

Web-centric Computing (<http://www.cs.dal.ca/~jamie/CS3172/>)

Course Administrivia (index.shtml)

Schedule

As of Tuesday, 03-Jun-2008 11:41:27 ADT

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The order of topics for Fall 2008 is:

- Introduction and Overview
 - What is CSCI3172 about?
 - Many answers to the question "What is the WWW?"
 - Introduction to this CSCI3172 website

- Topic I: Web Basics
 - (A) Client-side Computing on the WWW
 - XHTML
 - CSS
 - Javascript
 - (B) Server-side Computing on the WWW
 - CGI
 - SSI
 - ~~▪ Servlets (with Java)~~
 - (C) User populations
 - current users/visitors
 - potential visitors
 - search engines
 - accessibility

- Topic II: Common Uses of the WWW
 - (A) Technology-heavy Applications
 - The Stateful Web
 - Metadata and its uses
 - meta and link
 - Dublin Core
 - folksonomies and microformats
 - The Semantic Web
 - introduction and overview
 - RDF ← also RDF for non-Sem Web
 - ~~• OWL~~

} briefly covered twice

Accessibility will be covered through the course, and will be the focus of at least one assignment

~~■ Web Services~~

~~■ perhaps RSS~~

(B) Applied WWW Use

- search engines
- filtering
- "the deep Web"
- blogs
- wikis
- tags

■ Topic III: Techniques for Programming Websites

- Javascript and the DOM
- redirection and hijacking
- preserving and using state
- ~~■ Ajax~~

↔ mostly through reading

■ Topic IV: The Big Picture

(A) ~~"The Web Graph"~~

- ~~■ description~~
- ~~■ properties~~
- ~~■ applications~~
- ~~■ research avenues~~

(B) Hypertext and the WWW

- definitions of hypertext
- potential of hypertext
- hypertext beyond the WWW?

~~■ The 7 issues~~

- Universal model of WWW technologies [from HT07]

~~● uncommon extensions to the basic WWW model [e.g. blue bull]~~

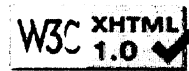
<http://users.cs.dal.ca/~jamie/CS3172/Course/schedule.shtml> (#top)

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