

**Course:** IT 199, Section 70 (30371) 3 credits

**Days/Times:** M 9:30 am – 12:15 pm

Room: BR B20

**Instructor Information**

Name: Dianne L. Roman

Email: droman@blueridgectc.edu

**Text:**

- XML 2<sup>nd</sup> Edition Comprehensive, Patrick Carey, isbn: 978-1-4188-6064-6
- Access to the internet

**Course Description**

XML is a structuring language for the web. Basically it allows the creator to organize content. The actual formatting of a document is usually done in CSS or XHTML.

This class will look at learning about XML and how to develop documents in it along with HTML & XHTML. This is an Introductory level class, so a student does not need to have experience in web development to take the class, just a willingness to learn. Some html & xhtml basics will be covered to assist all students. In addition to a text, students will also utilize the internet as a major resource.

**Prerequisite**

*None, students should possess a working understanding of computers and the Vista environment. Computer basics and file management will not be covered – if you do not have these skills you will be responsible to development them on your own outside of class. The course will begin with the basics of working in **Notepad** – a basic text entering program on a PC.*

**Student Learner Objectives**

The student will:

- develop a working vocabulary of terms related to basic web page development and structure based web documents
- work with the various elements of a web document, including: the root tree, correct syntax, namespace and validation
- complete several textbook projects designed to introduce the student to a variety of tools and concepts with step-by-step directions for successful completion
- complete homework projects designed to display understanding and mastery of skills
- research a variety of related topics and ideas and present to the class their findings
- work both independently and in various groups on projects
- be given a final project to demonstrate their mastery of the topic

**Areas of Blooms Taxonomy Covered**

- Students will exhibit an understand of concepts and terminology associated with web documents in general and structured based documents specifically through the development of several projects: **Understanding**
- Students will create a variety of documents that are well formed and validate professionally: **Applying**
- Students will create a final simple web project demonstrating understanding of the structure aspects of XML: **Creating**

## Teaching Methods:

**I consider this to be an active learning environment, for all students as well as myself.**

1. **Lectures – or Talks:** Important material from the text and outside sources will be covered in class. Students should plan to take careful notes as not all material can be found in the texts or readings. Discussion is encouraged as is student-procured outside material relevant to topics being covered. Students will be expected to present (or discuss) information they have found as well.
2. Students are expected to arrive to class on time with having read the necessary material before class begins. The course begins at 9:30 am – so I will begin then.  
The class will cover concepts related to and work on the textbook projects, as much as possible.
3. If you are unable to arrive to class on time, do not walk in as someone is talking (either myself or a student), wait until a pause or break is taken. Enter quietly and discreetly **BUT DO COME IN!**
4. Do not expect me to stop the class to help you get caught up or provide you with materials you have missed. If you miss part of a lecture or presentation, ask a classmate after class (or during break or production time) for the opportunity to review their notes.
5. Never be disruptive in class, rude to your fellow students or any faculty member.
6. **Quizzes:** Occasional unannounced quizzes or special projects will be given to help ensure students stay up with assigned material. If you miss one of these, it cannot be made up.
7. **Internet:** I will try to provide all materials on the Internet after being presented in class. *Information about this will be given out in class at a later time if possible.*

## Class work and Homework:

- The In-class project, *or as much as is finished* - must be turned in at the end of class we worked on it in. If you are not able to finish the project in class, you still need to turn in what you have done, then finish it out of class and turn in the complete project at the beginning of the next class. I will attach them together and give you full credit upon the completion.
- In addition to the in-class (usually textbook related) projects, out of class project will be assigned and due at the beginning of the next class – or given a deadline.
- **In class projects as well as Homework Projects turned in late will lose one grade level for each day late.**
- As I am on campus Monday & Wednesday only, late work must be turned in to my mailbox in the Business and Technology Office. You will need to have a date and signature from a staff member there before you place it in my mail box – or I will not accept it.

## Additional Class Expectations

### VERY IMPORTANT

- I **expect** all students to read the text book **BEFORE** we cover the information in class.
- I also expect each student to **practice the assignments more than once** in order to learn the information, not just to do the assignment.
- Failure to attend class on the day of a test or presentation, requiring the instructor to rescheduled topics & class events, will result in a lower score.
- Students are to sit as close to the front as computers are available. If this class size does not require the use of computers in the back row – do not sit there.
- Cell phones are to be turned off during the full class time. If you are expecting an emergency call – set your phone to vibrate and keep it on your person.
- No computers gaming, personal emailing, surfing the net, etc is to be done in class. *Find something exciting about the material being covered to interest yourself with in class.*

## Course Requirements

- Attend the classes; attendance **does** affect the final grade, in a positive or negative direction
- The final grade will be calculated by dividing the total points earned by the student by the total points assigned
- Take and pass all tests & quizzes
- Participate in all group activities that your are assigned to, displaying both your contribution and that final results of the full group
- **Do all work assigned: this includes all aspects, note taking and presentation as well as the actual project**

## Contacting Me:

**Do so with my Blue Ridge e-mail: [droman@blueridgectc.edu](mailto:droman@blueridgectc.edu)**

**Be aware - I am not on email 24/7**

M – W I am either in a class teaching, driving to and from or involved with another project. I do not read email then. I will try to review my Blue Ridge email on Thursdays and respond as I can. This depends on homework I am grading, new information I am researching & projects I am developing.

## Grading

All coursework (in-class, projects and tests) are assigned a point value. For some assignments the points are awarded for completing the work. On other occasions the work is graded for content, clarity and presentation. Each project has a different point value, depending on the project and skill level.

