Welcome to FIT100
(CSE100 and INFO100)
Fluency with Information Technology

D.A. Clements, Instructor
Announcement

New Room for Quiz/Lab Sections
• All lab sessions will be held in MGH 430.
Announcement

Schedule changes
• Lab Section AE has moved to WF 8AM
• Lab Section AF has moved to WF 9AM

Details—see handout
• Dowell Eugenio, Informatics Advisor, will review options
About This Class

**Fluency with Information Technology** --FIT for short--is the state-of-the-art IT class for non-techies

- FIT goes beyond computer literacy
- FITness concept from NSF/NRC study
- FITness teaches how to use IT today and how to learn IT throughout life

UW was first in the US with a FIT class
FIT100 teaches you to be Fluent with IT
What does that mean for you?
• Using IT freely and easily
• Making technology your friend
• Recovering from bugs, errors, or unexpected situations
• Being in control and confident
... now and in the future

Becoming Fluent is no small feat!
FIT100 helps you become Fluent by teaching …

* Skills, like spreadsheets, databases, …
* Concepts, like how networks work, building Web pages with HTML, …
* Capabilities, like how to find accurate information on the WWW, debugging, …

• Integrates content by using projects
Why is lifelong learning emphasized?

- Consider a college education as a “product” with a 50 year “useful life”

  * Your career

  * What did the class of 1957 need to know about technology to be still employed today?
Lifetime of Learning

• What did the class of 1957 learn about technology?
  • 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

No fixed set of topics is “everything” you need
FIT100 is offered by Computer Science & Engineering Department (CSE100) and the Information School (Info100)

- It doesn’t matter which you registered for
- FIT100 has no prerequisites except being a student at UW
- FIT100 is for “non technical” students
- If you are a “techie” e.g. plan to major in science, engineering, architecture, ... take CSE142
Is FIT100 for You?

Take FIT100 if you want to...

* learn applications & the science of IT
* prepare for a lifetime of expanding your use of IT

and you are willing to ...

* think and study intensively
* attend all lectures and labs
* devote “5 credits” of study time this term

FIT100 is worth it ... you’ll use this class for a lifetime
But, Maybe Not

Do not take FIT100 if you

* want to learn only a few skills like word processing, email, Web, etc.
* don’t have time to attend class, lab
* want a good grade with little work…

FIT100 doesn’t repeat classes you’ve had
* expect someone else to do the work

FIT100 is offered every term … take it later

www.washington.edu/computing/catalog/gen/Catalog.html
Some Stats

Looking at the numbers …

- **2.0-4.0 gpa** Students who passed came to all classes, prepared for quizzes, read book, came to all labs, took all exams.

- **0.0-1.9 gpa** Students who did poorly skipped classes (and so missed quizzes), skipped labs, didn’t attempt parts of projects …

- **9 Students in recent quarter sent to Conduct Committee and got Academic Probation**
Taking FIT Is Worth It

Previous students said …

“FIT100 was very valuable, even though it involved a lot of work (and I do mean a LOT)”

“FIT100 expanded and brought precision to my thinking”

• If you can commit to FIT -- Welcome
• If this isn’t the term, withdraw so some other student can have a chance
Class Mechanics

Text Book
Fluency with Information Technology  L. Snyder, Addison-Wesley

Grading
All details are in the syllabus

- Labs and Assignments
- 3 Projects (each with 2 or more parts)
- 10 Quizzes: unannounced in lab
- 20 Reflections: Unannounced, on readings
FIT100 Announcements

6 announcements that affect YOU

* TAs and Office Hours
* Computer Basics Lab
* FIT100 Web site
* Calendar gives you control!
* Readings
* An Assignment
Teaching Assistants

FIT100 Has 3 Great TAs ...

• Dave Willer
• Keith Pitts
• Sam Herz

Office Hours are held in MGH 330K
... any TA is OK
Many students come to FIT100 knowing email, WWW, word processing
But, if you have never used a PC ...

* Do not fear FIT100!
* Join the Computer Basics Workshop
  Wednesday 6:00-7:00 MGH 430 ← Tonight!
  Thursday 5:30-6:30 MGH 030
FIT100 maximizes computers & Internet

- Class Web site ... memorize it!
  
  http://www.cs.washington.edu/100

  cs = computer science
  /100 is all that’s needed after the .edu

Everything you need to know will be on the site, espec. announcements

- Always check the Web page first!
The Calendar

The Calendar gives you control ...

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<thead>
<tr>
<th>Date</th>
<th>Day</th>
<th>Lecture Topic</th>
<th>Due Dates for Readings</th>
<th>Lab Topic</th>
<th>Homework</th>
<th>Summary</th>
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<tbody>
<tr>
<td>Jan 7</td>
<td>Mon</td>
<td>Introduction Print</td>
<td></td>
<td></td>
<td></td>
<td>Become familiar with the FIT web site and UW computing facilities.</td>
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<tr>
<td>Jan 8</td>
<td>Tue</td>
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<tr>
<td>Jan 9</td>
<td>Wed</td>
<td>Le Mot Juste Print</td>
<td>Chapter 1</td>
<td>UW Network Resources (L1)</td>
<td>HW 1 Assigned</td>
<td>Why are there strange words in computing, and why to learn them.</td>
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<td>Jan 10</td>
<td>Thu</td>
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<td>Jan 11</td>
<td>Fri</td>
<td>Digerati Print</td>
<td>Chapter 2</td>
<td>Directories (L2)</td>
<td>HW 1 Due beginning of lecture</td>
<td>Explore two common desktop operating systems.</td>
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</table>
We will follow Fluency with Information Technology (FIT) closely

Readings are assigned for each class

Reading the material before class will ...

• make the lectures much more useful
• prepare you for the unannounced quizzes and reflection papers

For Friday read Chapter 1

What do you do if you don’t know what has been assigned?
Summary

FIT100 is a serious class that requires effort, but it delivers knowledge you can use now and throughout your life

- FIT100 is Skills, Concepts, Capabilities
- Good study habits are key to success
- Have no time? Want an easy class? Skip FIT!
- Teaching staff is here to help you learn
  - David, Keith, Stuti, and D.A.

FIT100 may be the coolest class you ever take!
Schedule Changes

Dowell Eugenio, Informatics Advisor, will explain the options