CSE 303 Concepts and Tools for Software Development

Richard C. Davis UW CSE - 9/27/2006 Lecture 1 - Course Introduction







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Topic #2: C and C++ - "The" language for OS, networking, embedded

- Manual resource management
- · Trust programmer, even when shooting himself in the foot

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- "Lower level" programming view
- C++

• C

- Object-oriented brother of C
- "An abomination"
- But heavily used in industry
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- Individual, unless noted
- Collaborate

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- Work together
- Point each other to documentation any time
- Don't look at others' solutions
- Gilligan's Island Rule
- · Late Policy: 3 "late" days total
- · Extra Credit: don't kill yourself over it

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Summary

- · Goal: maturity and efficiency
 - Command-line
 - C/C++
 - Programming tools
 - Software development concepts
 - Social/ethical implications of computing
- This class is just the beginning
- You will learn throughout your career

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Emacs Survival Guide	
 Top Eight Commands C-g : quit whatever is happening C-x C-f : "find" file (open) C-x C-s : save file C-x C-w : "write" file (save as) C-x C-c : exit emacs C-x b : list "buffers" (currently open files) C-k : "kill" (cut from cursor to end of line) C-y : "yank" (paste) 	
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	Assignment 0	
 Due this Very eas Backgrd Mailing Getting 	<i>Friday</i> , September 29 th @ 2 y ound Survey List Started with Linux	2PM
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