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| UW_logo_2013_Transparent | **School of Computer Science**  **Summer 2019**  **COMP 3340 – 30**  **WWW Info System Devel.** |

**Learning Outcomes**

* Understanding Internet protocol and client-server model.
* Understanding the history of web1, webb2, web3 and imagining the future of the web.
* Understanding data transmission over the net and the standard to use such as JSON and XML.
* Recognizing the current trends in website design and development.
* Planning the web site development process.
* Creating web pages with HTML, JavaScript, JQuery, and PHP. By Coding to standards.
* Creating the look and feel (branding) of a site, and a unified site design using Cascading Style Sheets (CSS).
* Using the programing languages and database to create a dynamic content.
* Designing website for accessibility.
* Understanding the web site development process.
* Analyzing the business and the audience of the website.
* Categorizing web site development team tasks.
* Setting up the website directory structure and managing the website.
* Designing for multiple screen resolutions by Building a responsive web page design for desktops, tablets, and smartphones.
* Testing web site.
* Publishing Students’ web sites on the “MyWeb.cs.uwindsor.ca”.
* Building up the Technical writing skills for web-development.
* Creating a data-driven graphs and other data visualization concepts.
* Understanding the APIs and how to apply them and use AJAX to connect to different web-services.