

# Week 1 Overview

## Activities

1. Watch the two lecture videos: Introduction to Web Application Development and HTML and XML Basics. You can find the lectures notes used in the videos in the Lecture Notes section.
2. Post your questions and comments in the weekly discussion.
3. Complete Week 1 Quiz by Sunday 8/29.
4. Complete and submit Week 1 Lab by Sunday 8/29.

## Learning Objectives

The learning objectives of this week are:

- Understand how the web works at the conceptual level.
- Understand different parts of a URL.
- Understand what web applications are.
- Understand the basic XML and HTML terminology: declaration, tag, attribute, element.
- Understand the wellformness and validity of XML.
- Understand what a DTD is and what it is used for.
- Know how to create an HTML document.
- Know how to use the following block elements: <h1> to <h6>, <p>, <div>, <blockquote>, <ul>, <ol>, <li>.
- Know how to use the following inline elements: <i>, <b>, <u>, <em>, <strong>, <code>, <span>, <br>.
- Know how to create hyperlinks using <a>.
- Know how to embed images in a web page using <img>.
- Know how to write comments in HTML.
- Know how to deploy web pages onto CS3 server.
- Know how to access web pages on CS3 using a browser.