

Lake Washington Technical College

MMDP 234 XML/XSL

Spring 2012

Syllabus

Course ID:	3620	Credits	5
Class Time:	4:00 – 5:50 p.m. Tue	Class Location:	W113
Instructor Name:	Alexandra Vaschillo	Office Hours:	By appointment
Phone:	-	Location:	-
E-Mail Address:	alexandra.vaschillo@lwtech.edu	Web Resource:	http://angel.lwtc.edu/

Course Description

This course is an introduction to Extensible Markup Language (XML) and Extensible Style Sheet Language (XSL).

Students learn syntax of XML and concepts of the hierarchical data model. Topics studied include transforming XML data sources with XSLT and XPath, validating XML against schema and using namespaces.

Course Prerequisites

MMDP 113 and MMDP 118, or instructor permission

Method of Instruction

This is a hybrid course. Students are expected to work independently, reading the materials posted in the course shell, reading the text book, taking online quizzes, and completing programming assignments. The class meets once a week for 3 hours. During the class meetings the instructor will give a presentation on the material the students read online and in the text book, answer any question students have. Students will also have time to ask instructor questions on the details of the implementation, compilation and debugging of the programming projects from the assignments.

Course Outcomes/Objectives

Upon successful completion of this course, the student will be able to:

- Read and understand syntax of XML documents
- Create valid XML documents
- Declare and apply namespaces to solve the problem of name collision
- Create XML schemas
- Validate XML documents
- Use XSLT to transform XML

- Use XPath to query XML data
- Use XML as a data source

Text Book and Materials

Required Text Book:

New Perspectives on XML, Comprehensive, 2nd Edition

Patrick Carey

ISBN-10: 1418860646

This text book can be purchased in the LWTC book store:

<http://www.lwtc.edu/community/bookstore/>

Data Files:

Data Files needed for the tutorials and assignments completion are available in the Lessons tab < Resources folder.

Recommended Software:

Microsoft Visual Studio Express Edition can be downloaded for free from Microsoft website:

<http://www.microsoft.com/express/Downloads/>

Choose Visual Web Developer 2010 Express version.

Course Schedule

Find detailed Course Schedule on Angel < Lessons tab < Start here < Course Information < Course Schedule

Angel

We have a heavy online component to this class using our learning management system (LMS) Angel Learning. You will need to check in frequently. It is a place to exchange files, view announcements and send and receive e-mail. Students are expected to learn and master Angel basics within 2 weeks of the quarter start and to use the site as directed. E-mail should be checked once daily at a minimum. Work must be submitted at the time and in the manner prescribed in the assignment.

Work **may not** be submitted as e-mail attachments.

Angel training workshops are available through the TLC (Teaching Learning Center) at the beginning of every quarter. Contact: Suzanne Friedman x 8303, suzanne.friedman.lwtech.edu for any assistance you need with Angel.

Course Policies

General Grading Criteria

Students are evaluated on their ability to successfully complete all assignments and tests.

Students are responsible for meeting course requirements, observing deadlines, test dates/times.

Main course components:

- Weekly programming assignments (total of 6)
- Weekly Quizzes (total of 6)
- Midterm Exam (hands-on coding test)
- Comprehensive Final Exam (hands-on coding test)
- 2 extra credit opportunities (assignments), each worth 2% of your final grade.

I will be using a percentage system of grading. The components of your final grade have the following weights:

Category	Weight
Quizzes	15%
Midterm Exam	15%
Final Exam	25%
Assignments	40%
Participation	5%
Extra Credits	4%

Grading scale:

Letter Grade	Decimal Grade	Percentage Grade (in %)
A	4.0	95-100
A-	3.7	90-94
B+	3.3	86-89
B-	2.7	80-82
C+	2.3	76-79
C	2.0	73-75
C-	1.7	70-72
D+	1.3	66-69
D	1.0	63-65
D-	0.7	60-62
F	0.0	<60

Late Work Policy

A 15% penalty will result for any assignment turned in one week late. The assignment will not be accepted later than one week after the due date.

Grade Postings

You can see your current grade on the Course tab < Grades table.
Assignments and exams will be graded within one week from the date of submission.
Quiz grades can be seen immediately upon completion of the quiz.
Participation (attendance) grade is updated at the beginning of the month and at the end of the quarter, about 3 times in a quarter.

Participation Grade

Participation grade is your "attendance grade". You get full participation grade by attending all the class meetings.

Each class meeting the instructor takes attendance. You can see your attendance records on the Course tab < Attendance table.

