CIS 260 Introduction to XML   5 Credits
Fall 2011   Section SA/SL

Class Information:

Meeting:	Mondays and Wednesdays 6:00 to 8:40 p.m.
Textbook:	Beginning XML, 4th Edition David Hunter et al. Wrox Press © 2007 (1080 pages) Available online at books24/7
Recommended Supplies:	Although it is not required it is strongly suggest that you acquire a thumb drive to save your work on at the end of each class. Snohomish 124 provides additional tools for students not available in other labs. However, there are drawbacks within this lab as well.
Instructor:	Marti Baker
Phone:	(425) 640-1766 (It is better to reach me by email)
E-mail:	mbaker@edcc.edu
Office Location:	Alderwood Hall, ALD 213
Office Hours:	Monday and Wednesday 3:00p.m. – 5:30p.m (or by appointment) To be held in SNH 124
Final Exam:	Monday, Dec 5th at 5:30 p.m. to 7:20 p.m.

Course Description, Objectives, and Deliverables

Topics include how XML is used in Web sites and data storage applications, XSL, incorporating style with XSL and CSS, Namespaces, DTDs and Schemas. Prerequisite: CIS 100 and CIS 114 with minimum grades of 3.0 or equivalent.

Upon successful completion of this course, students should be able to:

- Explain how XML is used to exchange applications.
- Explain how XML is used in document publications.
- Create, structure, and script XML documents.
- Demonstrate proper XML syntax.
- Explain element hierarchies in an XML document.
- Write well-formed XML documents.
- Use Namespaces in XML

- Add style to XML using CSS and XSL.
- Transform XML into other formats using XSLT.
- Use XPath and XPointer for locating specific XML data.
- Use XLink for linking XML and non-XML resources.
- Manipulate XML documents using DOM.
- Validate XML using DTDs and Schemas.
- Incorporate XML into traditional databases.

Course deliverables are intended to:

1. provide hands-on practice
2. encourage you to seek related knowledge on your own
3. assess your understanding of the concepts covered in this course

Exams:	There will be four quizzes/exams during the quarter. NO MAKE-UP EXAMS WILL BE GIVEN, UNLESS PREARRANGED!

Assignments and Grading

Grading will be on a mix of the percentage of points available for assignments, quizzes and tests. Additionally, 33.3% of your grade is based upon your attendance and participation in this class. See the Grade Table below for the grade point equivalents.

Grading Tables

Grade Points for Percentage of Points earned			Letter Grade Equivalency
4.0=95%	2.9=84%	1.8=73%	A = 4.0 - 3.9
3.9=94%	2.8=83%	1.7=72%	A- = 3.8 - 3.5
3.8=93%	2.7=82%	1.6=71%	B+ = 3.4 - 3.2
3.7=92%	2.6=81%	1.5=70%	B = 3.1 - 2.9
3.6=91%	2.5=80%	1.4=69%	B- = 2.8 - 2.5
3.5=90%	2.4=79%	1.4=68%	C+ = 2.4 - 2.2
3.4=89%	2.3=78%	1.4=67%	C = 2.1 - 1.9
3.3=88%	2.2=77%	1.3=66%	C- = 1.8 - 1.5
3.2=87%	2.1=76%	1.2=65%	D+ = 1.4 - 1.2

3.1=86%	2.0=75%	1.1=64%	D = 1.1 - 0.9
3.0=85%	1.9=74%	1.0=63%	D- = 0.8 - 0.7

V grades and I Grades

As stated in Edmonds Community College Catalog:

"V - Students receive this as a final grade if an instructor initiates a class withdrawal, often in consultation with the student, but also if a student enrolls in a class, but never attends or stops attending class. This process begins before the end of the quarter. A faculty member is under no obligation to agree to grant an instructor-initiated withdrawal."

"I - An incomplete is given at the discretion of the instructor and only when the student has done satisfactory work but could not, for some unavoidable reason, complete part of the course work or take the final examination. To receive an incomplete, the student must develop a contract with the instructor that sets deadlines and quality standards for the work that needs to be completed. Students must complete the work by the deadline set by the instructor. This deadline is not to exceed one year. If the contract is not satisfactorily completed by the deadline established by the instructor, the I grade remains on the student transcript."
(http://policies.edcc.edu/%5Facademic/student_Grades.php)

Basic Education Requirements(College Wide Abilities):

This class supports the College-wide standards and objectives. While achieving the course objectives above, you will be applying and developing the following basic education requirements:

- Communicate and interact respectfully through critical and imaginative expression (through writing deliverables).
- Act responsibly, both individually and collaboratively, within changing environments (through classroom discussions and team work)
- Reason clearly using varied analytic and creative approaches (through discussions, assignments, and assigned problems)

Attendance Policies

Students are expected to attend each class meeting. Up to 33.3% of your final grade will be based upon attendance and participation in class (or online).

Access to Ccourse Materials

A Blackboard classroom will be set up on the web for this class and will be a central repository of the course assignments as well as material you will need during the course. You are responsible for checking this site regularly for announcements and other information. More information and instructions for setting up and accessing your Blackboard account will be provided during the first week of class.

Classroom Conduct in the Labs

Please be courteous of other classmates. If the computers become distracting or noisy during lectures, you may be asked to turn them completely OFF.

Academic Integrity

> Discussing the course topics with your classmates is encouraged. Helping your classmates solve problems is also encouraged. However, all quizzes and individual work turned in for a grade must be done independently. No points will be awarded for individual deliverables found to contain work directly copied from others.
>
> Plagiarism and/or cheating are totally unacceptable and will be dealt with severely and on an individual basis.

Special Accomodations:

If you require an accommodation for a disability, please contact Services for Students with Disabilities, MLT 159, (425) 640-1320, ssdmail@edcc.edu.