

CMP 269 - Programming Methods III Syllabus

Semester	Class Section	Class Hours	Room Number
Fall 2025	01-LEC Regular	Tu & Th 12:00PM - 1:40PM	GI 333

Instructor	Email	Office Number	Office Hours
Steven Fulakeza	steven.fulakeza@lehman.cuny.edu	Gillet Hall 232	• Tu 3:50 pm to 5:50 pm • Tu & Th 9:30 to 10:00 pm • Su 4:30 pm to 5:30 pm Online via Appointment using this link https://calendly.com/s/fulakeza/15min

Course Description: *4 hours, 4 credits*

An In-depth exploration of Object-Oriented programming with emphasis on inheritance, interfaces, multi-threading, I/O, GUI, recursion and unit testing. Programming projects to be implemented in different languages.

PREREQ: CMP 158 and CMP 168 - In this course, we will do extensive programming in Java, C++ and Python. It is assumed that all students are capable of reading and writing programs in some programming language.

Course Objectives:

1. Gain experience in implementing projects across different programming languages
2. Explain and apply fundamental object-oriented programming concepts, including classes, objects, inheritance, and interfaces
3. Design and create class hierarchies using inheritance and interfaces to promote code reuse and flexibility
4. Develop and implement tests to ensure code reliability and correctness, integrating testing practices into the development process
5. Develop multi-threaded applications that effectively manage concurrent operations and improve performance

6. Apply recursion to solve complex computational problems, demonstrating an understanding of both benefits and challenges
7. Work collaboratively in teams to plan, develop, and present programming projects, emphasizing effective communication and project management skills
8. Demonstrate proficiency in performing I/O operations, including reading from and writing to files
9. Evaluate and critique code quality and design patterns, providing constructive feedback for improvements

Grading Policy:

- Participation & Challenge Activities from Textbook: 8%
- Homework Problems: 20%
- Midterm: 32%
- Final Exam: 40%

All your assignments: P&C, Homework and Projects are submitted through your zyBooks. All assignments have strict due dates. Late submissions are NEVER accepted.

All assignments allow for unlimited attempts to submit via zyBooks prior to the deadline.

For each assignment, the highest earned submission score will be recorded.

The final exam is comprehensive. Since the final exam is comprehensive, if you do better on the final exam than the midterm exam, the final grade can replace the midterm grade. This will be done automatically when your final grade is calculated. This policy does not apply to cheating incidents.

The last date to withdraw from a course with a W is Thursday, November 6

Grading Policy

Letter Grade	Ranges %
A	93 - 100
A-	90 - <93
B+	87 - <90
B	83 - <87
B-	80 - <83
C+	77 - <80
C	73 - <77

C-	70 - <73
D+	70 - <67
D	63 - <67
D-	60 - < 63
F	< 60

Exam Schedule

- Midterm Exam Date: TBA
- Final Exam Date: Tuesday, 12/16/2025 from 12:00 pm to 2:00 pm

Note: Missed final exam = Unofficial Withdraw (WU).

Expectations: Students are expected to attend the lecture regularly. Students are expected to learn the material covered in the lecture, the lab, and the textbook as well as any other assigned reading or exercises. Students are expected to actively participate in the slack communication channel and regularly check for messages or announcements. Students are expected to complete homework as an essential part of the learning experience. Students should review topics from prior courses as needed using old notes and books. All work must be your own.

Honor Code: You are encouraged to discuss the overall design of programs and homework. However, all work must be your own for all programs and homework assignments. Any sources used in the completion of your assignment must be explicitly quoted. You are responsible for knowing and following Lehman's [academic integrity code](#) (available from the Undergraduate Bulletin, Graduate Bulletin, Office of Academic Standards and Evaluations, or the Smart Catalog). All incidents of cheating will be reported to the Vice President of Student Affairs.

You are allowed to discuss problems with classmates, but only in general terms, and you must specifically avoid discussing any solutions. If we find you plagiarizing and cheating, we will not accept "I didn't know" as an excuse.