Students are expected to attend all class meetings. If a student disrupts the learning environment he/she will receive a reduction in participation points. If a student misses class meeting he/she will receive a reduction in participation points. If the student can not attend the class because of serious circumstances he/she should send an e-mail to instructor to get participation points for the missed class.

Assignment Grades

Each week Assignment usually consists of 4 or more programming projects. When you turn in the assignment, you turn in source codes of the projects, .htm, .css, .js and all the images that are part of the project

In order to get the full credit for the assignment each of your projects should:

- Have no syntactic errors. Project that has syntactic errors gets 15% reduction of grade right away.
- Execute and have the functionality described in the assignment problem.
- If the assignment problem contains some specific requirements for implementations, these requirements should be met.

I will provide you with the feedback in case your assignment was not given the full credit. The feedback files will be posted weekly in the Assignments Feedback folder in Lessons tab < Assignments and Drop Boxes folder.

Late Assignments and Missing Exams

Late assignment may be turned in no later than one week after the due date for 85% of the credit.

Missed and failed tests cannot be made up unless there are extenuating circumstances (death, severe illness, etc.) and the student has e-mailed instructor before the test. A 0% is earned for the test if student does not adhere to the above policy.

Absolutely no makeup final exam will be given.

Behavior Expectations /Netiquette Expectations

- The work for all assignments and tests must be done individually. No sharing of code or solutions to the problems is allowed. If I determine that someone's assignment or program is not original work then all parties involved will get a 0% grade.
- You can not post fragments of code from the assignment solutions on the Help Desk discussion board. By doing so you lose 25% of your credit for the assignment posted.
- Cell phone use is not allowed inside the classroom.
- During the class meetings students are not allowed to play games, use chat rooms, or use e-mail unless part of the instruction.
- During the class meetings show courtesy by not talking with classmates while instructor or another student is speaking.

Communication Mode/Rules/Expectations Outline

Communication Tool	How I want you to use it.
My LWTC email account	Important! Do not contact me using my LWTC account for the duration of this course unless you have an emergency. If you need to contact me via email, please contact me via the Angle email account in this course . To avoid having your message mistakenly identified as SPAM, please identify the course in the subject line (MMDP 234 XML).
My Response Time to You	I will respond to all inquiries, questions, and other electronic correspondence in a timely, but not necessarily immediate, manner. Most electronic communications will be answered within 48 hours. Weekends may take longer.
Emergencies	If you have to contact me because of an emergency, you may use my email alexandra.vaschillo@lwtc.edu
Angle email	Every student in Angle has an Angle email account. Angle email is the preferred mode of communication in this class. Angle email only works inside the course you are taking. You cannot email someone outside of the course or in another course.
Gradebook	Gradebook is the tool I choose to send you feedback for your participation, assignments and exams. Participation grade will be updated every month. Grades on assignments and exams will be posted in the gradebook within a week of the due date of the assignment. Grades on Quizzes can be seen immediately upon submission. You must refer to the gradebook in the course site to determine your grade.
Drop Box	Drop box is the tool for you to send in your assignments. You will need to upload your assignment files to digital drop boxes. Please abide by the rules for The Documents You Submit on Technology Requirement page when you submit your assignments.
Announcement	Important announcements will be made by me using the announcement tool. Please check back frequently on weekly basis.

Polls and Surveys	I will use this tool to ask for your opinion for issues of our concerns that relate to the topics we learned in the course.
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College Policies

Withdrawal Policy

Lake Washington Technical College's withdrawal policy is available at <http://lwtchost.ctc.edu/dept/orientation/policies/withdrawal/>.

Academic Honesty and Plagiarism

Lake Washington Technical College has clearly defined policies about academic honesty and plagiarism. You can find those policies in the student handbook and at the following link: <http://www.lwtc.edu/downloads/studenthandbook2007-08.pdf> .

Student Code of Conduct

Students enrolled in the College are expected to conduct themselves in a manner compatible with the College's function as an educational institution. Students that behave in a manner disruptive to the educational processes may be disciplined in accordance with the provisions of Chapter 7 and the Student Handbook. <http://www.lwtc.edu/downloads/studenthandbook2007-08.pdf> .

Disability Policy

Lake Washington Technical College complies fully with the Americans with Disabilities Act (ADA). Students requesting academic adjustments related to disability should contact Disability Support Services (DSS), Student Development Center, W207, 11605 132nd Ave. NE, Kirkland, WA 98034-8506 (<http://lwtchost.ctc.edu/dept/trio/dss/>). Students who have already requested services through DSS for academic adjustments in this class should contact the instructor as soon as possible to arrange for accommodations.

