Course Syllabus

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**Course Syllabus**  
   WEB DEV VI JS FRAMEWORKS - Online CIS 246 Credit(s): 5 Spring 2016

**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.   
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**Course meeting information:**  
Location: Online Course  
Final Exam / Project Due: Wednesday, June 15, 2016  
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**Instructor Information:**

**Instructor:**Louis HO  
Telephone number: 425.640-1308

**Email:**[louis.ho@email.edcc.edu](mailto:louis.ho@email.edcc.edu)

**Office Location:**Alderwood Hall 235A

**Office Hours:**Monday and Wednesday, 1pm - 5pm, Alderwood Hall 235A.

**Best Way to Contact Me:** Besides office hours, the best way to contact me if through my email [louis.ho@email.edcc.edu](mailto:louis.ho@email.edcc.edu)

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**Course Materials**  
Textbook: 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  
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.

Computer Resources:             Snohomish Hall 124 Open Lab Hours

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| **Day:** | **Times:** |
| Monday | 2:00 p.m. to 6:00 p.m. |
| Tuesday | 2:00 p.m. to 6:00 p.m. |
| Wednesday | 2:00 p.m. to 6:00 p.m. |
| Thursday | 2:00 p.m. to 6:00 p.m. |
| Friday | 10:00 a.m. to 4:00 p.m. |

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**Course Objectives:**

Upon successful completion of this course, students will be able to:  
1. Make clear decisions about the advantages-disadvantages of using advanced scripting techniques over other Web technologies.  
2. Create intermediate websites 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 websites.  
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.  
8. Communicate assumptions and choices made in the techniques used to create websites.  
9. Engage in conversations about the different development tools and technologies used to create websites.  
10. Communicate the advantages and disadvantages of each of the different JavaScript framework technologies.  
11. Demonstrate the ability to work collaboratively within groups.  
12. Apply the appropriate tools and technology to facilitate sustainable websites.   
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**Grading**

Grading will be on a mix of the percentage of points available for assignments, tests, quizzes, projects and your attendance and participation in this class.

**What are the rules about late work?**With the exception of the final project/assignment, projects/assignments are due according to the course schedule in Canvas. Projects/assignments received late will be marked 50% off if the assignment is not submitted by the stated date in Canvas. After the second week, no late assignment will be accepted. The final project will not be accepted late. No assignments will be accepted after Wednesday, June 15, 2016.

V grades and I Grades As stated in Edmonds Community College Catalog:

"V - An instructor-initiated withdrawal. The final grade issued if an instructor initiates a class withdrawal before the end of the quarter, often in consultation with the student, or if a student enrolls in a class but never attends or stops attending class. A faculty member is under no obligation to grant an instructor-initiated withdrawal."

"I - The incomplete is given at the discretion of the instructor only when the student has done satisfactory work but could not, for some unavoidable reason, complete some part of the coursework or take the final examination. The student and instructor prepare and sign an “Incomplete Grade Contract” (located in division offices) specifying the work to be completed. The contract will include the date by which all work must be submitted and the grade that will be submitted if the work is not completed. Incompletes given prior to Fall Quarter of 1990 will be assigned letter grades." ([http://catalog.edcc.edu/content.php?catoid=23&navoid=6553 (Links to an external site.)](http://catalog.edcc.edu/content.php?catoid=23&navoid=6553))   
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**Grading Table:**

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| 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:**Because this is an online course, your "class participation" is your Discussion Board contributions. Generally there is a topic to be discussed each week of the course. The topics covered in this course can be difficult and require your attention and diligence. You should check in on the course at least 3 times a week, to be sure that you don't miss any important announcements or information.  About 10% of your grade is based upon your participation within this course.    
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**Student Civility Code and Online Etiquette Expectations**

I expect that students will conduct themselves in accordance with the Student Civility Code.  The goal of the Student Civility Code is to improve the way Edmonds Community College educates students in the values of personal responsibility, consideration for others, and mutual respect in the presence of difference and disagreement.  This means that everyone (students and faculty) should engage in courteous discourse - verbal and non-verbal, electronic and written. The primary way that communication will take place in our class is through email, discussions and assignment feedback. I will always communicate with you in a respectful manner and my expectation is that you will communicate with me and your classmates in the same way.   
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**Services for Students With Disabilities**

• If you require an accommodation for a disability, please contact Services for Students with Disabilities at MLT 159, 425.640.1320 or[ssdmail@edcc.edu](mailto:ssdmail@edcc.edu)

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**Course Materials**  
**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 (Links to an external site.)](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.

**Technical Skills / Technology Available:**To complete this course successfully, you should have the following technical skills and 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.

