### 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

#### **10** Required Textbook

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

### Exercise Recommendation

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

#### 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.

### Using the LMS

#### 11 Accessing Course Materials

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

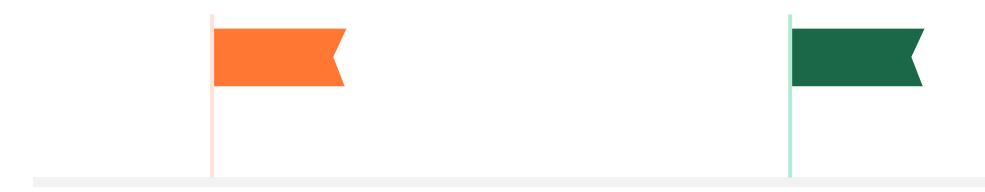
Students are encouraged to check the LMS daily for announcements and updates.

### 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%
<b>Course Work</b>	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

#### 1 Submission Guidelines

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

Handwritten submissions are not accepted.

Recording lectures or distributing recorded sessions without permission is forbidden.

Legal actions may be taken for unauthorized distribution.

#### **102** 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.

### Recording Restrictions | 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.

### **Plagiarism Policy**

Plagiarism is strictly prohibited and will incur severe penalties.

### **Email Communication Guidelines**



All emails must begin with CSC111 followed by your section.

## Recipient Information

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

#### **13** Identification Requirements

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

### Course Policy on the Use of Al 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.