SIT22001 PROGRAMMING I
Lecture 0

Fall 2019

ICT Convergence Division
Handong Global University

Fall 2017 SYLLABUS

INSTRUCTORS

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CLASSES

Time: 10:00 –11:15AM, Monday and Thursday

Place: EBEN 102

PRERQUISITES

This course is aiming at students with **little or no** programming background

Two make-up lectures and Mid-term Exam

Dates:

August 27 (Tuesday)   19:00-21:00PM

    The remainder of Lecture1

    Setting up Your Programming Environment

September 10 (Tuesday)   19:00-20:15PM

October 1 (Tuesday) 19:00-20:15PM

Classroom:

To be announced

Tutoring Session

Dates and Classrooms to be announced later

GOALS

The goals of this course are three-fold:

- Establishing the **basis** for **problem solving** with **computers**

- **-** Understanding the importance of **computational thinking** in **problem solving**

- Practicing **computational thinking through programming** with **Python**

TEXT BOOK AND MATERIALS

Text book: Allen Downey, "Think Python: How to Think like a Computer Scientist"

Tutorial for **2D Robot control** together with **cs1robots.py**
Tutorial for **photo processing** together with **cs1media.py**
Tutorial for **graphics** together with **cs1graphics.py**
          (http://www.cs1graphics.org/)

References: **MIT6.00 OCW**, Harvard CS50x, and **KAIST CS101**

GRADING POLICY

Mid-term:	10	%
Final:	30	
Quiz:	10	
Assignments:	30	(individual projects)
Term projects	10	(team project; 3 persons/team)
Attendance	10	

Nether late assignments nor late projects allowed

COLLABORATION POLICY

- Students may **work and discuss together** to **understand course materials**, but **do their homework assignments independently** except the **term project**.
- For the **term project**, any forms of **collaboration** are allowed between **the members** of a **team**.
- Any **copying and inappropriate assistance** on an **assignment** will be treated harshly. **All parties** involved will receive a **zero** on the **assignment** for the **first instance**. The **second instance** will lead to an **F grade**.
- Copying or inappropriate assistance on the **term project** is treated **even more harshly**. All parties involved will immediately **get** an **F grade**.
- Any **cheating** on an **exam** will also immediately lead to an **F grade**.