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**Student Services Information:**[**www.edcc.edu/students** (Links to an external site.)](http://www.edcc.edu/students/default.html)

* **Academic Calendar:**[www.edcc.edu/calendar/academic.html (Links to an external site.)](http://www.edcc.edu/calendar/academic.html" \t "_blank)
* **Advising:**[www.edcc.edu/advising (Links to an external site.)](http://www.edcc.edu/getting-started/advising/default.html" \t "_blank)
* **Center for Student Engagement and Leadership:**[www.edcc.edu/csel (Links to an external site.)](http://students.edcc.edu/csel/default.html" \t "_blank)
* **College Policies and Procedures:**[http://catalog.edcc.edu (Links to an external site.)](http://catalog.edcc.edu/" \t "_blank)
* **Counseling and Resource Center:**[www.edcc.edu/counseling (Links to an external site.)](http://www.edcc.edu/counseling/default.html" \t "_blank)
* **Diversity Student Center:**[www.edcc.edu/dsc (Links to an external site.)](http://www.edcc.edu/dsc/default.html" \t "_blank)
* **eLearning Information:**[www.edcc.edu/elearning (Links to an external site.)](http://www.edcc.edu/elearning/)
* **Enrollment Services:**[www.edcc.edu/es (Links to an external site.)](http://www.edcc.edu/es/default.html)
* **Learning Support Center (Tutoring):**[www.edcc.edu/lsc (Links to an external site.)](http://www.edcc.edu/lsc/default.html)
* **Library**, including online resources: [www.edcc.edu/library (Links to an external site.)](http://www.edcc.edu/library/default.html)
* **Services for Students with Disabilities:**[www.edcc.edu/ssd (Links to an external site.)](http://www.edcc.edu/ssd/default.html" \t "_blank)
* **Student Printing Guidelines:**[www.edcc.edu/acs/printing (Links to an external site.)](http://www.edcc.edu/_archive/acs/printing/default.html" \t "_blank)
* **Student Support Resources:**[www.edcc.edu/support (Links to an external site.)](http://www.edcc.edu/support/" \t "_blank)
* **TRIO:**[www.edcc.edu/trio (Links to an external site.)](http://www.edcc.edu/trio/" \t "_blank)
* **Title IX and Gender Discrimination:** [http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html (Links to an external site.)](http://www.edcc.edu/titleix/what-is-titleix/definitions/gender-discrimination.html)

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**Emergency Preparedness**  
• College Closure/Delayed Opening Notification: You can sign up to receive email or text notifications of college closures or delayed openings due to weather or other emergencies at [www.flashalert.net (Links to an external site.)](http://www.flashalert.net/) . In the event of inclement weather or similar event, refer to[http://www.edcc.edu/alert/ (Links to an external site.)](http://www.edcc.edu/alert/)   
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**Important Dates**  
Edmonds CC Academic Calendar: [www.edcc.edu/calendar/academic.html (Links to an external site.)](http://www.edcc.edu/calendar/academic.html)

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**Course Calendar**

Week 1 2016 Spring - Welcome to CIS 246 JavaScript Frameworks  
Chapter 1: Introduction to jQuery  
Discussion: Introduction to jQuery      10 pts  
Introduction to jQuery Quick Quiz       4 pts  
Chapter 2: Getting Started with jQuery  
 Getting Started with jQuery Quick Quiz       3 pts  
Discussion: Getting Started with jQuery     10 pts  
Setting up your development environment for jQuery   10 pts

Week 2 2016 Spring Using Selectors, Filters, and CSS; Working with Events  
 Chapter 3. Using Selectors, Filters, and CSS—jQuery at its Core Objectives  
  Using Selectors, Filters, and CSS—jQuery at its Core Quick Quiz  2 pts  
  Discussion: Using Selectors, Filters, and CSS—jQuery at its Core 20 pts  
  Week 2 2015 Spring Labs      10 pts  
  Using Selectors, Filters, and CSS—jQuery at its Core Quick Assignment 10 pts

Week 3 2016 Spring Working with Events  
 Chapter 4: Working with Events Objectives  
  Working with Events Quick Quiz      5 pts  
  Week 3 Labs        20 pts  
  Working with Events Quick Assignment     20 pts

Week 4 2016 Spring Making Your Site Come Alive  
 Chapter 5: Making Your Web Site Come Alive with Effects Objectives  
  Making Your Site Come Alive Quick Quiz    5 pts  
  Discussion: Making Your Site Come Alive    10 pts  
  Week 4 Labs        20 pts

Week 5 2016 Spring : Improving Navigation - Menus, Tabs, and Accordions  
 Chapter 6: Improving Navigation—Menus, Tabs, and Accordions Objectives  
  Discussion: Improving Navigation - Menus, Tabs, and Accordions 10 pts  
  Week 5 Labs        20 pts

Week 6 2016 Spring : Creating Interactive and Exciting Tables  
 Chapter 7 : Creating Interactive and Exciting Tables Objectives  
  Discussion: Creating Interactive and Exciting Tables   20 pts   
  Week 6 Labs        20 pts

Week 7 2016 Spring : Creating Advanced Forms with jQuery  
 Chapter 8 : Creating Advanced Forms with jQuery Objectives  
  Week 7 Labs        20 pts

Week 8 2016 Spring : Creating Advanced Forms with jQuery Part II  
 Chapter 8 : Creating Advanced Forms with jQuery Objectives Part II  
  Discussion: Creating Advanced Forms with jQuery   15 pts  
  Week 8 Labs        20 pts

Week 9 2016 Spring : Working with Dynamic Data and Ajax Objectives  
 Chapter 9 : Working with Dynamic Data and Ajax Objectives  
  Week 9 Labs        20 pts  
  Week 9 Project        20 pts

