



## **Hankuk University of Foreign Studies**

### **2025 Summer Session**

### **CPM 101 Introduction to Programming**

### **Course Outline**

**Course Code: CPM 101**

**Instructor: Mo Sha**

**Home Institution: Florida International University**

**Office Hours: TBA and 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:**

Review of programming concepts, programming environments, debugging tools, large program management and design.

This course is designed to provide a solid foundation and background in basic programming techniques and concepts, as well as an overview of programming in the C language:

- review basic programming concepts and problem solving techniques
- programming in a Linux environment without the help of an IDE
- programming and problem solving in the C language
- overview of simple data structures
- implement algorithms efficiently and correctly
- system tools useful for debugging

#### **Required Textbooks:**



Brian W. Kernighan and Dennis M. Ritchie. The C Programming Language. 2nd edition, Prentice Hall, 1988 [Free online].

**Grading & Evaluation:**

There will be one exam, 60 points. Exam tests basic programming concepts. Homework accounts 40 points. Homework tests the skill of programming and problem solving.

**Grading System (1 ~ 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:**

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

**Week1:** Basic C Programming Concepts, C Programming Environment, Variables and Conditionals, and Bitwise Operations.

**Week2:** Preprocessing, Functions, and Arrays.

**Week3:** User-defined Data Types, and Pointers.

**Week4:** Input and Output, and Applications.