

**2145 COIN-078B.01**

LEC 6:00-8:50PM W MC-I10

L- L 9:00-9:50PM W MC-I5

**Internet Programming with XML****Instructor: Newton Chan**email: [channewton@fhda.edu](mailto:channewton@fhda.edu)

Office: W 5:00-6:00PM MC-I10

**5 Units**

Three hours lecture, one hour lecture-laboratory, five hours terminal time.

**PREREQUISITE**

COIN-078 or Intro to XML and familiarity with HTML, JavaScript, JAVA and SQL recommended.

**TEXTBOOK**

- *Real World XML* by Steven Holzner, 2003 PeachPit Press; ISBN 0735712867 [Safari Book](#)  
[Online](#) [bookpool.com](#) [amazon.com](#)
- *Teach Yourself Web Services in 24 Hours*, by Stephen Potts & Mike Kopack, 2003 Sams Publishing; ISBN 0672325152 [buy.com](#) [bookpool.com](#) [amazon.com](#)

**COURSE CONTENT & OBJECTIVES**

- Survey of common real world XML applications
- XML formatting with XSL-FO and transformation of XML into other formats through XSLT and XPath
- Develop hands-on programming skills specifically for processing XML in applications using DOM and SAX
- Understanding and consuming Web Services, including the use of SOAP, WSDL, and UDDI

**METHODS OF INSTRUCTION**

- Lecture and Online Resources
- Homework Assignments. Mini-projects (weekly in summer, bi-weekly in regular quarters) that reinforce the subjects covered on the lecture.

**EVALUATION**

5 Homework* ( 20 pts. each )	100
Midterm**	50
Finals	50

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Total	200
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**GRADE\*\*\***

A	180 to 200
B	160 to 179
C	140 to 159
D	120 to 139
F	0 to 119

\* The homework assignments will be due no later than two weeks after they are assigned. Each student is expected to abide by [Foothill College Academic Honor Code](#). Each person's work must be original. Any submissions that closely resemble each other will be returned with no points to all students involved.

\*\* Except for immediate notification of religious holidays, illness or death in family, there is no make-ups on any exam.

\*\*\* Contact Admissions & Records for pass/no pass

**ATTENDANCE**

Attendance is fully encouraged and will be taken weekly. I know most of you are professionals so I understand unavoidable absences, but you are responsible for acquiring and learning the assigned materials. It is your responsibility to drop yourself officially through the college records office if you wished. Last day to drop a class without a grade or to file