

Kishwaukee College Syllabus
CIS 124 A - Ref. #5121
Introduction to XML
3 Credit Hours, Fall 2007

I. Course Description

The use of XML in describing, presenting, and transforming documents is covered. XML syntax, DTDs (Document Type Definitions), XML Schemas, namespaces, CSS (Cascading Style Sheets), and XSL (XML Stylesheet Language) will be covered. Other topics will be covered as time permits. Three hours lecture/discussion a week.

Prerequisites: CIS 118 or equivalent, or instructor consent.

II. Meeting Time and Place

Lecture/Lab: A-374

Time: 1:00 - 2:15 P.M. Monday, Wednesday

Dates: 8/27/2007 - 12/21/2007

III. Instructor Information

Instructor: David G. Klick

Office: A-342

Email: dklick@kishwaukeecollege.edu

Phone: 815/825-2086 x 232

Website: www.kishwaukeecollege.edu/faculty/dklick/

Dept Secretary: 815/825-2086 x 283 - leave a message

Office hours: M-F 10-11 am (other times by appointment)

IV. Required Text and Materials

A. Carey, P. *New Perspectives on XML, 2nd edition (Comprehensive)*. Boston, Massachusetts: Thompson Course Technology, 2007.

B. Internet access

V. Course Objectives

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

- A. construct well-formed and valid XML documents,
- B. analyze an XML document for well-formedness and validity,
- C. design a valid Document Type Definition,
- D. design an XML Schema,
- E. use XML namespaces,
- F. design and implement a CSS stylesheet to guide the presentation of an XML document,
- G. design and implement an XSL stylesheet to guide the presentation of an XML document, and
- H. transform an XML document using XSLT

VI. Grading System

10 assignments @ 50 points each	500 points
1 midterm exam @ 100 points	100 points
1 final exam @ 200 points	200 points

Total 800 points

VII. Grading Scale

A = 90 - 100%	720 points or more
B = 80 - 89.9%	640 - 719 points
C = 70 - 79.9%	560 - 639 points
D = 60 - 69.9%	480 - 559 points

F = below 60% less than 480 points

VIII. **Course Procedures**

- A. Students are expected to attend every class session on time and prepared to participate, take notes, and save their work.
- B. Students are expected to spend **time outside of class** completing assignments. Lab schedules are posted at each lab. Food and beverages are not permitted in the labs.
- C. A familiarity with computers and the Windows operating system is expected.
- D. Assignments are to be turned in on time. Assignments which are not turned in on time will not be accepted unless individual arrangements are made **in advance** with the instructor. Depending upon the individual assignment, you may be required to turn in a printout and/or digital copy.
- E. Tests are to be taken at the day and time scheduled. Failure to take a test at the scheduled time may result in a grade of 0 for that test. In the case of an excusable absence or a genuine emergency, the instructor must be contacted as soon as possible, preferably before the scheduled test, to reschedule the makeup of that test in the Learning Skills Center on the day the student returns to campus.
- F. Students are expected to show respect toward other students and their work. Behavior inconsistent with this goal is NOT allowed in the classroom and is grounds for expulsion from the class.

IX. **Emergency Procedures**

Class cancellation due to inclement weather will be announced on local radio stations or posted on the College web site: www.kishwaukeecollege.edu. Students may also call the College at (815) 825-2086. Class cancellations due to instructor absence will be posted on the classroom door. Room changes will be announced in advance whenever possible and posted on the classroom door.

X. **College Withdrawal Policy**

A "W" will not be given as a final grade. The student is responsible for officially withdrawing from the class according to procedures described in the college catalog. Any student that does not officially withdraw from the class will receive a letter grade. The last date for withdrawal for this course can be found at www.kishwaukeecollege.edu/about/policies/academic.shtml. For this course, the withdrawal deadline is: November 29, 2007.

XI. **Incomplete Grade Policy**

All course requirements must be completed by the end date for the course. If there are extenuating circumstances which merit granting a student more time to finish course requirements, an incomplete grade ("I") may be given. To receive an incomplete, an Incomplete Grade Contract Form must be completed and approved. If the requirements are not completed, the "I" may revert to an "F" grade. Students must discuss the incomplete with the instructor.

