to work on these assignments. However, in addition to our regular class hours, expect to spend up to **10 extra hours** each week on these assignments. All assignments are due at the **beginning** of class on the due date unless specified otherwise. *Late assignments will not be accepted* unless you have a documented excuse. **All assignments are to be completed individually (unless specified otherwise).**

Academic Honesty
You are encouraged to discuss projects and exercises with one another unless specified otherwise. However, copying answers from another student (unless otherwise specified) is *cheating* and this will not be tolerated. A student found cheating will automatically receive a grade of "F" on the assignment and will be reported to the department head with further potential consequences. In addition, students are responsible for familiarizing themselves with the University's numerous policies and procedures contained in the University Catalog and Student Handbook. The Code of Conduct policies and the Policy on Academic Misconduct are of special significance, since cheating, plagiarism, and personal misconduct are strictly prohibited and carry severe penalties. Students should read and understand Eastern's Academic Misconduct Policy, which can be found in the student handbook and at https://www.easternct.edu/academic-misconduct/.
All violations will be handled under the procedures established in this policy.

Classroom civility and safety protocols
Cell phones are not appropriate in class and must be turned off or set to vibrate and stored off of the class desk. In general, follow the Golden Rule and treat others with respect and the way you want to be treated. In addition, students are expected to adhere to current health and safety protocols as regularly updated on Easternct.edu. Any student who fails to follow safety protocols during class will be referred to the Office of Student Conduct for disciplinary review. In response to state or university restrictions, the professor may deem it necessary to revise assignments and due dates articulated here.

Accommodations for Students with Disabilities
Eastern Connecticut State University is committed to following the requirements of the Americans with Disabilities Act (ADA) of 1990, the ADA Amendment Act of 2008, and Section 504 of the Rehabilitation Act of 1973, as amended in 1998. If you are a student with a disability (or think you might have a disability) and require accommodations or assistance evacuating a building in the case of an emergency, please contact the Office of AccessAbility Services (OAS) at 860-465-0189 to discuss your request further. Please note that accommodations are not retroactive and must be communicated through a Letter of Accommodation, which is drafted by the OAS.

***Tentative course schedule**

Week	Week of	Topic		zyBook Chapters
1	8/23/21	Introduction to Java		1
2	8/30/21	Variables / Assignments		2
3	9/06/21	***Labor Day – No Class Monday***	Branches and Logical Operators	3
4	9/13/21	Random Numbers Branches and String Comparisons		3
5	9/20/21	**Exam I / Review**		1 – 3
6	9/27/21	While Loops For Loops Nested Loops		4
7	10/04/21	Loops Exercises		4
8	10/11/21	1D Arrays		5
9	10/18/21	2D Arrays		5
10	10/25/21	**Exam II / Review**		4 – 5
11	11/01/21	User-Defined Methods		6
12	11/08/21	Unit Testing		6
13	11/15/21	Recursion Programming Projects		-
14	11/22/21	Programming Projects	***Thanksgiving – No Class Wednesday or Friday***	-
15	11/29/21	Object-Oriented Programming		7
15	12/06/21	Review		6
16	12/08/21	**Exam IIII**		6

***This is a tentative schedule and is subject to change**