CPSC 481

Foundations and Principles of Human Computer Interaction

James Tam

CPSC 481 Administrative

James Tam

- Human computer interaction
- Computer supported cooperative work
- Change awareness
- Games
- http://www.cpsc.ucalgary.ca/~tamj

Contact information

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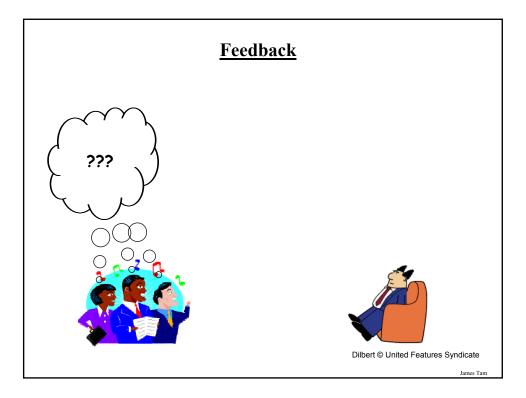
Office hours

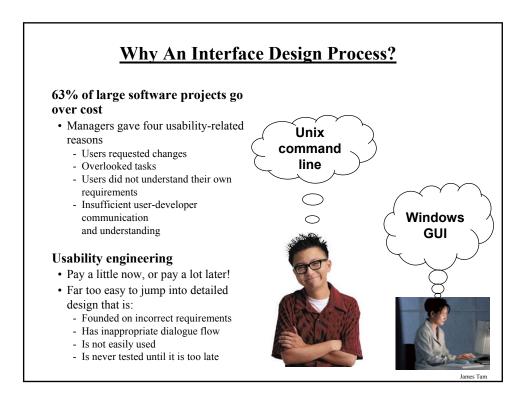
- Monday and Wednesday (12:00 12:50)
- By email any time
- By appointment: email or phone to arrange one
- Drop in for urgent requests (but no guarantees!)

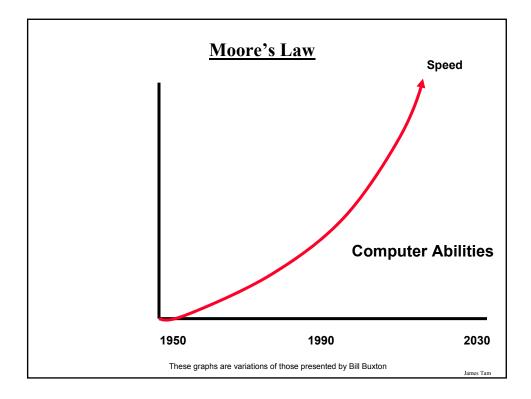


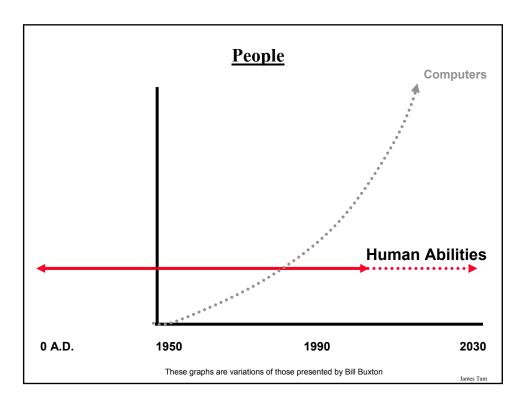
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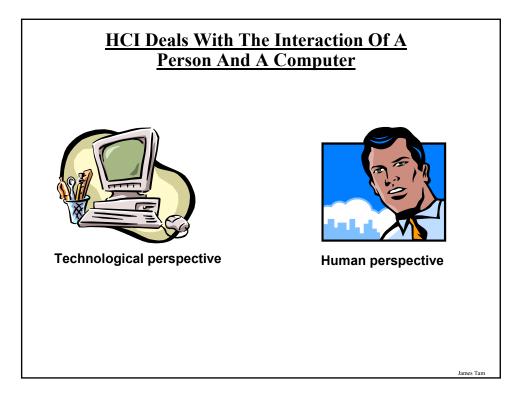
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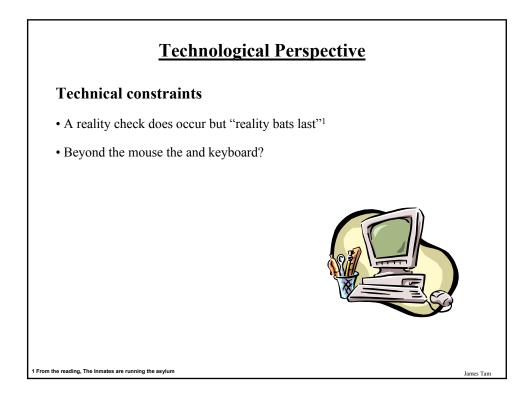












