

Computer Programming Principles I

Course Syllabus (CIS 230 – Spring 2022, 4 credit hours)

Instructor: Dr. Gilliean Lee (Lectures), Dr. Mike Dalton (Labs)
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(e-mail's *title* MUST include "CIS 230" and the topic of your interest. The email should start with a proper greeting, such as "Dear Dr. Lee", or "Dr. Lee." Otherwise, e-mail may not be read or replied in time)

Class Meetings: Section 11 – Lectures : MWF 1:00 pm – 1:50 pm in LL 101
Labs: TR 12:30 pm ~ 1:45 pm,
or TR 2:00 pm ~ 3:15 pm in LL 203

Office Hours: (Dr. Lee) MW 10 – 11 am; R 9 – 10 am; F 11 am–12 pm (All office hours are in-person and online; online sessions to be hosted through Blackboard Collaborate Ultra)
* Other times available by appointment
(Dr. Dalton) TR 11:00 am – 12:20 pm (in person), F 2:00 – 3:00 pm, and 4:00 – 5:00 pm (virtual)
* Other times available by appointment

Textbook: Revel Introduction to Java Programming and Data Structures, 12e, Y. Daniel Liang, ISBN-13 9780135945476 (REQUIRED). Can be purchased from Bearcat Shop, or our course's REVEL website. See *Announcement* on Blackboard to find out how to join the class in REVEL™.

Prerequisites: Successful completion of CIS 130 with a "C" or above.

Rationale of the Course

CIS Students should have skills to solve complex problems within the field of CIS. This course teaches fundamental skills to identify, describe, and solve a problem by writing an effective computer program in a programming language widely used currently.

Problem-solving and algorithm development. Includes programming style, structured programming, selection, iteration, arrays, subprograms, and modular programming. Course environment will be both lecture and practicum.

Course Objectives: Students successfully completing this class will:

- Identify and describe a problem in terms of input and output
- Write algorithms to solve a variety of problems
- Write reasonably complex programs using
 - constants, variables of proper data types, branches, loops, array with proper styles
 - structured programming using functions
 - basics of object-oriented programming with user-defined classes and Java language classes

Grading: Lab Assignments	25%	A	90 – 100%
Midterm Exams (2)	40%	B	80 – 89%
Final Exam	25%	C	70 – 79%
REVEL Homework	10%	D	69 – 60%
		F	below 60%

- **In order to receive a passing grade (C or above), Final Exam score or Average of exam scores should be at or above the passing score (70%) as well as the cumulative score.**

Flexibility of Instructional Methods and Continuity of Education

- If, for any reason, Lander University finds it necessary to modify or suspend face-to-face classes, this course will continue, with some or all instruction, assessments, and feedback delivered electronically. In such an event, it will be important for you to have access to high speed Internet and a reasonably up-to-date computer with a Windows or MacOS operating system that is capable of both playing and recording video. This means you will need an integrated webcam or a separate webcam that you can connect your computer. Helpful information on computer technology is available at:

- https://www.lander.edu/sites/default/files/Documents/Academics/Resources/ITS/StudentLaptopRecs_Rev_5-25_2020.pdf
- Some classes may deliver tests with the Respondus Lockdown Monitor, a video test proctoring service, which will not work on a Chromebook or similar non-Windows/macOS devices. This tool will record you and your testing environment while you take your test, and the recording will be available to your instructor for review in the event that there are any concerns about potential violations of the Lander University honor code. Follow this link to watch a short overview of this academic integrity tool
- <https://www.youtube.com/embed/XuX8WoeAycs?rel=0&autoplay=1> .
- In the event of a modification or suspension of face-to-face classes, the university will do everything in its power to support students and provide any equipment they may need to continue learning remotely. Students should make every effort to communicate these needs to the Lander ITS Help Desk before leaving campus.
- Note, in the event that you must miss class for significant time due to illness or injury, you will likely need computer access similar to that described above.

Homework: The assigned e-textbook (REVEL™) sections are required to be completed before the start of each class, which include reading paragraphs, live examples, animations, Exercise Set problems, self-check questions, and word-matching problems. Especially, **scores on (auto-graded) Exercise Set problems will count towards your homework grade.** Due dates can be found on each section of REVEL assignments.

Course Web Page: Announcement, lecture slides, and assignments announcement and submission will be made through a Blackboard Course Web page. You must check the course Web page daily for up-to-date information of the class. REVEL assignment due dates will be posted on REVEL website.