Week 10 2016 Spring : Creating and Using jQuery Plug-ins / Developing for the Mobile Web with jQuery  
 Chapter 10 : Creating and Using jQuery Plug-Ins Objectives  
 Chapter 11 : Developing for the Mobile Web with jQuery Objectives  
  Discussion: Developing for Mobile Web jQuery    10 pts  
 Week 10 Project FancyBox Plugin      30 pts

| **Date** | **Details** |
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| Mon Apr 11, 2016 | |  |  | | --- | --- | | [Discussion: Getting Started with jQuery](https://edcc.instructure.com/courses/1278326/assignments/7442204) | due by 11:59pm | | [Getting Started with jQuery Quick Quiz](https://edcc.instructure.com/courses/1278326/assignments/7442197) | due by 11:59pm | | [Introduction to jQuery Quick Quiz](https://edcc.instructure.com/courses/1278326/assignments/7442188) | due by 11:59pm | | [Setting up your development environment for jQuery](https://edcc.instructure.com/courses/1278326/assignments/7442244) | due by 11:59pm | | [Discussion: Introduction to jQuery](https://edcc.instructure.com/courses/1278326/assignments/7442202) | due by 11:59pm | |
| Mon Apr 18, 2016 | |  |  | | --- | --- | | [Discussion: Using Selectors, Filters, and CSS—jQuery at its Core](https://edcc.instructure.com/courses/1278326/assignments/7442206) | due by 11:59pm | | [Using Selectors, Filters, and CSS—jQuery at its Core Quick Assignment](https://edcc.instructure.com/courses/1278326/assignments/7442246) | due by 11:59pm | | [Using Selectors, Filters, and CSS—jQuery at its Core Quick Quiz](https://edcc.instructure.com/courses/1278326/assignments/7442196) | due by 11:59pm | | [Week 2 2015 Spring Labs](https://edcc.instructure.com/courses/1278326/assignments/7442249) | due by 11:59pm | |
| Mon Apr 25, 2016 | |  |  | | --- | --- | | [Week 3 Labs](https://edcc.instructure.com/courses/1278326/assignments/7442250) | due by 11:59pm | | [Working with Events Quick Assignment](https://edcc.instructure.com/courses/1278326/assignments/7442259) | due by 11:59pm | | [Working with Events Quick Quiz](https://edcc.instructure.com/courses/1278326/assignments/7442191) | due by 11:59pm | |
| Mon May 2, 2016 | |  |  | | --- | --- | | [Discussion: Making Your Site Come Alive](https://edcc.instructure.com/courses/1278326/assignments/7442208) | due by 11:59pm | | [Making Your Site Come Alive Quick Quiz](https://edcc.instructure.com/courses/1278326/assignments/7442193) | due by 11:59pm | | [Week 4 Labs](https://edcc.instructure.com/courses/1278326/assignments/7442251) | due by 11:59pm | |
| Mon May 9, 2016 | |  |  | | --- | --- | | [Discussion: Improving Navigation - Menus, Tabs, and Accordions](https://edcc.instructure.com/courses/1278326/assignments/7442210) | due by 11:59pm | | [Week 5 Labs](https://edcc.instructure.com/courses/1278326/assignments/7442252) | due by 11:59pm | |
| Mon May 16, 2016 | |  |  | | --- | --- | | [Week 6 Labs](https://edcc.instructure.com/courses/1278326/assignments/7442253) | due by 11:59pm | | [Discussion: Creating Interactive and Exciting Tables](https://edcc.instructure.com/courses/1278326/assignments/7442212) | due by 11:59pm | |
| Mon May 23, 2016 | |  |  | | --- | --- | | [Week 7 Labs](https://edcc.instructure.com/courses/1278326/assignments/7442254) | due by 11:59pm | |
| Tue May 31, 2016 | |  |  | | --- | --- | | [Discussion: Creating Advanced Forms with jQuery](https://edcc.instructure.com/courses/1278326/assignments/7442214) | due by 11:59pm | | [Week 8 Labs](https://edcc.instructure.com/courses/1278326/assignments/7442255) | due by 11:59pm | |
| Mon Jun 6, 2016 | |  |  | | --- | --- | | [Week 9 Labs](https://edcc.instructure.com/courses/1278326/assignments/7442256) | due by 11:59pm | | [Week 9 Project](https://edcc.instructure.com/courses/1278326/assignments/7442257) | due by 11:59pm | |
| Mon Jun 13, 2016 | |  |  | | --- | --- | | [Discussion: Developing for Mobile Web jQuery](https://edcc.instructure.com/courses/1278326/assignments/7442224) | due by 11:59pm | |
| Wed Jun 15, 2016 | |  |  | | --- | --- | | [Week 10 Project FancyBox Plugin](https://edcc.instructure.com/courses/1278326/assignments/7442248) | due by 11:59pm | |

June 2016

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| 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| 26 | 27 | 28 | 29 | 30 | 1 | 2 |
| 3 | 4 | 5 | 6 | 7 | 8 | 9 |

Course assignments are not weighted.