XII. **Learning Skills Center Policy**

Students must present their Kishwaukee College student ID when using any Learning Skills Center services. For coursework testing, the L.S.C. will provide calculators for exams which require their use. No cell phones, pagers, food, or drinks are allowed in the Center. L.S.C. testing hours are 8 a.m.-10 a.m. and 1:30 p.m.-7:30p.m. Monday through Thursday; Friday hours are 8 a.m. -10 a.m and 1:30 p.m.-3:30 p.m. Learning Skill Center information is subject to change. For current information on the Learning Skills Center go to www.kishwaukeecollege.edu/learning_skills_center.

XIII. **Graduation Requirements for Transfer Degree Students**

As part of the assessment program, students intending to graduate with an A.A., A.E.S, A.F.A., or A.S. are required to submit a Degree Portfolio. Information on the degree portfolio can be found at www.kishwaukeecollege.edu/portfolio/.

XIV. **Academic Dishonesty**

A student who commits an act of academic dishonesty such as plagiarizing or cheating on a quiz or exam will be penalized at the discretion of the instructor. Penalties may range from receiving a zero on the assignment in question to receiving a failing grade in the course. A complete explanation of policy and procedure can be found in the Kishwaukee College catalog. If you can not complete an assignment,

contact the instructor. Do NOT copy from another student. It is NOT permissible to work together and turn in the same work. Assignments which are deemed suspicious will be referred to another instructor or IT professional. If that third party decides that there are improbable similarities and cheating is likely, then cheating will be assumed. Absolute proof of cheating is not required for the instructor to take action.

XV. Attendance Policy

Class attendance is strongly encouraged. You are responsible for whatever was covered in class, whether you are there or not. If you must miss a class, it is your responsibility to contact the instructor and make arrangements for notes, handouts, or announcements that were missed. Although attendance is not counted toward the final grade, quizzes which are given during class time (and may not be made up) do count toward the final grade.

XVI. Copyright Policy

As a Kishwaukee College Student, you may have copyrighted and/or licensed software made available to you by the college for course use. Copyrighted and/or licensed software may prohibit copying. *Violation of copyright laws can lead to prosecution for a criminal offense.*

Tentative Weekly Schedule

This is the first time this course is being taught. The schedule is almost certain to change. Changes will be announced in class. If you are not able to attend class, it is your responsibility to find out what was covered. See the course web site for assignment due dates. Although not guaranteed, the instructor will try to post notes for each class session on the course web site to keep track of what was covered.

Week 1	8/27	syllabus, creating an XML document	Syllabus, Tutorial 1
	8/29	creating an XML document	Tutorial 1
Week 2	9/3	School closed - Labor day	
	9/5	creating an XML document	Tutorial 1
Week 3	9/10	working with namespaces	Tutorial 2
	9/12	working with namespaces	Tutorial 2
Week 4	9/17	validating an XML document	Tutorial 3
	9/19	validating an XML document	Tutorial 3
Week 5	9/24	working with schemas	Tutorial 4
	9/26	working with schemas	Tutorial 4
Week 6	10/1	working with schemas	Tutorial 4
	10/3	working with CSS	Tutorial 5
Week 7	10/8	working with CSS	Tutorial 5
	10/10	working with CSS	Tutorial 5
Week 8	10/15	catch-up on topics, review for midterm	
	10/17	midterm	
Week 9	10/22	working with XSLT and XPath	Tutorial 6

	10/24	working with XSLT and XPath	Tutorial 6
Week 10	10/29	working with XSLT and XPath	Tutorial 6
	10/31	Creating a computational style sheet	Tutorial 7
Week 11	11/5	creating a computational style sheet	Tutorial 7
	11/7	creating a computational style sheet	Tutorial 7
Week 12	11/12	creating element groups	Tutorial 8
	11/14	creating element groups	Tutorial 8
Week 13	11/19	creating element groups	Tutorial 8
	11/21	using XML as a data source	Tutorial 9
Week 14	11/26	using XML as a data source	Tutorial 9
	11/28	using XML as a data source	Tutorial 9
Week 15	12/3	working with the DOM	Tutorial 10
	12/5	working with the DOM	Tutorial 10
Week 16	12/10	working with the DOM	Tutorial 10
	12/12	catch up on topics, review for final	
Final	12/18	Final exam: 12:00 - 1:50 PM	

This page last modified on 06/21/2011 04:24:22