You must also resist the urge to copy code from the web. Therefore, students in this course may not use any websites that enable cheating, such as by uploading or downloading material for this purpose. Use of these websites including uploading proprietary materials constitutes a violation of the academic integrity policy. Here are some of the websites you should avoid copying code from:

- <https://www.chegg.com/>
- <https://www.coursehero.com/>
- <https://www.bartleby.com/>
- <https://www.answersaccess.com/>
- <https://stackoverflow.com/>

- ChatGPT

WhatsApp, GroupMe, Discord, and Student-to-Student Communication:

In the past, students have created their own digital communication channels. While students may use digital communication tools such as WhatsApp, Discord, GroupMe, Slack, CircleIn App, Telegram, WeChat, etc. to communicate with fellow students. It is crucial to remember that academic integrity policies still apply in these environments. Providing information to others about the contents of examinations or quizzes is prohibited, as is receiving unauthorized information about examinations, projects or assignments. Also, sharing of homework, exam, or project solutions is strictly prohibited. Students are expected and required to immediately report instances of such violations to the instructor.

Avoid copying or sharing work on Social Media groups including, but not limited to, the following apps:

- <https://www.whatsapp.com/>
- YouTube
- <https://discord.com/>
- <https://slack.com/>
- <https://www.circleinapp.com/>
- Telegram
- There are other similar social media apps that students use but not listed here too

Such websites or Apps may give you the answers you need, but they may also lead you to plagiarize.

Below are examples of work that may be considered plagiarized:

- Copying from another student or representing someone else's work as your own.
- Copying from the Web.
- Working together with a group of other students on a non-group assignment
- Using or obtaining unauthorized assistance in any academic work
- Using unauthorized sources during an examination (other students, notes, internet etc).
- Obtaining prior knowledge of examination questions or possessing a stolen copy of an examination.
- Providing unauthorized assistance to another student.
- Representing previously completed work as current without discussing it with the instructor

Communication: We will be communicating with you on a regular basis throughout the semester using slack. Occasional emails will also be sent out via CUNYFirst or Blackboard to the email address

you provided. You must check for messages on a regular basis. **There will be no acceptable excuse for missing an announcement.**

Homework: Programming problems are due most weeks. Problems will be in your online textbook. These programming problems reinforce concepts covered in class. To receive full credit for a program, it must be completed by the specified due date and the program must perform correctly as per the assignment specifications and zyBooks test cases.

Late submissions are NOT accepted.

Unlimited attempts to submit via zyBooks are permitted prior to the deadline.

The submission with the highest grade will count as your grade for the assignment.

ONLY submissions via zyBooks will be accepted and scored via the automated test cases.

If you need help or have homework questions, do not hesitate to contact your instructor.

Programming can be challenging, please start homework early so you will have time to ask questions in class, during office hours, or by email. You should also stop by your instructor's office (make an appointment if office hours do not fit your schedule) if you have questions or want to review some of the material. We are here to help you learn and understand!

Participation & Challenge Activities: Reading and interacting with the zyBooks earns you points while learning the material. Complete the assigned P&C items by the due dates specified to earn credit for your participation and keep on track with learning the required concepts.

Materials and Resources:

Textbook: <https://learn.zybooks.com> zyBook code: **CUNYCMP269FulakezaFall2025**

Technology:

- Access to personal computers with [Eclipse IDE](#), [JDK 8](#)
- [C++](#)
- [Python](#)

Tutoring: Departmental tutoring is available at the CS Lab in GI-222, on the 2nd floor of Gillet Hall.
site: [CS Lab](#) email: cs.lab@lehman.cuny.edu

Computer Access: Part of this course will use university computer laboratories. These machines are for work related to this course only and a code of conduct applies to computer use in the department and on-campus. Misusing university computers could result in losing your computer access for the rest of the term, making it exceedingly difficult to complete this course.

Additional Online Resources:

Oracle Documentation: <https://docs.oracle.com/javase/tutorial>

Oracle JavaDoc: <https://docs.oracle.com/javase/8/docs/api>

GitHub Repository <https://github.com>

Interactive Book: <https://books.trinket.io/thinkjava>

Videos: [Free Java Videos](#)

Interactive Online Coding Practice:

[CodingBat code practice](#)

[Practice-It!](#)

[CodingGame](#)

[Learn Java Online](#)

[Visualize Java code execution](#)

[Tutorialspoint.com/java](#)

Accommodating Disabilities: Lehman College is committed to providing access to all programs and curricula to all students. Students with disabilities who may require accommodations are encouraged to register with the Office of Student Disability Services located in Shuster Hall, Room 238.

Telephone: 718-960-8441

Email: disability.services@lehman.cuny.edu Site: <http://www.lehman.edu/student-disability-services>