

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 2013

Section SA/

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, 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: Kevin Millikan

Phone:

E-mail: kevin.millikan@email.edcc.edu

Final Exam: Wed., Dec. 9, 2013 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 - Students receive this as a final grade if an instructor initiates a class withdrawal, often in consultation with 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 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 or ssdmail@edcc.edu.

Fall 2013 Important Dates:

Sep. 2 Labor Day Holiday: College Closed

Sep. 7 Digital Forensics Seminar

Sep. 10 EdCAP Information Session

Sep. 23 Fall quarter classes begin

Sep. 25 Last day Web registration available for adding classes

Sep. 27 Last day for a 100% refund

Sep. 27 Last day to drop classes online

Oct. 4 Graduation application submission deadline

Oct. 4 Last day before late petition required to register unless otherwise posted in schedule

Oct. 4 Last day to drop a class without a transcript entry

Oct. 11 Last day for 50% refund

Oct. 11 Non-instructional Day, No Classes, College Open

Oct. 15 Winter quarter 2014 financial aid application deadline

Nov. 8 Last day to withdraw, add a continuous enrollment class, or change credit status

Nov. 11 Veterans Day Holiday: College Closed

Nov. 13 Registration for winter quarter begins

Nov. 27 Non-instructional Day, No Classes, College Open

Nov. 28 Thanksgiving Holiday: College Closed

Nov. 29 Thanksgiving Holiday: College Closed

Nov. 30 Thanksgiving Holiday: College Closed (No Saturday Classes)

Dec. 9 Final exams

Dec. 9 Web grading available to instructors through instructor briefcase

Dec. 10 Final exams

Dec. 11 Final exams

Dec. 12 Final exams

Dec. 12 Last day of fall quarter

Dec. 17 Grades are due

Dec. 19 Grades available to students online