**Work will be given a deadline.** If you turn your work in after the deadline it will be worth less value. Each day late is a grade lower.

Actual grades are based on percentage as follows (same for projects & exams):

90-100%	= A
80-89%	= B
70-79%	= C
60-69%	= D

## Procedure to Withdrawal From this Course

The last day to withdraw from this course is November 6, 2009.

A student wishing to withdrawal from this course must submit a completed Withdraw Form to the Office of Enrollment Management at BRCTC. A completed Withdrawal Form includes the signature of the student's Academic Advisor and the instructor of the course being dropped. Failure to submit the completed Withdrawal Form to the Office of the Registrar by the deadline will result in the grade of IF or F.

## Blue Ridge Community and Technical College Mission Statement

Blue Ridge Community and Technical College is dedicated to providing a diverse student population with collaborative programs and support services to improve the quality of life and promote economic development in its service area. The quality academic programs are learner centered and focused on career entry, university transfer, adult basic education, and workforce development.

## Program Assessment

The faculty members of Blue Ridge CTC are dedicated to assuring that each student meets the educational objectives of the program. The educational objectives have been developed and are planned to assure that the program is producing graduates who will be successful in obtaining and maintaining positions in the entry-level business field and who will be quality employees. To achieve this goal, the faculty is committed to a systematic and comprehensive process of assessment of student learning. As part of this program assessment, students will from time to time asked to participate in non-graded

assessment activities which may include, but are not be limited to, participation in role-playing simulations and completion of standardized written or practical examinations or pre and post graduation surveys.

### **Academic Integrity**

Cheating in all its forms, including plagiarism and cheating on visual work, is considered an academic matter to be controlled and acted upon by the instructor of this course. Students guilty of academic dishonesty on any graded assignments in this course will be penalized with a grade of F in the course. Such action shall be taken by the instructor, with written notification to the Division Dean at Blue Ridge CTC. Students involved in facilitating academic dishonesty among others, such as the unauthorized dissemination of examination materials, will be subject to disciplinary action as well.

Plagiarism is "the act of stealing and using, as one's own, the ideas, or the expression of the ideas of another." Whether that other is another student or a published author, plagiarism is cheating. Detailed instructions on avoiding plagiarism will be provided in required English courses, and comments also may be made by instructors in other courses for which papers are written. Guidelines and policies affecting dishonesty and most other aspects of student life may be found in the Blue Ridge CTC Student Handbook.

### **An additional note about academic honesty/dishonesty:**

If you are having difficulty keeping up with the material in this class – work with another student or two in a study group, get a tutor, whatever you need to learn and understand the material. This resource is to help you NOT to do the work for you. If two or more students work “together,” yet in fact it is only one student doing the work and sharing the final files with others for them to add their name to it – only one student gets the knowledge and the grade. Lack of understanding will show up in both in-class performance and on the exams.

### **Disability Services**

Are available to those that qualify and ask for assistance. Disability services are a self reported accommodation. To review what options you have and what steps you will need to take to get proper documentation in order for you to receive accommodations contact James McDougle in the Student Affairs Office.

**This syllabus and the weekly breakdown of projects may be altered at any time at the discretion of the instructor.**

### **Some on-line resources to use:**

<http://www.course.com/np/xml2e/index.cfm>

<http://www.w3schools.com/XML/default.asp>

<http://www.w3.org/>

<http://www.xml.org/>

## Fall 2009 Calendar of Event

Date	Day	Event
8/14/09	Fri	Add/Drop and Late Registration (Late Fee Applies), via BRIDGE - Consult Advisor
8/17/09	Mon	Classes Begin
8/21/09	Fri	Last Day to Add/Drop or Late Register via BRIDGE - Consult Advisor
8/28/09	Fri	Last Day to Change a Course from Credit to Pass/Fail Status (1st 8 week and Full term)
9/07/09	Mon	Labor Day Holiday, College Closed
9/08/09	Tue	Last Day to Change a Course from Credit to Audit Status (1st 8 week and Full term)
9/25/09	Fri	Last Day to Withdraw from First 8-week class - Consult Advisor
10/05/09	Mon	First Day of Mid-Terms
10/10/09	Sat	Last Day of Mid-Term Exams
10/12/09	Mon	Final Grades Due for First 8 week classes - 9:00 am Mid-Term Grades Due for Full Semester classes - 9:00 am
10/12/09	Mon	Second 8-weeks classes begin
10/14/09	Wed	Mid-term and Final Grades Available on BRIDGE (Tentative)
10/19/09	Mon	Last Day to Apply for May Graduation
10/23/09	Fri	Last Day to Change a Course from Credit to Pass/Fail Status (2nd 8 week)
10/28/09	Wed	First Day of Academic Advisement for Continuing Students for Spring
10/30/09	Fri	Last Day to Change a Course from Credit to Audit Status (2nd 8 week)
11/06/09	Fri	Last Day to Withdraw from a Full Semester Class - Consult Advisor
11/09/09	Mon	First Day of Spring semester BRIDGE Registration for Continuing Students
11/20/09	Fri	Last Day to Apply for a Certificate for December
11/22/09	Sun	First Day of Thanksgiving Recess
11/29/09	Sun	Last Day of Thanksgiving Recess
11/30/09	Mon	Last Day to Withdraw from second 8-weeks Class - Consult Advisor
12/04/09	Fri	Last Day to Completely Withdraw from ALL Classes - Consult Advisor Last Day of Classes
12/07/09	Mon	First Day of Final Exams
12/12/09	Sat	Last Day of Final Exams
12/14/09	Mon	Grades Due 9:00 am
12/16/09	Wed	Grades will be available via BRIDGE - Tentative