

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 52 class hours, including 32 lecture hours, professor 8 office hours, 8-hour TA discussion sessions, 4-hour review sessions.

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

Seoul Campus 02450 서울특별시 동대문구 이문로 107 tel 02.2173.2093 fax 02.960.7898 107, Imun-ro, Dongdaemun-gu, Seoul, 02450, Korea Global Campus 17035 경기도 용인시 처인구 모현면 외대로 81 tel 031.330.4114 fax 031.333.1708 81, Oedae-ro, Mohyeon-myeon, Cheoin-gu, Yongin-si, Gyeonggi-do, 17035, Korea

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

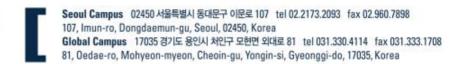
- Session 1: Branches
- Session 2: Loops
- Session 3: Arrays
- Session 4: Midterm Exam

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

