

CS 495/595: Introduction to Web Science
Fall 2014
CRNs 16982, 16983

Instructor: Michael L. Nelson <mln@cs.odu.edu>
<http://www.cs.odu.edu/~mln/>

Office Hours: Thursdays 2-4, and by appointment

Time: Thursdays 4:20pm - 7:00pm
Place: E&CS bldg, r. 2120

The Web has fundamentally changed how we learn, play, communicate, and work. Its influence has become so monumental that it has given birth to a new science: Web Science, or the science of decentralized information structures. Although Web Science is interdisciplinary by nature, this course will be focusing mainly on the computing aspects of the Web: how it works, how it is used, and how it can be analyzed. We will examine a number of topics including: web architecture, web characterization and analysis, web archiving, Web 2.0, social networks, collective intelligence, search engines, web mining, information diffusion on the web, and the Semantic Web.

Prerequisites: Standing as an undergraduate senior, graduate student, or approval from the instructor.

Attendance Policy: Attendance is required for class participation, presentation, and discussion. Absences must be cleared with the instructor prior to class. Even if you miss a class, you are responsible for everything that is said, discussed, and presented during class.

Grading:

Assignments: 10 @ 10 points each, details to be shared in class.

CS 495:
10 point scale with pluses and minuses:
100-92 = A
91-90 = A-
89-88 = B+
87-82 = B
81-80 = B-
etc.

CS 595:
10 point scale with pluses and minuses:
100-94 = A
93-90 = A-
89-88 = B+
87-84 = B
83-80 = B-
etc.

Late assignments lose 3 points for every 24 hours they are late.

Honor code:

Please familiarize yourself with the Honor Pledge, Honor Code, and the definitions of "plagiarism" and "unauthorized collaboration":
<http://orgs.odu.edu/hc/>

Class Homepage:

<http://www.cs.odu.edu/~mln/teaching/cs595-f14/>

Class email list:

<http://groups.google.com/group/cs595-f14>

Textbooks: None required, but check the class home page for a list of recommended books.

Check the class page and email list regularly for more information.

Old Dominion University is committed to ensuring equal access to all qualified students with disabilities in accordance with the Americans with Disabilities Act. The Office of Educational Accessibility (OEA) is the campus office that works with students who have disabilities to provide and/or arrange reasonable accommodations.

* If you experience a disability which will impact your ability to access any aspect of my class, please present me with an accommodation letter from OEA so that we can work together to ensure that appropriate accommodations are available to you.

* If you feel that you will experience barriers to your ability to learn and/or testing in my class but do not have an accommodation letter, please consider scheduling an appointment with OEA to determine if academic accommodations are necessary.

The Office of Educational Accessibility is located at 1021 Student Success Center and their phone number is (757) 683-4655. Additional information is available at the OEA website: <http://www.odu.edu/educationalaccessibility/>