

Syllabus 2012

WEB DEV VI JS FRAMEWORKS - Online CIS 246 Credit(s): 5 Spring 2012

Course Description:

Students will investigate and use the advanced techniques available in JavaScript Frameworks (libraries) such as JQuery, AJAX, MooTools and Prototype. Prerequisite: CIS 242 and 260 with minimum grades of 2.5 or equivalent experience.

Course meeting information:

Location:	Online Course
Days and time	Online Sessions: Fridays 10:30 a.m. Optional attendance, if unable to attend, watch the recording of the session
Final Exam / Project Due:	Thursday, June 12 6:00 p.m.

Instructor Information:

Instructor:	Marti Baker
Telephone number:	425.640.1766 (better to reach me by email)
email:	mbaker@email.edcc.edu
Office location:	Alderwood Hall 213 - I spend most of my time in Snohomish Hall 124
Office Hours:	Mondays and Tuesdays from 3:00 to 5:30 p.m. Snohomish Hall 124

Text: BEGINNING AJAX

Author(s): ULLMAN

Publisher: Wrox Press

ISBN: 9780470106754

Text: SMASHING JQUERY

Author(s): RUTTER

Publisher: Wiley & Sons

ISBN: 9780470977231

Other Materials: While it is not required, I strongly suggest that you purchase a thumb drive to backup the work you do in this course.

Text book is available online through [Edmonds Community College's Library and books24/7](#)

Course Objectives:

Upon completion of this course, students will:

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

Reason clearly using varied analytic and creative approaches

1. Make clear decisions about the advantages-disadvantages of using advanced scripting techniques over other web technologies.

2. Create intermediate web sites using JQuery, AJAX, MooTools and other JavaScript framework libraries.

3. Read, modify, and create XML documents through AJAX libraries.

4. Create advanced user interface using MooTools, JQuery, and Prototype.

5. Incorporate advanced scripting techniques into web pages and web sites.

6. Make clear decisions and use the appropriate JavaScript framework technology as needed within a web page or site.

7. Create clear and useful documentation of technologies to create a web page or site.

Communicate and interact respectfully through critical and imaginative expression

1. Communicate assumptions and choices made in the techniques used to create web sites.

2. Engage in conversations about the different development tools and technologies used to create web sites.

3. Communicate the advantages and disadvantages of each of the different JavaScript framework technologies.

Explore critically and creatively the diversity of cultures, ethics, values, and ways of thinking across communities

1. Demonstrate the ability to work collaboratively within groups.
2. Apply the appropriate tools and technology to facilitate sustainable web sites.

Grading

Grading will be on a mix of the percentage of points available for assignments and your attendance and participation in this class. See the Grade Table below for the grade point equivalents.

Attendance and participation: 20% of final grade (through signing in 3 times per week and participation within the discussion board)

Assignments and final project: 80% of final grade

What are the rules about late work? With the exception of the final project/assignment, projects/assignments are due at 11:59 p.m. on the last day of the week according to the course schedule. Projects/assignments received late will be marked **50%** off after the class meeting where the assignment is due. After the second meeting, no late assignment will be accepted. The final project will not be accepted late. No assignments will be accepted after the last class meeting of the quarter.

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 the 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."

Grading Table:

Grade Points:						Letter Grades:			
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

Course Policies:

Academic Honesty:

I will not tolerate cheating. Grades on assignments, quizzes or tests will be adjusted as warranted. Students who are suspected to have cheated will have a private talk with me and/or the division director. During or after this discussion we may make a suitable adjustment, if circumstances seem to warrant it. The following list is a sample of items that I consider to be cheating, but is not a complete list:

- Any assignment OR test which is copied in whole or in part from another person.
- Plagiarism (please be sure that you know what this means).
- Using corrected exams to study for late test taking.
- Use of past test to study for test taking.

Attendance: While attendance is not mandatory, it is strongly suggested that you attend every class and are on time for the start of the course. If you are unable to attend regularly, you should reconsider your enrollment in the is course. The topics covered are difficult and require your attention and diligence. 20% of your grade is based upon your attendance and participation within this course.

Cell Phones: Please turn off all cell phones and pagers. They are disturbing and an interruption to the classroom environment.

Americans with Disabilities Act (ADA)

If you require an accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425-640-1320, ssdmail@edcc.edu. As well, please let me know if there is anything that I can do to help you be successful in this course.

About Online Courses: This is an **online** course. Classroom time is replaced by content and activities that take place in a managed online classroom (Blackboard). However, the contact hours are flexible and assignments and communication can take place at home or any place with a computer and Internet access. Generally, online classes do not require campus visits (unless stated here). For more information about taking an online class, visit www.edcc.edu/online.

- Toll-free technical support (24/7) 1-866-886-4854
- Online support (24/7) at <http://blackboard.edcc.edu> (Click on the Help button located on the top of the page)