Lab Assignment Policy: Programs (Lab assignments) should be submitted through Blackboard by specified due dates. Due date of each lab assignment can be found on Blackboard assignment. In case of emergency, such as malfunction of Blackboard, assignments may be submitted through e-mail to Dr. Lee, but not preferred.

“Programming Exercises from the Book” (assignments from end of chapters in REVEL) **must be running on REVEL [Exercise Check Tool](#) webpage except the problems that involve random number generation. Make sure the your program has NO Compilation Error, and prints out meaningful results. Submission with COMPILATION/RUNTIME ERROR or WITHOUT GENERATING MEANINGFUL OUTPUTS/RESULTS will get 0 POINT!**

Copying from online resources and other’s work frequently detected. Such plagiarism will be penalized with a score of 0 on the whole lab assignment, or even failure on this course. Further action may follow based on The Lander University Academic Honor Code.

Late Submission Policy:

- **Homework:** Homework done after class hour (and after due) will be given 80% of full grades, and after 1 week no credit will be given.
- **Lab Assignments:** a late submission will get 80% of full grades, i.e. 20% late penalty. After a week, a grade of zero will be given for the lab assignment.

Attendance: Each of three tardy attendances (late) is counted as an absence. If you come to class late, you will have to check with instructor after the class is finished. Otherwise, it is possible that you be marked absent. Leaving class early will be counted as an absence (unless illness or prior approval).

As for attendance including virtual portion (lecture and lab meetings), you will be considered **late** after 5 minutes, and **absent** after 20 minutes.

If unexcused absences are more than 5 times in class meetings OR 5 times in lab hours, you will get FA for this course unless the course is dropped.

Make-up Policy: For a missed test, only documented and approved absences will be allowed (Death in family, severe illness, etc.) for make-up. In such occasions, you must notify the instructor **before 24 hours** of the test time in order to schedule a make-up test. Failure to do so could result in a zero for the test.

Tentative Schedule

Meeting #	Date	Topic
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1	Jan 10	Chapter 1. Introduction
2	Jan 11	Lab Assignment 1
3	Jan 12	Chapter 1
4	Jan 13	Lab Assignment 1
5	Jan 14	Chapter 1
	Jan 14	Registration and Drop/Add Ends
	Jan 17	MLK Holiday
6	Jan 18	Lab Assignment 2
7	Jan 19	Chapter 2. Elementary Programming
8	Jan 20	Lab Assignment 2
9	Jan 21	Chapter 2
10	Jan 24	Chapter 3. Selections
11	Jan 25	Lab Assignment 3
12	Jan 26	Chapter 3
13	Jan 27	Lab Assignment 3
14	Jan 28	Chapter 3
15	Jan 31	Chapter 3
16	Feb 1	Lab Assignment 4
17	Feb 2	Chapter 5. Loops
18	Feb 3	Lab Assignment 4
19	Feb 4	Chapter 5
20	Feb 7	Chapter 5
21	Feb 8	Lab Assignment 5
22	Feb 9	Chapter 5
23	Feb 10	Lab Assignment 5
24	Feb 11	Chapter 5
25	Feb 14	Chapter 5
26	Feb 15	Lab Assignment 6
27	Feb 16	Chapter 6. Methods
28	Feb 17	Lab Assignment 6
29	Feb 18	Exam 1 (during lecture hour)
30	Feb 21	Chapter 6
31	Feb 22	Lab Assignment 6
32	Feb 23	Chapter 6
33	Feb 24	Lab Assignment 7
34	Feb 25	Chapter 6
35	Feb 28	Chapter 6
36	Mar 1	Lab Assignment 7
37	Mar 2	Chapter 6
38	Mar 3	Chapter 7. Single-Dimensional Arrays
39	Mar 4	Lab Assignment 7
	Mar 7~11	Spring Break
40	Mar 14	Chapter 7
41	Mar 15	Lab Assignment 8
42	Mar 16	Chapter 7
43	Mar 17	Lab Assignment 8
44	Mar 18	Chapter 7
45	Mar 21	Chapter 7
46	Mar 22	Lab Assignment 9
47	Mar 23	Chapter 7
48	Mar 24	Lab Assignment 9
49	Mar 25	Chapter 7
50	Mar 28	Exam 2 (during lecture hour)
51	Mar 29	Lab Assignment 10
52	Mar 30	Chapter 8. Multidimensional Arrays
53	Mar 31	Lab Assignment 10

