GN120 - Introduction

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✔ Syllabus
  – Class E-mail list
  – Weekly Quizzes
  – Lab
Campus Computer Systems

✔ Windows:
  – Personal computer usage

✔ Unix (Sun)
  – Networked computers
  – Rigid command structure
GN120 Topics Covered:

- ✔ E-Mail
- ✔ Web Searches
- ✔ Unix Commands/Usage
- ✔ FTP/Telnet
- ✔ Text Editor(s)
- ✔ HTML Coding/Web Page Design
- ✔ Adobe Acrobat (Secure Document)
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Logging Onto Computers

- ✔ Login: userid
  - Userid: (First Initial)(Middle Initial)(Up to the first 6 letters of your last name)
- ✔ Password (in Dillman): Student ID Number
  - Other departments may have different initial passwords
E-Mail

✔ Electronic Mail
✔ Eudora: available on Dillman PC’s
✔ Unix Machines:
  – Mailtool
  – Elm
  – Pine - (recommended)
  – Elm and Pine are text-based
Internet

✓ A Global Information System
  – linked via globally unique addresses
  – support communication using TCP/IP
  – communication between users
How Internet Works

✔ “Network of networks”

✔ Utilizes TCP/IP

– TCP = Transmission Control Protocol
  • Communication between computers

– IP = Internet Protocol
  • Routing of data between computers

– TCP/IP - regularly updated
Web ≠ Internet

- Internet is system of connections
- Web is a subset of Internet
- Web is method to send/receive information via the Internet
- Other send/receive methods:
  - E-mail, Telnet, Remote Login, FTP
Web Pages

✔ Address is URL (Uniform Resource Locator)
  – how://where/what OR
  – protocol://server.location/pathname
  – Example: http://www.cee.mtu.edu/~bhhamlin
    – (hyper text transfer protocol)

✔ URL consists of:
  – protocol, domain name and filename
Telnet

✔ Program where you login to another computer from a local computer
  – When using Telnet, using the computer system of the computer you have telnetted onto
  – I.e.: If telnetting from a Windows machine to a Unix machine, you will be working on a Unix machine
Telnet Basics

✔ Command: telnet hostname
   - may be prompted for userid and password
   - must logout from remote computer
   - Example: telnet login.cee.mtu.edu

✔ Common use: access E-mail from home
   (must use Elm or Pine (text-based))
Class Groups

✔ Each student is assigned to a group
  – Class assignments
  – Group labs (towards end of term)

✔ Overhead shows group listing
  – Groups also posted outside Dillman, 205
  – If not in group, see me
Group Assignment

✔ Come up with two potential quiz questions:
  – Based on today’s lecture

✔ Structure:
  – Group number
  – Student Names
  – Write 2 questions and **answers** - must be viable questions
  – After submitted, can leave