



Hankuk University of Foreign Studies
2024 Summer 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 ~ 100)

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



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|--------------|-------------|
| 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

