



# Welcome Aboard!

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# Course Information

- ICE2010: Introduction to Computer Engineering (2 credits)
- 16:00 – 17:50 (Thursday)
- Room #330110, Chemistry Bldg.
- Course homepage  
<http://csl.skku.edu/ICE2010S11/>
- News and updates on Twitter:  
Follow @ice2010skku

# About Me

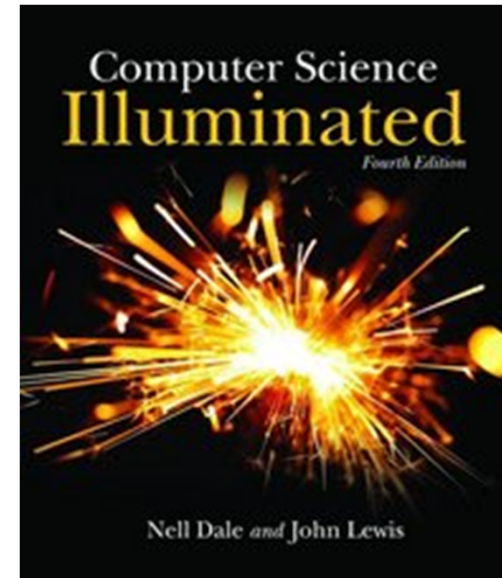
- Jin-Soo Kim ([jinsookim@skku.edu](mailto:jinsookim@skku.edu))
- Associate Professor @ SW & SSE Dept.
- Computer Systems Laboratory  
(<http://csl.skku.edu>)
- Office: Room #400630
- Tel: 031-299-4593
- The best way to contact me is by email.

# Basic Philosophy

- This course is NOT about programming!
- We explore a board view of the computer science and engineering discipline.
- No prior knowledge on computers or programming is required.

# Textbook

- Computer Science Illuminated
  - By Nell Dale & John Lewis
  - Fourth Edition
  - Jones and Bartlett Publishers, 2011.



# Course Plan

- Lectures
- Team projects
- Exams

# Lectures: Three Themes

- What are computers anyway?
- How to realize them?
- What can we do with them?

# Lectures

- What is a computer?
- Algorithmic thinking
- Representing and manipulating information
- Digital logic
- Computer organization
- Operating systems



# Guest Lectures

- Programming languages and compilers
- Computer networks
- Database systems
- Artificial intelligence
- Security

# Team Projects

- There will be two team projects.
- You will work in teams of 3 students.
- You can choose your teammates freely.
- The last class is reserved for oral presentation.

# Exams

- We will have two exams
  - Midterm
  - Final
- Exams will focus on whether you have read the textbook thoroughly.
- Why do you think you have to read the textbook?

# Grading Policy

- Class attendance 10%
- Team projects 45%
- Exams 45%
  
- If you miss one or both of exams, you will fail this course.

# Attendance Policy

- Do not be late! You should be present when I take class attendance.
- You can miss the class up to “four” times without any penalty.
  - Applies to excused absences as well.
- There will be a bonus for students who attend all the classes.

# Homework

- Form your project team
- Send me the following information on your team via email until 3/8
  - The *\*fancy\** name of your team
  - The information on your teammates:  
<name, student ID, phone no., email address>
- Sign up for twitter if you didn't yet.

# Questions?

