CPS 210 Computer Science I: Foundations - Sections 4 through 5 (Fall 2025)

Instructor & Course Information:

Instructor:	**Sreya Banerjee, PhD**
Title:	**Assistant Professor**
Email:	banerjes@newpaltz.edu
Course ID:	**CPS210-04/05**
Course Credit:	**4**
Prerequisites:	**Math Placement Level 4 or MAT152 Minimum Grade of C-**
Location:	**CSB Auditorium**
Lecture Hours:	**Tuesdays and Fridays at 12:30 PM - 1:45 PM EST**
Office Hours:	**Wednesdays and Thursdays 11:00 AM - 1:00 PM EST or by appointment (Please contact me/ the department admin assistant to make appointments)**
Office Location:	**SH 250**
Last day to withdraw:	**November 14**
Labs:	**Section 4 : Time: Wed 2:00 PM – 4.50 PM; Loc: LC 110 TA: Catherine Chowdhury (chowdhuc1@newpaltz.edu)**
	Section 5: Time: Tues 2:00 PM – 4:50 PM; Loc: SH 259 TA: Catherine Chowdhury (chowdhuc1@newpaltz.edu)
Date to opt Satisfactory/Unsatisfactory option	**December 8, 2025**

Course Description:

Algorithms, computer organization, data representation, program structure, programming techniques,
numerical and non-numerical problems with emphasis on the analysis of problems and the formulation of algorithms for their solution. Numerous short programming assignments.

Student Learning Outcomes:

Students should be able to:
1. Edit, compile, and run a Java program
2. Use an integrated development environment
3. Develop algorithms and write pseudo code for simple computing tasks
4. Understand various data types
5. Understand classes and Objects, variables, methods and their implementation and uses
6. Use control structures
7. Understand concepts of encapsulation, information hiding, inheritance
8. Use of File I/O and Error handling

Introductory Critical Thinking and Reasoning SLO's

Students will:
• clearly articulate an issue or problem.
• identify, analyze, and evaluate ideas, data, and arguments as they occur in their own or others' work.
• acknowledge limitations such as perspective and bias; and
• develop well-reasoned (logical) arguments to form judgments and/or draw conclusions.

Introductory Information Literacy SLO's

Students will:
• locate information effectively using tools appropriate to their need and discipline;
• evaluate information with an awareness of authority, validity, and bias; and
• demonstrate an understanding of the ethical dimensions of information use, creation, and dissemination.

Teaching Assistant (TA) Details

Section 04 and 05 – Catherine Chowdhury (chowdhuc1@newpaltz.edu)

Reading Materials (highly recommended, but not absolutely required)

Selected sections from the first 10 chapters from
Introduction to Java Programming and Data Structures, Comprehensive Version, 11 Edition by Y. Daniel Liang; ISBN: 978-0134694511

Notebook Computers

You will need to bring a notebook computer to do your work in the Labs. You MAY also need to bring a notebook computer for your Tests and Final exam. You do not necessarily need to bring a computer for lectures.

Labs

There is a weekly 3-hour lab for this course. It is held in a computer lab, where a TA will be available to answer all your questions. **Lab attendance is mandatory**. The structure of the lab will be as follows:

1. The TA will initially step you through some examples, based on the previous lectures.
2. Afterwards, you will have a chance to work on homework problems on your own, with help from the TA. I will assign the homework problems each week. These will not be graded.
3. Towards the end of the lab, you will be given a short quiz based on material done during the lab. This is a graded quiz, which will have to be done individually (no consultation with others).

Grading Information

Your grade will be based on 4 in-class tests, labs and attendance. The dates of the exams and the percentage each exam contributes to the total is given below (these are subject to change based on class progress):

1. **Exams (60%)**:
    a. Test 1 - tentatively on **September 26th, 2025** (25%) during lecture hours.
    b. Test 2 - tentatively on **October 31st** (25%) during lecture hours
    c. Test 3 - tentatively on **November 25th** (25%) during lecture hours
    d. **Final exam - December 12 (12:30 PM – 2:30 PM, 25%)**
2. **Labs (30%)**:
    a. Lab assignment/Homework completion (50%)
    b. Quizzes (50%)
3. **Lecture (3%) and Lab Attendance (7%)**

Please Note: Except for documented medical emergencies, there will be no makeup tests.

