



**Hankuk University of Foreign Studies**  
**2023 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](mailto: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 ~ 100)**

The final score will be scaled and the scaled score will be used to assign a Course grade.

A+ : 96 - 100	A : 91 - 95
B+ : 86 - 90	B : 81 - 85
C+ : 76 - 80	C : 71 - 75



D+ : 66 - 70	D : 60 - 65
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

