

CS 312

Internet Concepts

First Day Administivia

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<http://www.cs.odu.edu/~mweigle/CS312-F08/>

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Internet Concepts

First Things First...

- ◆ Weigle
 - » pronounced “Why-gull”
- ◆ Course website
 - » announcements, clarifications, FAQs posted
 - ❖ check website before emailing me or TA a question
 - » lecture notes and assignments will be posted on the schedule page before class
 - ❖ read lecture notes *before* class
 - ❖ bring lecture notes to class and take additional notes
 - ◆ *save a tree - print duplex!*
 - ❖ lecture notes contain questions and problems that we’ll work in class

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Internet Concepts

First Things First...

◆ Blackboard

- » posting grades
- » used for submitting assignments (instructions will come with first assignment)

◆ Email

- » check your ODU email every day!

◆ Unix Computer Account

- » you must have a CS department Unix account
- » see me today if you don't have one

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Internet Concepts

So, what things will we learn?

◆ How does the Internet work?

- » What are the protocols used to access web pages, send and retrieve email, transfer files?
- » How does information traverse the Internet to get from client to server and back again?
- » What causes delay and loss in the Internet and how does that affect Internet applications?

◆ How is Internet content produced?

- » What are wikis and blogs?
- » How does Internet search work?

◆ How can I create Internet content?

- » How can I use HTML, CSS, PHP to build webpages?

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Prerequisites

- ◆ CS 252 – Introduction to Unix for Programmers
- ◆ Program function/operation will be described using UNIX terminology
 - » You should be comfortable with the UNIX file system and basic UNIX commands
 - » Examples:

```
% chmod 755 public_html
```

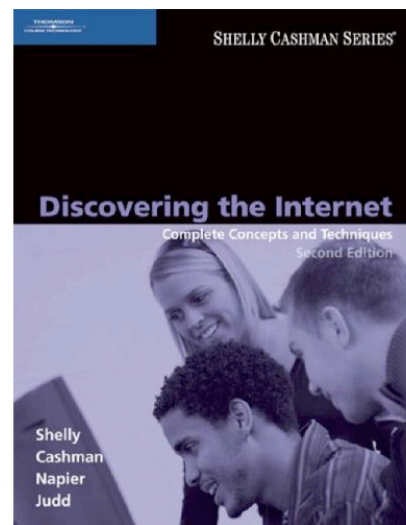
```
% tar xzvf some_software.tar.gz
```

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Textbook

- ◆ Optional
 - » *Discovering the Internet, Complete Concepts and Techniques,*
 - ❖ 2nd. Ed., by Shelly, Cashman, Napier, and Judd, Thompson Course Technology, 2008.
- ◆ Since part of this course is about using the Internet to find information, many of our references will be found online.



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Honor Code

- ◆ All assignments, unless explicitly specified, are to be completed on your own
- ◆ ODU Honor Council <http://orgs.odu.edu/hc/>
 - » cheating, plagiarism, unauthorized collaboration
 - » *all students are responsible for knowing the rules*
- ◆ Evidence of cheating, plagiarism, or unauthorized collaboration will result in a grade of 0 for the assignment/exam and will be submitted to the CS department for further review

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Honor Code

- ◆ No sharing of code is allowed. This includes discussion about the design of a project solution.
- ◆ Tips to avoid cheating (even inadvertently)
 - » Don't start at the last minute
 - » Don't sit next to each other in the lab and talk about the assignment while you're working on it
 - » Ask the TA or instructor if you're stuck
 - ❖ which means that you can't start at the last minute...
 - » Remember the late policy (to be discussed later)
 - ❖ I'd rather you turn in something late than cheat

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Grading

- ◆ Project Assignments 25%
- ◆ Written Homework Assignments 25%
- ◆ Mid-Term Exam 20%
- ◆ Final Exam 25%
 - » Thursday, Dec 11 at 12:30pm
- ◆ Participation / Quizzes 5%
 - » some quizzes may be unannounced

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Assignments

- ◆ Written homework (anything where a hard copy is submitted) is due at the *start* of class on the due date
 - » Anything handed in after I start lecturing is considered late (*don't be late for class!*)
- ◆ Electronically submitted projects are due *before* the start of class
 - » Projects submitted after 1:29:59 pm EDT/EST on the due date are late!
- ◆ Penalty of 5% of the total points for each day late
 - » day = any part of the 24-hour period after the deadline
 - » weekends count
 - » maximum of 3 late days

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Where to go for help?

- ◆ Ask questions in class!
- ◆ Attend office hours
 - » TBA, or by appointment (send me an email)
 - » E&CS 3214
- ◆ Send questions via e-mail, but...
 - » Think about what you are asking before you ask!
 - » Know the difference between an “office hour question” and an “e-mail question”
 - » Don’t depend on an immediate answer
 - » Include the phrase “CS 312:” in your subject line
- ◆ E-mail v. Office Hours: Your *primary* avenue for resolving questions is office hours

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How to do well in this course

- ◆ Attend class regularly
 - » Ask questions!
 - » *Exercise your understanding of course material on a daily basis*
- ◆ Read over lecture notes *before* class
 - » Take more notes *during* class
- ◆ Study the homework and in-class “thought” problems
 - » Don’t just “do” the homework
- ◆ Take (and *study* your) notes!
 - » Beware the “But I understand this” syndrome

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How To Do Well

Last Things

- ◆ Coding on Unix machines
 - » easiest to use XWin (displays Unix windows on your PC) and an editor like emacs
- ◆ Note the “Useful Links” listed on the course webpage
 - » especially Unix, emacs tutorials
 - » references for course material will be posted here throughout the semester
 - » don’t ask me questions that you can find the answers to yourself
- ◆ Get started early - Project 1 will be assigned on Thursday
 - » PmWiki

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CS 312

Introductions

◆ About Me

- » I’m from Louisiana
 - ❖ so, I’m a *huge* LSU and college football fan
- » I got my PhD from UNC-Chapel Hill
 - ❖ I’m a pretty big Tarheel fan, too
- » My research area is networking



◆ Your Turn!

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