Grade scale (by percentage):

90 – 100 % of total – A
84 – 89 % of total – B
80 – 83 % of total – B- (Note that you need a B- to go to CS2)
74 – 79% of total – C
70 – 73 % of total – C-
60 – 69 % of total – D
0 – 59 % of total – F

E-mail and Brightspace

E-mail and Brightspace are primary means of communication between the instructor and the students. Receiving and reading course email, as well as periodically checking Brightspace is your responsibility.
E-mails will be answered within 24 hours Monday through Friday and within 48 hours Saturday and Sunday. The best time to reach me is Monday through Friday during regular hours (9 AM - 5 PM EST).

On plagiarism (or cheating)

All assignments in this course are to be completed individually unless a collaborative project is specifically assigned. You may use online resources for reference, but sharing code with other students is considered plagiarism. This includes copying and pasting code from any source, including the internet. Any instance of plagiarism or cheating will result in a failing grade for the assignment. If plagiarism is detected in a single question, the entire assignment will receive a zero. Be aware that suspected cases of academic dishonesty will be reported to the Department Chair and the Graduate Coordinator. Please review the official university policies on plagiarism at
https://www.newpaltz.edu/acadaff/academic-policies-including-academic-integrity/

Attendance

Attendance at all classes and labs are expected. Notes will be posted on Brightspace after each class, but far more detail will be discussed in class than is included on the slides, so regular attendance and note-taking is strongly recommended. In the case of any absence, you are responsible for obtaining the missed information from another student. Please see additional campus-wide policies on attendance below.

https://www.newpaltz.edu/ugc/policies/policies_religious.html

Exams

There will be 3 exams in total:
1. Test 1, tentatively scheduled in September during lecture hours.
2. Test 2, tentatively scheduled in October during lecture hours.
3. Test 3, tentatively scheduled in November during lecture hours.
4. Final exam, scheduled on **December 12, 2025 12:30 PM – 2:30 PM.**

Exams will be in similar format to the assignments/quizzes..

Please Note: Except for documented medical emergencies for which you will be required to submit a doctor's note, there will be no makeup tests.

Due Dates and Late Policy

Unless due to an emergency, assignments are due at the end of the lab. There will be no exception to this rule.

Campus-Wide Policy Statements

Academic integrity policy statement: Students are expected to maintain the highest standards of honesty in their college work. Cheating, forgery, and plagiarism are serious offenses, and students found guilty of any form of academic dishonesty are subject to disciplinary action. New Paltz's policy on academic integrity is found at: www.newpaltz.edu/ugc/policies/policies_integrity.html.

Reasonable accommodation of individuals with disabilities statement: Students needing classroom and/or testing accommodations related to a disability should contact the Disability Resource Center (Student Union, Room 210, 845-257-3020) as close as possible to the beginning of the semester. The DRC will then provide students' instructors with an Accommodation Memo verifying the need for accommodations. Specific questions about services and accommodations may be directed to Deanna Knapp, Assistant Director (knappd@newpaltz.edu) or Jean Vizvary, Director (vizvaryj@newpaltz.edu).

Veteran & Military Services statement: New Paltz's Office of Veteran & Military Services (OVMS) is committed to serving the needs of veterans, service members and their dependents during their transition from military life to student life. Student veterans, service members or their dependents who need assistance while attending SUNY New Paltz may refer to www.newpaltz.edu/veterans; call 845- 257-3120, -3124 or -3074; e-mail np-vms@newpaltz.edu; or stop by the Student Union, Room 100 South.

Computer and network policies statement: Users of New Paltz's computer resources and network facilities are required to comply with the institutional policies outlined in the Acceptable Uses and Privacy Policy, available at www.newpaltz.edu/itpolicy/.

Identity verification policy statement for online courses: New Paltz's Online Identity Verification Policy is designed to verify that students enrolled in our online courses and/ or programs are the ones who take the courses, complete the programs, and receive

the academic credit. See www.newpaltz.edu/ugc/policies/policies_onlineverification.html for the complete policy.

Student Evaluation of Instruction

You are responsible for completing the Student Evaluation of Instruction (SEI) for this course and for all your courses with an enrollment of five (5) or more students. I value your feedback and use it to improve my teaching and planning.

Names & Pronouns

SUNY New Paltz recognizes the importance of a diverse student body, and we are committed to fostering equitable classroom environments. You are invited to share how you want to be referred to, both in terms of your name and your pronouns (he/him, she/her, they/them, etc.). I will do my best to address and refer to all students accordingly and will support you in doing so as well. In this classroom, we will respect and refer to people using the names and personal pronouns that they share.