

# Course Syllabus for Software Experiment II

## Fall 2018, SWE2007

Instructor: Prof. Shin (신동균)

**Contacts:** [dongkun@skku.edu](mailto:dongkun@skku.edu)

**Time and Place:**

Wed., 18:00 ~ 19:45, 20:00 ~ 21:45, #21514 (Engineering Building 1)

**Office Hours:** Mon./Fri., 17:00 ~ 19:00 at #85465 (산학협력센터)

**Teaching Assistants (TAs):**

Somm Kim (김숨) [sommkim@g.skku.edu](mailto:sommkim@g.skku.edu)

Sooyun Lee (이수연) [sooyun802@g.skku.edu](mailto:sooyun802@g.skku.edu)

**Course Outline:**

Unix System API

**Recommended Prerequisites:** Data structures, Basis and Practice in Programming

**Textbook and References:**

Randal E. Bryant and David R. O'Hallaron, Second Edition, Prentice-Hall, Inc.2010.

<http://csapp.cs.cmu.edu>

**Course Materials & Assignments:**

- Materials: <http://nyx.skku.ac.kr/>

- Assignments: <http://www.icampus.ac.kr>

**Grading Policy:**

Attendance (10%)

Lab Exercises (50%)

Assignments (40%)

\* There will be no exams.

**Schedule**

Week	Contents	Notes
1	Course Overview	
2	Intro	<b>Assignment#0: ~ week 3</b>
3	File I/O & Examples	<b>Assignment#1: ~ week 6</b>
4	<i>No Class (National Holiday)</i>	
5	<i>No Class (National Holiday)</i>	
6	Processes	<b>Assignment#2: ~ week 9</b>
7	Processes II	
8	<b>Midterm Exams</b>	
9	Signal	<b>Assignment#3: ~ week 11</b>
10	IPC	
11	Sockets	<b>Assignment#4: ~ week 14</b>
12	Sockets II	
13	Concurrency	
14	Pthreads	<b>Assignment#5: ~ week 16+</b>
15	Pthreads II	
16	<b>Final Exams</b>	