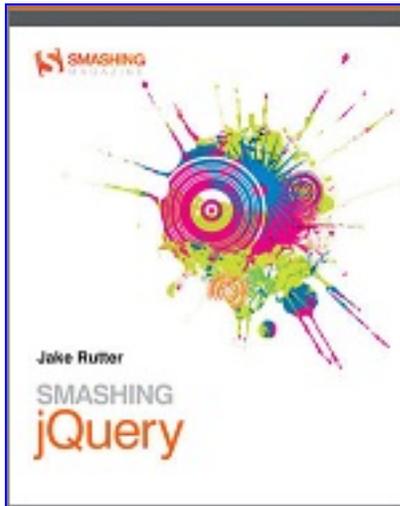


# Course Syllabus



WEB DEV VI JS  
FRAMEWORKS - Online

CIS  
246

Credit(s): 5 Spring 2013

## 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

Final Exam / Project Due:

Tuesday,  
June  
11 6:00  
p.m.

## Instructor Information:

Instructor: Eric Collins

Telephone number: 425.640-1339 extension 7071 (better to reach me by email)

email: [eric.collins@email.edcc.edu](mailto:eric.collins@email.edcc.edu)

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 and other JavaScript framework libraries.
3. Read XML documents through the use of JQuery's AJAX libraries.
4. Create advanced user interface using JQuery.
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. 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: 10% of final grade.

Tests and quizzes: 40% of final grade.

Projects: 30% 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 "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."  
 ([http://policies.edcc.edu/%5Facademic/student\\_Grades.php](http://policies.edcc.edu/%5Facademic/student_Grades.php))

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
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### 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.

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#### 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](mailto: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.

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#### About Online Courses:

This is an **online** course. Classroom time is replaced by content and activities that take place in a managed online classroom (Canvas). 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](http://www.edcc.edu/online).

As your instructor, I am committed to getting back to you within 48 hours (except weekends and holidays) of when you communicate with me. If you do not hear from me after 48 hours, please reach out to me again.

To complete this course successfully, you should have the following technical skills and technology available:

Technical Skills / Technology Available

- A stable internet connection
- The capability of downloading and installing software

Student Rights and Responsibilities

As a student at Edmonds, you should know about your rights and responsibilities as provided in the student handbook. Please take a few minutes to read the student handbook. The link can be found at the bottom center of the [Edmonds Community College Policies](#) page.

Date	Day	Details
Apr 9	Tue	<a href="#">Chapter 1 Discussion: Introduction to jQuery</a> due by 11:59am
		<a href="#">Chapter 2 Discussion: Getting Started with jQuery</a> due by 11:59am
		<a href="#">Chapter 2: Getting Started with jQuery Quick Quiz</a> due by 11:59pm
		<a href="#">Chapter 1 - Introduction to jQuery Quick Quiz</a> due by 11:59pm
		<a href="#">Project 1 - Setting up your development environment for jQuery</a> due by 11:59pm
		<a href="#">Week 1 - Introductions</a> due by 11:59pm
Apr 16	Tue	<a href="#">Chapter 3: Using Selectors, Filters, and CSS—jQuery at its Core Discussion</a> due by 11:59pm
		<a href="#">Chapter 3: Using Selectors, Filters, and CSS—jQuery at its Core Quick Assignment</a> due by 11:59pm
		<a href="#">Chapter 3: Using Selectors, Filters, and CSS—jQuery at its Core Quick Quiz</a> due by 11:59pm
		<a href="#">Chapter 4: Working with Events Quick Assignment</a> due by 11:59pm
		<a href="#">Chapter 4: Working with Events Quick Quiz</a> due by 11:59pm
Apr 23	Tue	<a href="#">Chapter 5: Making Your Site Come Alive Discussion</a> due by 11:59pm
		<a href="#">Chapter 5: Making Your Site Come Alive Quick Quiz</a> due by 11:59pm
		<a href="#">Project 2 - Working with jQuery Events and Effects</a> due by 11:59pm
		<a href="#">Chapter 6 Discussion</a> due by 11:59pm
May 7	Tue	<a href="#">Chapter 6: Improving Navigation - Menus, Tabs and Accordions Quick Assignment</a> due by 11:59pm
		<a href="#">Chapter 7 Creating Interactive and Exciting Tables Discussion</a> due by 11:59pm
		<a href="#">Chapter 7: Creating Interactive and Exciting Tables Quick Assignment</a> due by 11:59pm
		<a href="#">Chapter 7: Creating Interactive and Exciting Tables Quick Quiz</a> due by 11:59pm
		<a href="#">Chapter 6: Improving Navigation - Menus, Tabs, and Accordions Quick Quiz</a> due by 11:59pm
May 14	Tue	<a href="#">Chapter 8 - Creating Advanced Forms with jQuery Discussion</a> due by 11:59pm

<b>Date</b>	<b>Day</b>	<b>Details</b>	
		<a href="#">Chapter 8 - Creating Advanced Forms with jQuery Quick Quiz</a>	due by 11:59pm
		<a href="#">Chapter 8: Creating Advanced Forms with jQuery Quick Assignment</a>	due by 11:59pm
		<a href="#">Chapter 9 - Working with Dynamic Data and Ajax Quick Quiz</a>	due by 11:59pm
<b>May 21</b>	<b>Tue</b>	<a href="#">Chapter 9: Working with Dynamic Data and Ajax Quick Assignment</a>	due by 11:59pm
		<a href="#">Chaper 10: Creating and Using jQuery Plug-Ins Quick Assignment</a>	due by 11:59pm
<b>May 28</b>	<b>Tue</b>	<a href="#">Chapter 10 Discussion</a>	due by 11:59pm
		<a href="#">Project 3 - jQuery and Forms</a>	due by 11:59pm
		<a href="#">Chapter 11: Developing for Mobile Web jQuery Discussion</a>	due by 11:59pm
<b>Jun 4</b>	<b>Tue</b>	<a href="#">Chapter 11: Developing for Mobile Web with jQuery</a>	due by 11:59pm
		<a href="#">Chapter 12 - Finding jQuery Resources Discussion</a>	due by 11:59pm
<b>Jun 11</b>	<b>Tue</b>	<a href="#">Project 4: Updating a web site using jQuery</a>	due by 11:59pm
		<a href="#">Week 10 - jQuery, what do you like?</a>	due by 11:59pm