Orientation

Course Credit hours

- CSC 111: Computer Programming I

  Credit Hours: 4 Units

  Weekly Schedule

  - **Lecture:** 3 hours
  - **Lab:** 2 hours
  - **Tutorial:** 1 hour

  Attending Lecture, tutorial, and lab is mandatory

Recommended Textbooks

01 Required Textbook

“Java: An Introduction to Problem Solving and Programming,” 7th Edition by W. Savitch.

02 Additional Textbooks

“Introduction to Programming with Java: A Problem Solving Approach”, 3rd Edition By John Dean and Ray Dean.

“Java How to Program,” 7th Edition by Deitel and Deitel.

"Introduction to Java Programming, Comprehensive Version," 10th Edition by Y. Daniel Liang.

03 Exercise Recommendation

It is recommended to solve programming exercises from any Java accessible textbook to enhance understanding and skills.

Using the LMS

01 Accessing Course Materials

All course materials, including lecture slides, lab sheets, and tutorial sheets, will be uploaded on the LMS.

Students are encouraged to check the LMS daily for announcements and updates.

02 Familiarization with the System

If you have not used the LMS before, it is important to log in and get acquainted with its features.

Understanding how to navigate the LMS will enhance your learning experience and ensure you stay informed.

Course Start Dates

Week 1

Lectures

slides will be uploaded on LMS.

Week 2

Labs and Tutorials

Tutorial and lab sheets are also uploaded on LMS.

Course Objectives

Introduce the student to the principles of Object-Oriented Programming. This is achieved by training the student to do the following:

- Solicit input and output data from a given problem
- Design a flowchart as an introductory step before writing a program
- Get acquainted to the elements of a Java program
- Know the structure of a Java program
- Apply Java statements to write the program
- Use special data structures such as arrays, if needed
- Use pre-defined packages
- Use the UML standard documentation
- Learn how to edit, compile, run and debug a program on jGrasp

Course Syllabus Overview

Topic
Course Orientation & Introduction
Problem Solving & Program Structure
Elements Of A Java Program
Input And Output Statements
String Class And Methods
Selection Statements
Iteration Statements
Methods
Principles Of Object-oriented Programming
Arrays, Primitive Data Types, Reference Variables

Grade Distribution

ITEM	WEIGHT
Final Exam	40%
Course Work	60%

Course Work	
Quiz	5%
Midterm	20%
Lab	20%
Lab Exam	10%
Tutorial	5%

Important dates

ITEM	Date	Time
Quiz	09/10/2025	During the lecture
Midterm	20/10/2025	12:00 – 1:30 PM
Lab Exam	17/11/2025	12:00 – 1:30 PM
Final Exam	21/12/2025	1:00 – 4:00 PM

Lab Evaluation

Lab Evaluation

Evaluation Components: exercises will be included to assess understanding and application of lab concepts.

Performance Assessment: Students will be evaluated based on their ability to complete lab assignments and demonstrate proficiency in programming tasks.

Tutorials

Tutorials

Purpose and Structure: Tutorials are an integral part of the CSC 111 course, designed to reinforce learning and provide hands-on experience with programming concepts.

Content and Exercises: Each tutorial includes specific content and exercises that align with the course objectives, allowing students to apply their knowledge in practical scenarios.

Course Regulations

01 Submission Guidelines

All homework assignments or project documents must be submitted using MS-Word or appropriate software.

Handwritten submissions are not accepted.

02 Attendance Policy

Students must not exceed 25% absence from lectures, labs, and tutorials.

Exceeding this limit results in denial of entry to the final exam.

03 Plagiarism Policy

Plagiarism is strictly prohibited and will incur severe penalties.

04 Recording Restrictions

Recording lectures or distributing recorded sessions without permission is forbidden.

Legal actions may be taken for unauthorized distribution.

05 Email Communication

Emails must begin with *CSC111* followed by the section.

Include your name and ID at the end of the email when contacting the instructor.

Email Communication Guidelines

01 Email Format

All emails must begin with CSC111 followed by your section.

02 Recipient Information

Emails should be sent to the instructor's designated email address: yourInstructor@KSU.edu.sa.

03 Identification Requirements

Include your name and student ID at the end of the email for proper identification.

Course Policy on the Use of AI Tools

The use of Artificial Intelligence (AI) tools—including but not limited to ChatGPT, Copilot, Gemini, Claude, or any similar software—for assignments, projects, quizzes, or examinations is strictly prohibited in this course.