

플랫폼 기반 프로그래밍: Introduction

2019년 2학기
채 흥 석

Syllabus (1/2)

- ❖ 플랫폼 기반 프로그래밍 in Java
 - 객체지향 프로그래밍: class, inheritance
 - 그외 프로그래밍 기법: interface, thread, exception handling
 - Network, GUI, Database, Web, Native 응용 기술

- ❖ Textbooks: whatever book you like.

- ❖ Prerequisite: **STRONG experiences in C++ Programming**
- ❖ Grading (tentative):
 - Midterm: 40%
 - Final: 40%
 - Assignments/Labs: 10%
 - Attendance: 10%

Syllabus (2/2)

- ❖ Instructor : 채흥석, hschae@pusan.ac.kr
 - Phone : 510-3517
 - Office: 첨단관(자연대연구실험동) 309호

- ❖ TA : 이영우, amorepooh@pusan.ac.kr

- ❖ Classrooms
 - Every Monday for lecture: 6409
 - Every Wednesday for lab: 6409

- ❖ For materials and announcements:
 - <http://plms.pusan.ac.kr>

Schedule – 1st Part

Week	Topic	
1	Basics	Course Introduction Java Programming Environment
2		Java Basics – Types and Statements
3		Object-Oriented Programming – Classes
4		Generic Programming – Generic Classes
5		Object-Oriented Programming – Inheritance
6		Interface-based Programming – Interfaces
7		Reliable Programming – Exception Handling
8		Mid term Exam



Schedule – 2nd Part

Week	Topic	
9	Advanced	GUI Programming – Swing
10		Concurrent Programming – Threads
11		Network Programming – Socket
12		Database Programming – JDBC
13		Web Programming – Servlet & JSP
14		Distributed Programming – RMI
15		Final Exam