



# **Hankuk University of Foreign Studies**

#### 2025 Winter Session

# **CSC 270 Business Application Development**

## **Course Outline**

Course Code: CSC 270

Instructor: Dr. Suman Saha

**Home Institution: Pennsylvania State University** 

Office Hours: By appointment

Email: szs339@psu.edu

Credit: 4

**Class Hours:** 

This course will have 60 class hours, including 32 lecture hours, professor 8 office hours, 8-hour TA discussion sessions, 4-hour review sessions, 8-hour extra classes.

## **Course Description:**

Introduces the use of a high-level object-oriented programming language as a problem-solving tool, including basic data structures, object-oriented programming techniques, and software documentation. Designed for students who have had little or no prior experience with computer programming.

### **Required Textbooks:**

Java Illuminated third edition by Anderson.

### Grading System $(1 \sim 100)$

A+: 96 - 100	A: 91 - 95
B+: 86 - 90	B:81 - 85
C+: 76 - 80	C:71 - 75
D+: 66 - 70	D: 60 - 65



F: 0 - 59	
Pa: Pass	Fa : Fail

## **Course Schedule:**

### Week1

- Session 1: Introduction to Java
- Session 2: Data Types and Date
- Session 3: Introduction to Object Oriented Programming and UML
- Session 4: Implementing Classes and Methods

(Quiz 1 and HW1)

### Week2

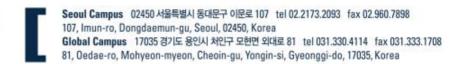
- Session 1: Branches
- Session 2: Loops
- Session 3: Arrays
- Session 4: Midterm Exam

## Week3

- Session 1: Classes Continued and Inheritance
- Session 2: Methods Continued and Polymorphism
- Session 3: Input and Output
- Session 4: Exception Handling

(Quiz 2 and HW2)

#### Week4





- Session 1: Object Oriented Design
- Session 2: Graphical User Interfaces in Java
- Session 3: Advanced Graphical User Interfaces
- Session 4: Final Exam

