

CS 1111: Introduction to Computer Science – Summary

Course Purpose

Gives you foundation in computer science: number systems, logic gates, operating systems, networks, security, databases, programming basics, and emerging tech. No prerequisites – beginner-friendly.

Textbook

No single main textbook. All readings/resources are provided weekly in the Learning Guide. You don't need to buy anything.

Weekly Topics

- Unit 1: Introduction to Computer Systems
- Unit 2: Number Systems & Codes
- Unit 3: Boolean Algebra & Logic Gates
- Unit 4: Operating Systems
- Unit 5: Databases (DBMS overview)
- Unit 6: Computer Networks & Security
- Unit 7: Programming Fundamentals (algorithms, loops, debugging)
- Unit 8: Emerging Trends (AI, Cloud, IoT, Blockchain, VR)
- Unit 9: Review + Final Exam

Grading Breakdown

- Discussion Forums (5 total): 30%
- Assignments (6 total): 35%
- Quizzes (2 graded: Unit 3 & Unit 6): 20%
- Final Exam (Week 9): 15%

■ Weekly work matters more than the final exam. If you participate steadily, you'll pass safely.

Important Rules

- Deadlines are strict. No late submissions unless you have strong reasons.
- Non-participation 2 weeks = automatic fail.
- Academic honesty is strict. No copy-paste. Use APA citations when referencing.
- Discussion = post + reply to 2 classmates.

What to Focus On

- Start every week with the Learning Guide (that's your roadmap).

- Do readings first → they're your lecture.
 - Post in Discussion Forum by Wednesday.
 - Assignments + Quizzes by Sunday.
 - Review your notes for Week 9 final exam.
- In short: CS 1111 = big-picture intro to CS. Learn one new topic per week. Focus on discussions, assignments, and quizzes (they're most of your grade). Final exam is only 15%, but you must pass it.