

# Syllabus

While this course is a fully on-ground class, the materials and information here are provided for your reference. Additionally, assignments will be turned in through the Canvas classroom.

## CIS 260 Introduction to XML

5 Credits

Fall 2015

Section S

### ***Class Information:***

Meeting: Mondays and Wednesdays  
Lecture: 6:00 to 7:40 p.m.  
Lab: 7:50 to 8:40 p.m.

Textbook: Beginning XML, 5th Edition David  
Hunter et al.  
Wrox Press © 2012  
Available online at [books24/7](#)

Recommended Although it is not required it is strongly suggest that you acquire a thumb drive to save your work on at the end of  
Supplies: each class. Snohomish 124 provides additional tools for students not available in other labs. However, there are drawbacks within this lab as well.

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Final Exam: Wed., Dec. 9, 2015 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.)

### ***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 An instructor-initiated withdrawal. The final grade issued if an instructor initiates a class withdrawal before the end of the quarter, often in consultation with the student, or if a student enrolls in a class but never attends or stops attending class. A faculty member is under no obligation to grant an instructor-initiated withdrawal.
- I The incomplete is given at the discretion of the instructor only when the student has done satisfactory work but could not, for some unavoidable reason, complete some part of the coursework or take the final examination. The student and instructor prepare and sign an “Incomplete Grade Contract” (located in division offices) specifying the work to be completed. The contract will include the date by which all work must be submitted and the grade that will be submitted if the work is not completed. Incompletes given prior to Fall Quarter of 1990 will be assigned letter grades.

### *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 10% of your final grade will be based upon attendance and participation in class (or online).

### *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.

### *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 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).