

Introduction to the Internet I Class Outline

- 1) Brief history of the internet
 - a) U.S. Government wanted a way for communications systems to continue to operate in event of catastrophic event such as nuclear attack. That way, if one computer were damaged, through the network, the entire system could continue to communicate.
 - b) Currently no one “owns” or “operates” the internet.
 - c) Difference between the Internet and the World Wide Web
 - i) **What is The Internet?**

The [*Internet*](#) is a massive [network](#) of networks, a [networking infrastructure](#). It [connects](#) millions of computers together globally, forming a network in which any computer can communicate with any other computer as long as they are both connected to the Internet. Information that travels over the Internet does so via a variety of languages known as [protocols](#).
 - ii) **What is The Web (World Wide Web)?**

The [*World Wide Web*](#), or simply *Web*, is a way of accessing information over the medium of the Internet. It is an information-sharing model that is built on top of the Internet. The Web uses the HTTP protocol, only one of the languages spoken over the Internet, to transmit data. Web services, which use HTTP to allow applications to communicate in order to exchange business logic, use the the Web to share information. The Web also utilizes [browsers](#), such as [Internet Explorer](#) or [Firefox](#), to access Web documents called [Web pages](#) that are linked to each other via [hyperlinks](#). Web documents also contain graphics, sounds, text and video.
 - iii) The Web is just one of the ways that information can be disseminated over the Internet. The Internet, not the Web, is also used for [e-mail](#), which relies on [SMTP](#), [Usenet](#) news groups, [instant messaging](#) and [FTP](#). So the Web is just a portion of the Internet, albeit a large portion, but the two terms are not synonymous and should not be confused.
 - d) Internet Browser – application used to “surf” the World Wide Web. Some of these you may have heard of are Internet Explorer, Firefox, Chrome or Opera and Safari for Apples.
- 2) What is an ISP (source: wisegeek.com)
 - a) An ISP (Internet [Service Provider](#)) is a company that collects a monthly or yearly fee in exchange for providing the subscriber with Internet access.
 - b) An ISP might provide dial-up service, cable, [DSL](#), or other types of Internet access. Some ISPs are local while others are national. A national ISP will provide access throughout most of the nation, while a local ISP will only serve subscribers in a limited geographical region.
 - c) May not need to mention, but in case you get a question: DSL (Digital Subscriber Line) is a high-speed Internet service that competes with cable Internet to provide online access to local customers. DSL operates over standard [copper](#) telephone lines like dial-up service, but is many times faster than dial-up. In addition to being faster than dial-up, DSL does not tie up the phone line. Coexisting with telephone service in this way allows users to surf the Net and use the phone at the same time.
 - d) DSL service requires a DSL [modem](#), which connects to the telephone wall jack and [computer](#).

- 3) Internet Explorer 8
 - a) **Elements of an Internet Explorer 8 Window**
 - b) Menu Bar
 - i) File>New Tab, Duplicate Tab, New Window, Page setup, Print
 - ii) Edit>Find on this page
 - (1) Be sure to modify Options>Match Whole Word Only and/or Options>Match Case
 - (2) Get rid of Find box by clicking the X on the left of the box
 - (3) Closing the window will make the Find box disappear until you reactivate it
 - iii) View>Toolbars, Explorer Bars
 - iv) Tools>Popup Blocker
 - c) Internet Options
 - i) General
 - (1) Home Page
 - (2) Browsing History
 - ii) Security
 - iii) Privacy
 - (1) Settings
 - (2) Pop-up Blocker
 - iv) Content
 - (1) Content Advisor
 - (a) Enable
 - (2) AutoComplete
 - v) Programs
 - (1) Internet Programs
 - (2) Default Web Browser
 - d) Favorites
 - i) Favorites menu
 - ii) Favorites bar
 - e) Tabbed Browsing
- 2) Search tips
 - a) **Google Search tips**
- 3) **In Yahoo!**
 - a) Directory
 - b) Web/Images/Video
- 4) Blog= weblog, like an online diary
- 5) Sites to know
 - a) Upvlibrary.org
 - b) Vlib.org – WWW Virtual Library
 - c) Wikipedia.com
 - d) Snopes.com
 - e) Twitter
 - f) Facebook/MySpace
 - g) Craigslist.com
- 6) Tools>Internet Options>General Tab>Browsing History>Delete