This course is offered in ADA-compliant course management system Angel (<http://www.angellearning.com/products/lms/accessibility.html>). Angel has an Accessibility Wizard that can create a customized accessibility profile to address personal needs. Screen-reader, colorblind, and low-vision users can access the wizard by clicking the **508** button at lower left of the Angel screen.

Minimum Technical Requirement

Certain minimum technical requirements must be met to enable a successful learning experience for this course. This course requires the following software and plug-ins:

Please review the important technical requirements and find the corresponding download information on [Minimum Technical Requirements](#) page in the Course Information folder under Lessons tab on Angel course site.

Technical Support

For Login

Website: <http://angel.lwtc.edu/> and enter:

User ID: Your Student ID (*i.e.*, 885123456)

Password: First 5 letters of last name (*Johnson=johns, Lee=lee*)

You may change your password after you log in.

For Student Email Account

LWTC Library

West Building, W203

Phone: (425) 739-8320

Web: <http://www.lwtc.edu/current/studentlife/email/>

Sign up in the Library Media Center to get your free LWTC student e-mail account by [downloading this application form](#) (PDF file, [requires a PDF reader](#)) and taking it to the library. Accounts can be accessed using any Web browser at <http://lwtcs.ctc.edu/exchange>.

For Login Help or Technical Support

Technical support is provided by Presidium Learning (866)425-8412. Required information you need on hand to provide technical support personnel:

1. Course ID number (if you know it)
2. Course name
3. Username or Student ID number
4. The "path" where the error is occurring
5. A copy of the error message
6. Name of browser and version
7. PC or MAC and operating system version

For General Help with Tools and Features in Angel

Angel Student FAQs

1. [How to send Email in Angel?](#)
2. [How come I cannot view postings on my discussion board?](#)
3. [How to view my grades?](#)
4. [How do I print a Word document when the screen freezes?](#)

Angel Quickstart Guide

To learn how to use the tools and features in Angel, you can access ANGEL 7.3 Student Quickstart Guide from your Angel course site by clicking the Help icon right below the login/logoff icon for your course.

Angel Help Desk

If you have a question on how to use the tools and features in Angel, you may contact the Angel Help Desk in the library at 425.739.8100 X 320 for basic Angle assistance. You may also send your email to eLearning@lwtc.edu.

For General eLearning Questions

Via Email at: elearning@lwtc.edu
Via Brandy Long at: 425-739-8303 / brandy.long@lwtc.edu

Academic Support

College Library & Media Center

Technology Center, Room T215
Phone: (425) 739-8100 X 320 (Library)
(425) 739-8100 X 226 (Media Services)
Email: lmc@lwtc.ctc.edu
Web: <http://lwtclearningcommons.com/library/>

Academic Skills Center

Technology Center, Room T217
Phone: (425) 739-8100 X 656
Web: <http://lwtclearningcommons.com/asc/>

ESL Service

Phone: (425) 739-8331

Group Classes & Individualized Instruction

Phone: (425) 739-8331

Tutoring Program

Academic Skills Center
Technology Center, T217
Contact: Mr. Charles McKain
Phone: (425) 739-8374
Email: tutor@lwtc.edu
Web: <http://www.lwtc.edu/current/studentsupport/tutoring/>

Computer Lab

Technology Center, Room T413
Phone: 425.739.8100 x 563
E-mail: michele.ng@lwtc.edu
Web: <http://lwtclearningcommons.com/computer-lab/>

College Bookstore

East Building Mall, E127
Phone: (425) 739-8108
Email: lwtc@bkstr.com
Fax: (425) 739-8416
Web: <http://www.lwtc.edu/about/mall/foodretail/bookstore/>
Online Book Ordering: <http://www.bkstr.com/Home/10001-10074-1?demoKey=d>

Student Services

College Homepage: <http://www.lwtc.edu/>

Advising: <http://lwtchost.ctc.edu/dept/advising/>

Enrollment Services: <http://www.lwtc.edu/future/enrollwithdraw/online/>

Financial Aid: <http://lwtchost.ctc.edu/dept/financialaid/>

Degree Audit: <https://www.lwtc.ctc.edu/wts/student/waci007.html>

Graduation: <http://www.lwtc.edu/current/toolbox/graduation/graduation/>

eLearning: <http://lwtchost.ctc.edu/dept/distancelearning/>

Employment Resource Center: <http://lwtchost.ctc.edu/dept/employmentresource/>

Student Support Services: <http://lwtchost.ctc.edu/dept/trio/>

Counseling Services: <http://lwtchost.ctc.edu/dept/counseling/>
