한국외국어대학교
HANKUK UNIVERSITY OF FOREIGN STUDIES

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Hankuk University of Foreign Studies

2023 Winter Session

CSC 210 Intellectual Foundations of Informatics

Course Outline

Course Code: CSC 210

Instructor: Mo Sha

Home Institution: Florida International University

Office Hours: By appointment

Email: msha@fiu.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：

Information becomes one of the basic values of modern society. The design of information systems, information technology, and even information itself can have significant impacts on economics, security, and quality of life. This course introduces the basic concepts, design, and development of information systems. Topics include computer hardware and software fundamentals, computer communication, data, machine learning, example information systems, etc.

Required Course Materials:

Brian W. Kernighan and Dennis M. Ritchie. The C Programming Language. 2rd edition, Prentice Hall, 1988

Grading:

There will be one exam, which tests the skills of information system development, and one system design project, which tests the skill of information system design. The exam accounts 30 points and

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the system design project accounts 70 points. The exam and system design project will be graded by the instructor.

Grading Policies:

The exams will be given in the last week, closed notes, and closed book. You must take the exam during the one time that we give it. Readability of your project report is as necessary as correctness. Expect to lose points if you provide a badly written and unclear "correct" solution. Late submission will not be accepted under any circumstances. Plan to turn in your project report early.

Grading System (1 ~ 100)

The final score with be scaled and the scaled score with 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

The course outline is tentative and may be modified accordingly depending on the pace of the class.

Week 1: Introduction to information, data, machine learning, computer hardware and software, and information systems.

Week 2: Introduction to computer communication, networking, and information technology.

Week 3: Information system development and programming basics.

Week 4: Information system design for healthcare, civil infrastructure, and automation.