Introduction

INFO/CSE 100, Spring 2005
Fluency in Information Technology
http://www.cs.washington.edu/100

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Readings and References

• Reading
  – Fluency with Information Technology
    » All reading assignments will be from this textbook

• References
  – ALL information about this class is on the website
    http://www.cs.washington.edu/100
  – See the OtherLinks page for more information about the topics mentioned in the slides
About This Class

• Fluency with Information Technology (FIT)
  – This is the state-of-the-art IT class for non-technies
    » Fluency is better than computer literacy
    » FITness concept from the National Science Foundation
    » FITness teaches how to use IT today…
    » … and how to learn IT throughout Life
Being Fluent

• FIT 100 teaches you to be fluent with technology
  – You will use Information Technology freely and easily to do things you want to do
  – Technology will not be “in the way”
  – You will be able to recover from bugs, errors, or unexpected situations
  – You will be in control and confident with IT
The Content

• FIT100 helps you become fluent by teaching
  – Skills like email and data processing
  – Concepts like how networks work, building Web pages with HTML
  – Capabilities like how to find accurate information on the WWW and debugging

• Integrates content by using projects
Overview of Course of Student

• HTML and web page creation
• Javascript and basic programming skills
• Relational Database creation using MS Access
Lifetime of Learning

• Why is lifelong learning emphasized?!?
  – A college education has about a 55 year “useful life”
  – What were they teaching the class of 1944?
    • The first computers were developed in the 1940s
    • First packet sent on the “Internet” in 1969
    • PC as the personal computer was used ~1980
    • WWW was developed in 1994
A Career of Learning

• Learn
  – How to continuously learn new things
  – How to stay comfortable even though you don’t know everything about a particular topic

• You are going to get the chance to work on some fantastic things during your career -- that we can only speculate on now!
CSE100/INFO100

• FIT100 is offered by the Computer Science & Engineering (CSE100) and the Information School (INFO100)
  – It doesn’t matter which you registered for
  – FIT100 has no prerequisites except being a UW student
  – FIT100 is for non-technical students
  – If you are a “techie” or you plan to major in science, engineering, etc… take CSE142
Is FIT100 for you?

• Take FIT100 if you…
  – Want to learn about the application and science of information technology (IT)
  – Want to prepare for a lifetime of learning IT
  – Are willing to think and study extensively
  – Can attend all classes and labs
  – Can devote 5-credits of student this term
But, Maybe Not

• Do not take FIT100 if …
  – You only want to learn a few skills like word processing, email, navigating the web for that see: http://www.washington.edu/computing/catalog/gen/Catalog.html
  – You don’t have time to attend class and lab
  – You want a good grade with little work
  – You expect someone else to do the work

• FIT100 is offered every term!
Some Thoughts about Grades

• Looking at the numbers…
  – 4.0-2.0 Students who passed with a 2.0 or better came to all classes, read the book, cam to all labs, and took all the exams
  – 1.9-0.0 Students who did poorly skipped classes, skipped labs, didn’t attempt parts of their projects
  – Students in recent quarters were sent to the conduct committee and received academic probabation
Readings

• We will follow the book Fluency with Information Technology closely
  – Readings are assigned for each class
  – Reading the material BEFORE class will…
    » Make the lectures more useful
    » Prepare you for unannounced quizzes
  – What do you do if you don’t know what has been assigned?
An Assignment

• Assignment 1 is a treasure hunt
  – Find the class web page
  – Locate Assignment 1
  – Print it out
  – Use the syllabus to answer the questions
  – Turn it in Friday in class!