Ken Wong

Department of Computing Science University of Alberta





Discussion

• What is software engineering about?

"Software Engineering"

- Link:
 - <u>http://en.wikipedia.org/wiki/</u> <u>Software_engineering</u>
 - "It is a 'systematic approach to the analysis, design, assessment, implementation, test, maintenance and reengineering of software, that is, the application of engineering to software."



- Quote:
 - "If builders built buildings the way programmers wrote programs, then the first woodpecker that came along would destroy civilization."

• Quote:

 "Software and cathedrals are much the same —first we build them, then we pray."

Sam Redwine



Discussion

• Why is developing quality software on-time and on budget so difficult?

° COURSE INFORMATION



Goals

- Learn and apply:
 - effective software development practices

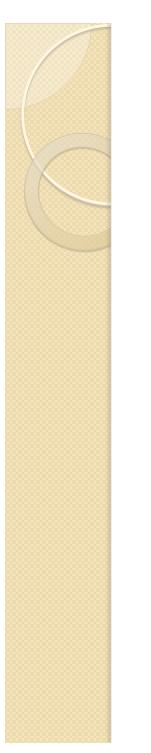
• focusing on:

- team project
- design
- tools
- practicality



Materials

- eClass site:
 - o <u>https://eclass.srv.ualberta.ca/</u>
 - outline / policies
 - schedule
 - course work
 - lecture and lab notes
 - blended learning
 - labs start next week



Communication

- eClass discussion forums:
 - announcements
 - questions and answers
 - please be courteous
 - also help each other out
 - also considered as "participation"



Communication

- Instructor email:
 - kenw@cs.ualberta.ca
 - please be concise

• Instructor office hours:

- Fridays at 12:00, or
- please email for an appointment