54	Apr 1	Chapter 8
55	Apr 4	Chapter 8
56	Apr 5	Lab Assignment 11
57	Apr 6	Chapter 8
58	Apr 7	Lab Assignment 11
59	Apr 8	Chapter 9
60	Apr 11	Chapter 9. Objects and Classes
61	Apr 12	Lab Assignment 12
62	Apr 13	Chapter 9
63	Apr 14	Lab Assignment 12
64	Apr 15	Chapter 9
65	Apr 18	Chapter 9
	Apr 18	Last Day to withdraw individual course
66	Apr 19	Lab Assignment 13
67	Apr 20	Chapter 4. Mathematical Functions, Characters, and Strings
68	Apr 21	Lab Assignment 13
69	Apr 22	Chapter 4
70	Apr 25	String, StringBuffer class, File I/O
	May 2 (Mon)	Final Exam 11:00 am – 1:00 pm

Classroom and Campus Policies

Academic Honor Code: Students are expected to do their own work on all graded material. The Lander University Academic Honor Code may be found in the Lander Student Handbook. You are responsible for understanding the possible consequences of violating the code.

You may discuss a problem and its solution **verbally**, but **showing or reading other student's work is strictly prohibited and considered cheating**. Detailed verbal communication that allows one to program codes line by line is also **cheating**. Minimum penalty is getting 0 on the assignment or exam.

Communication: Your instructor may communicate with you at any time using your **Lander E-mail account and/or Blackboard**. You are expected to check them **every** day.

Classroom Responsibilities (Approved by the Lander Faculty)

All Lander students will . . .

- read and follow their professors' syllabi, including course guidelines and procedures, to be prepared for class
- check their Lander email accounts daily and check blackboard daily (if used in class) for class announcements, assignments, etc.
- be aware of each professor's absence and tardy policies
- communicate concerns about classes to their professors, including asking for clarification if the student does not understand an assignment or expectations
- be courteous to peers, professors, and the learning environment, avoiding the following disruptive classroom behaviors: sleeping, inappropriate talking, inappropriate laptop use, rudeness, doing homework for other classes, text messaging, or answering cell phones
- not give, use, or receive unauthorized aid in academic activities because these are serious violations of academic integrity
- know and accept the consequences of committing plagiarism, which could include receiving a failing assignment grade, failing the course, or being suspended from the University.

Reference to Lander's Honor Code

The Lander University Academic Honor Code may be found in the Lander Student Handbook. You are responsible for understanding the possible consequences of violating the code.

Reference to Lander's inclement weather policy

I encourage you not to risk traveling to campus if weather conditions are hazardous and prevent safe travel. If you miss a class due to travel conditions and the University is not closed you are responsible for all material covered in class during your absence. Whenever classes are canceled, Lander will inform local TV and radio stations. In addition information will be posted at the Lander website: www.lander.edu. A recorded message will also be provided at (864) 388-8000.

Reference to Lander's ADA policy

If you have a physical or learning disability you must contact the Lander University Wellness Center, 388-8885, studentwellness@lander.edu to receive reasonable accommodations. Once the Wellness Center has received appropriate documentation, your instructors will be informed of approved accommodations.

Policy Concerning Cell Phones (Approved by the Lander Faculty)

Cell Phones are to be turned off before entering the class (lab, clinical, etc) and shall remain off for the duration of the class. If there is an extenuating circumstance which requires the cell phone to be on during a class, the student must obtain permission prior to the class from the instructor to leave the phone on vibrate. Cell phones are not to be visible or used at any time, especially during quizzes or exams. Each instructor reserves the right to further restrict use of cell phones in class and to determine the consequences of not following this policy.

Notice of Nondiscrimination:

Lander University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, gender identity, gender expression, pregnancy, childbirth or related medical conditions, national origin, age, disability, veteran's status, genetic information or protected activity (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972.

Individuals experiencing sex-based discrimination, sexual harassment, or sexual violence are encouraged to contact the Title IX Coordinator in person, mail, telephone, electronic mail, using the contact information listed for the Title IX Coordinator, or by completing an online complaint form. Reports may be made at any time (including during non-business hours) by using the telephone number or electronic mail address, or by mail to the office address.

Title IX Coordinator: Tracy Clifton

Office Phone: 864-388-8055

Office Location: Room 347, Grier Student Center

Mailing Address: 320 Stanley Avenue, CPO Box 6012, Greenwood, SC 29649

Please visit <https://www.lander.edu/about/title-ix> and <https://www.lander.edu/about/statement-non-discrimination> to review the applicable policies, access the complaint forms, and learn more about the pertinent grievance processes.