

# CIS 260 Introduction to XML

5 Credits

Fall 2014

Section SA/SL

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## *Class Information:*

Meeting:	Mondays and Wednesdays  Lecture: 6:00 to 7:40 p.m. Lab: 7:50 to 8:40 p.m.
Office Hours	Monday and Wednesday 1:00p.m. – 5:00pm (or by appointment), Alderwood Mall 238
Textbook:	Beginning XML, 5th Edition Joe Fawcett et al. Wrox Press © 2012 Available online at <a href="#">books24/7</a>
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:	Louis HO
Phone:	425.640.1308 (better to reach me by email - I spend my time in Snohomish Hall Room 124)
E-mail:	<a href="mailto:louis.ho@email.edcc.edu">louis.ho@email.edcc.edu</a>
Final Exam:	Wed., Dec. 10, 2014 at 6:00 p.m. to 8:40 p.m. (No make up exam will be given if you are unable to attend. Do NOT schedule flights or vacations before the final exam date.)

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## *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 for locating specific XML data.
- Manipulate XML documents using DOM.
- Create XML DTDs and Schemas.
- Validate XML using DTDs and Schemas.
- Incorporate XML into traditional databases. (Time allowed)

*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 Table

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](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)

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### ***Attendance Policies***

Students are expected to attend each class meeting. Up to 10% of your final grade will be based upon attendance and participation in class (or online).

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### ***Access to Course Materials***

A Canvas 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 Canvas account will be provided during the first week of class.

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### ***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.

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### ***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.

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### ***Special Accommodations:***

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

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