

EE309

Lecture 1: Introduction

INSU YUN (윤인수)

School of Electrical Engineering, KAIST

Course Overview

- Objective: Learn system programming techniques!
- Lecturer: Insu Yun (윤인수)
 - Assistant Professor at EE
 - Adjunct Professor at Graduate School of Information Security (GSIS)
 - Office Hours: Friday 9:00-10:00am (N1 812) by appointment
- Teaching Assistants
 - Eunkyoo Lee
 - Dongok Kim
- Website: <https://teemo.kaist.ac.kr/ee309/20234>
- Mailing list: kaist-ee309@googlegroups.com
 - Use email for individual appointments and/or grade concerns.
 - Please use piazza for other questions.



Lecture in hybrid

- Tue/Wed: 9:00-11:30am
 - Offline lecture: N1 102
 - Youtube: https://www.youtube.com/playlist?list=PLpYYZoHf-Y9_czsUZQX4W7kr6J_6cSVNT
- Online lecture (Zoom):
<https://kaist.zoom.us/j/81395603858?pwd=yR1nWys60wASMO84XmYLg7s1CEeHIB.1>
 - This is only for students who are not available for offline lecture

(Strong) Prerequisite

- EE209 Programming Structures for Electrical Engineering
 - Or CS230: System Programming
- Experience in programming
 - C programming
 - Familiarity with Linux
- *If not, sorry but you should take EE209 first ☹*

Piazza

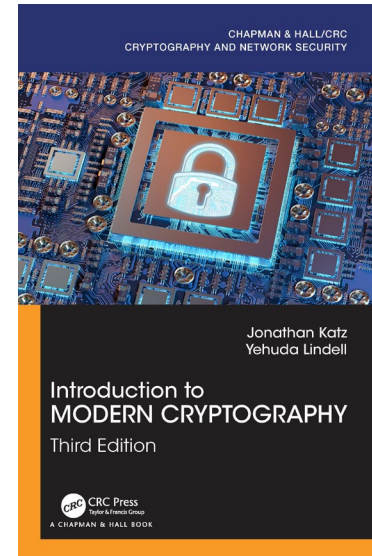
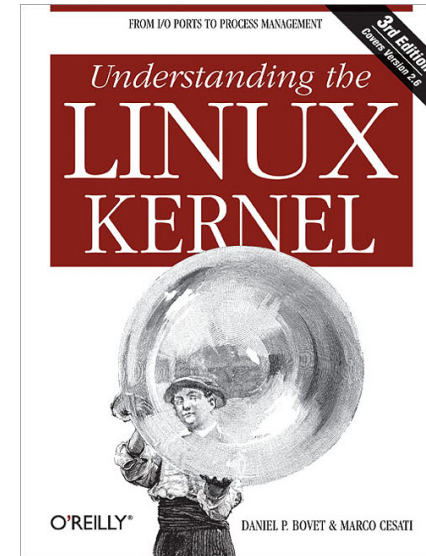
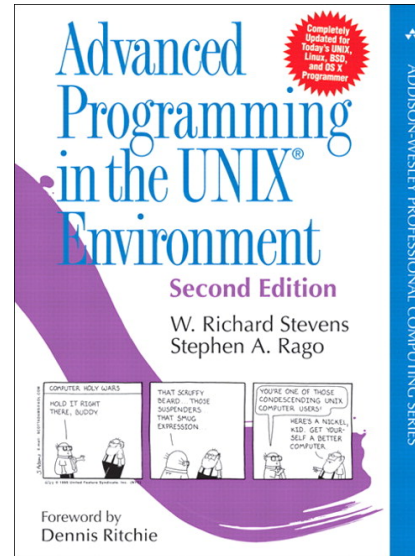
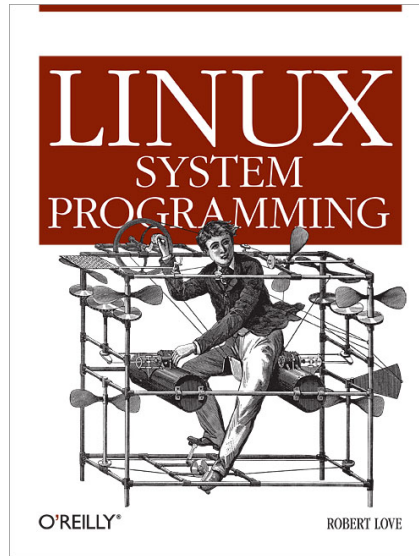
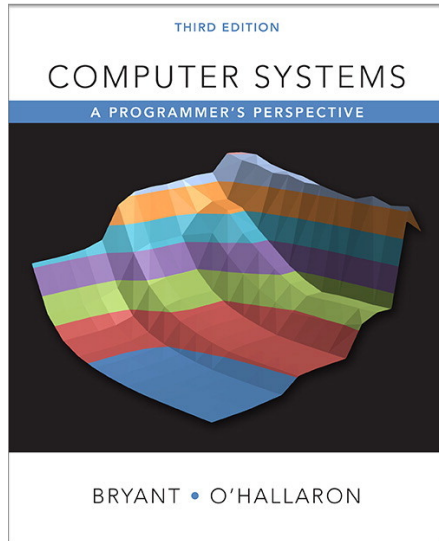
- Please sign up for Piazza and join EE309 Piazza.
 - <https://piazza.com/kaist.ac.kr/fall2024/ee309>
- All announcements will be posted on Piazza.
 - Do not post questions on KLMS.
- Please post all your questions on Piazza.

Rules for Piazza

- Please use English to post your questions.
 - If it is difficult, you can use Korean to ask your questions.
 - However, I will ask the TA's to respond in English.
- Ask any question
 - There is no such thing as a dumb question.
 - Many students will have the same questions.
- If you need hands-on help (e.g., debugging), come to office hour
- Remember that we are here to help you 😊

Textbooks

- Main
- References



Grading policy (tentative)

- No midterm
- Final Exam (30%)
- Participation (10%)
- Assignments (60%, 15% each)
 - Directory Listing
 - Memory management
 - Buffer overflow
 - Web server

Project: Heart of this course!

- **Development language – C only**
- Platform – Linux (Ubuntu)
- Compiler – GCC

For CS students

- It is not a good idea to take both EE309 and CS230
 - There will be a lot of overlap
 - (EE309 will handle certain topics in more advance though)
 - So please consider to take this course if you already took or have plan to take CS230
 - Don't waste your time!
- CS & Non-CS will be graded independently

Rule

- All course projects are to be carried out individually.
- Not allowed to share code
- Cannot copy code from the Internet (or AI)
- Any violations of these policies will be considered a violation of ethical conduct
 - > you will get an 'F' grade

Grace period

- All projects due @ 11:59pm on the due date.
- You can submit your assignment late with the following penalty.
 - 95% of the full credit up to 1 hour late,
 - 80% of the full credit up to 24 hours late,
 - 0% of the full credit beyond 24 hours late.

Coding style

- Make sure your code is
 - clearly structured
 - well-formatted
 - uses a consistent coding style (indentation, placement of braces, etc.)
 - variables, functions etc. are sensibly named
 - comments are used only when necessary, explaining the why, not the what