Human Perspective

How people process information

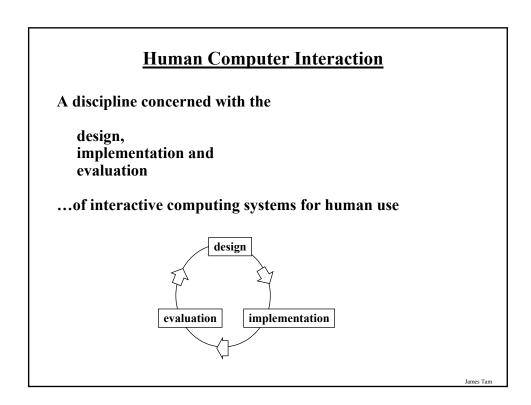
•Memory, perception, motor skills, attention etc.

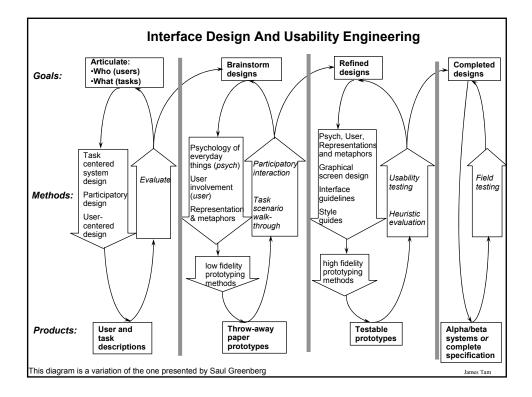
Language, communication and interaction

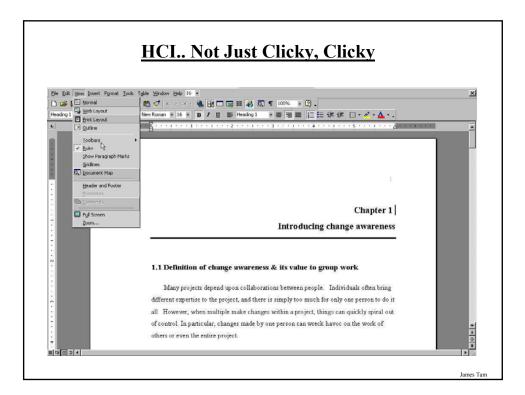
Ergonomics



James Tan







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What 481 Is Not About

The theory and mechanics of GUI programming

How to programming with a GUI language e.g., Visual Basic

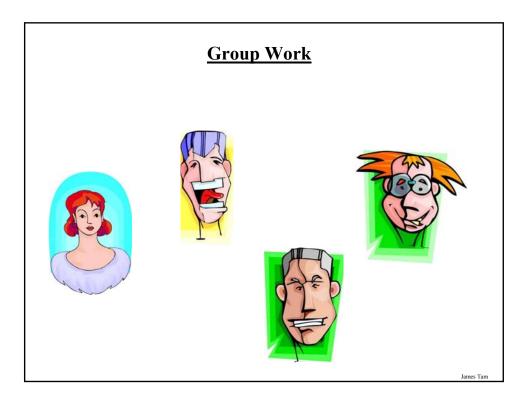
How You Will Be Evaluated 1) Assignments (50%) Portfolio: Assignment 1 (TA): Task centered design and prototyping (13%) Assignment 3 (Me): System redesign, implementation, and evaluation (25%) Usability study: Assignment 2 (TA): Usability evaluation of a large system in everyday use (12%)

2) Exams (50%)

- Mid-term (20%)
- Final (30%)

Note: you must pass the exam component and the assignment components to pass the course





<u>Labs</u>

Critical to your success in assignments

- Elaboration of assignment specifications
- Discuss intermediate results
- Feedback on graded assignments
- Learn specific skills



Textbooks And Additional References

Lecture notes (required)

- Sold at cost by the Copy Center
- Also available on the web (http://www.cpsc.ucalgary.ca/~tamj/481/)

Text books (optional)

- Interaction Design: Beyond Human-Computer Interaction by Sharp, Preece and Rogers.
- Readings in Human Computer Interaction: Towards the Year 2000 (2nd Edition) by Baecker, Grudin, Buxton and Greenberg
- You can also choose whatever programming manual that you like best

Extra readings

- Some will be required, some are optional



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