

CSC210-02, Computer Science and Programming I
Spring 2018
Eastern Connecticut State University

Instructor: Dr. Garrett Dancik
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Office Hours: MWF: 10-11:00,
MW: 2-3:00, or by appointment

Course information:

Title: Computer Science and Programming I
Day/Time: MWF 11:00 – 11:50 AM (SCI 135)
Section: 01
Credit: 3 hours

Course Materials:

1. Required interactive textbook: *Programming in Java with zyLabs*,
<http://zyBooks.com>, zyBook code: **EASTERNCTCSC210DancikSpring2018**
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

Points will be awarded as follows:

Category	Description	Maximum Points (% of final grade)
Assignments (includes <i>zyBook</i> Challenge Activities and Labs, and additional projects)	approximately 12 assignments @ 17 points each = 204 points available	200 points (20%)
Participation (<i>zyBook</i> activities and Piazza)	approximately 10 participation activities @ 16 points each = 160 points available	150 points (15%)
Attendance	After 1 unexcused absence, each additional unexcused absence will result in a loss of 10 points	50 points (5%)
Exams	3 exams @ 200 points each	600 points (50%)
Total Points		1000 (100%)

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**

Attendance: Attendance is required. Missing one class without an official excuse will result in 1% deduction from your final grade (up to 5%). In addition, exercises may be assigned and collected during class.

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 and Challenge Activities 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 Lab Submissions), 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. www.easternct.edu/academicmisconduct
All violations will be handled under the procedures established in this policy.

Classroom civility

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.

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	Chapters
1	1/15/18	<i>Martin Luther King Holiday - No Class Monday</i>	1
		Introduction to Java	
2	1/22/18	Variables / Assignments	2
3	1/29/18	Branches and Logical Operators	3
4	2/5/18	Branches and String Comparisons	3
5	2/12/18	Exam I / Review	1-3
		<i>Lincoln's Birthday - No Class Friday</i>	
6	2/19/18	<i>President's Day - No Class Monday</i>	4
		While Loops and For Loops	
7	2/26/18	Nested Loops	4
8	3/5/18	Loops Exercises	4
9	3/12/18	Spring Break	
10	3/19/18	1D Arrays	5
11	3/26/18	2D Arrays	5
		<i>Day of Reflection - No Class Friday</i>	
12	4/2/18	Exam II / Review	4-5
13	4/9/18	User-Defined Methods	6
14	4/16/18	User-Defined Methods and Scope	6
15	4/23/18	Programming Projects	-
16	4/30/18	Introduction to Objects and Review	7
		Exam III (Friday, 5/11/18, 11 - 1:00)	

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