

CAS 483

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Welcome

- ◉ Review of course
- ◉ Syllabus
- ◉ Grading
- ◉ Objectives
- ◉ Introduction

Review of Course

- ◉ Individual learning
- ◉ Some group work
- ◉ Project based
- ◉ Constructivist approach

Syllabus

- ◉ Everything is online and in Angel
- ◉ <http://cas.la.psu.edu/cas483/index.htm>

Grading

- ◉ 2 exams
- ◉ Reaction Papers
- ◉ Group web prototype page
- ◉ Web page project
- ◉ Attendance
- ◉ Portfolio
- ◉ Assignments

Objectives

- ◉ To consider the uses and purposes in using the Web
- ◉ To look at issues related to the Web.
- ◉ To learn how to create and design effective web sites.

Introduction

- ◉ What is a web page?
 - > A document on the [World Wide Web](#). Every Web page is identified by a unique [URL](#) (Uniform Resource Locator).
(from <http://www.webopedia.com/>)

World Wide Web

- A system of Internet servers that support specially formatted documents. The documents are formatted in a markup language called HTML (*HyperText Markup Language*) that supports links to other documents, as well as graphics, audio, and video files. This means you can jump from one document to another simply by clicking on hot spots. Not all Internet servers are part of the World Wide Web. There are several applications called Web browsers that make it easy to access the World Wide Web; Three of the most popular being FireFox, Safari, and Microsoft's Internet Explorer.
- *World Wide Web* is **not** synonymous with the Internet.

Internet

- A global network connecting millions of computers. More than 100 countries are linked into exchanges of data, news and opinions. Unlike online services, which are centrally controlled, the Internet is decentralized by design. Each Internet computer, called a host, is independent. Its operators can choose which Internet services to use and which local services to make available to the global Internet community.
- There are a variety of ways to access the Internet. It is also possible to gain access through a commercial Internet Service Provider (ISP).

Communication and the Web

- ◉ General communication:
 - > Input → Process → Output
 - > How does a web page complete this cycle?