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**Syllabus - WEB 215 Spring 2014**

Syllabus in handy-dandy web format

**WEB 215-85 – Advanced Web Markup & Scripting - Spring 2014 Syllabus**

**Course Information**

**Semester/Year**: Spring 2014

**Course Number/Section(s)**: WEB 215-85

**Course Name:** Advanced Web Markup & Scripting

**Meeting Days/Times:** N/A. For those who are interested we will have in-person meetings (optional) on campus.

**Pre and Co-requisites:**If you are registered for this class, you have met prerequisite or co-requisites

You can look these up by searching for the course ID in our online catalog: <http://www.cpcc.edu/attending/catalog>

**Credit Hours:** 3

**Contact Hours:** 4 (2 lecture, 2 lab)

**Textbook:** *JProfessional JavaScript for Web Developers   
                                      by Zakas, Wrox Press*

**Last Withdrawal Date**: See “Important Dates” within the online course

**Final Exam**: N/A

**Instructor Information**

**Instructor**: D.I. von Briesen

**E-mail:**di.vonbriesen@cpcc.edu

**Telephone:**(704) 330-6572 (this number will ring my mobile if I’m not in the office)

**Office Location:**LT-5106 (Central Campus, Levine Building)

**Office Hours: see note below.**

**Please note:** The instructor’s office hours can be found on the CPCC E-Directory [http//appserver.cpcc.edu/edirectory/default.asp](http://appserver.cpcc.edu/edirectory/default.asp).

**Course Description**

This course covers advanced programming skills required to design Internet applications. Emphasis is placed on programming techniques required to support Internet applications. Upon completion, students should be able to design, code, debug, and document Internet-based programming solutions to various real-world problems using an appropriate programming language.

**Communication**

Primary communication in these classes should be thru Moodle. For public conversations, please use the classroom discussion forum (may also be called “Classroom Discussion” or “Class Questions and Discussions”. For private message you may use the built-in messaging feature within Moodle (clicking the envelope next to your instructor’s name. This email will sit in Moodle and also be forwarded to the instructor’s email. All correspondence not about a class should be by regular email. Moodle will send out emails from the course to your CPCC student email. If you find you are getting too many class emails, setup a filter in Gmail to handle those emails you are not interested in, and/or setup your forum subscription preferences within Moodle.

Please include course section, number and specific subject in any correspondence, and follow general netiquette guidelines.

There is an old adage: “poor planning on your part does not constitute an emergency on my part.” I will work to be responsive, if you work to be responsible. You are welcome to call my cell, but if you expect a response, you need to leave a message, and if you text, I need to know who you are, and what class you are in. If you do not receive a response in a reasonable time, please try again. I’m only human, and sometimes messages slip thru the cracks.

**Learning Materials**

Please see notes within your online course resources for specific texts/ISBN Numbers, and book requirements, which may include printed or ebooks, as well as some online services.

**Videos**

This online course uses video as one of the ways to deliver content and instruction. It will be important that all students be able to hear and understand the audio portion of these videos. This will require that students have the necessary equipment - speakers or headphones - as well as the ability to hear. Students who are deaf/hard of hearing will need to contact the [CPCC Office of Disabilities Services](https://docs.google.com/a/cpcc.edu/document/d/1B6pDGkIeC6L7uRkRI87IjqOrTpN42ru5rBhG4d5HKzE/edit#null) to begin the process of having their disability documented. Students should also contact their instructor as they begin this process. Once the paperwork for accommodation is approved by the CPCC Office of Disability Services, the instructor will begin the process to add captions to all the videos to be used in the course.

**Learning Outcomes/Learning Objectives**

If you successfully complete this course, you should be able to:

* Code Javascript in more advanced functionality
* Incorporate multiple embedded and linked JavaScript into webpages
* Validate webpages that include JavaScript
* Used advanced CSS functionality, including CSS Scripting tools
* Debug/troubleshoot JavaScript code
* Use JavaScript to validate form submissions
* Use JavaScript to manipulate the Document Object Model (DOM) and the Browser Object Model (BOM)
* Understand how JavaScript fits into the Web ecosphere
* Program JavaScript on the server with node.js
* Connect node.js to a database and perform basic CRUD operations
* Use a framework for JS, html, and css (i.e. backbone and/or bootstrap)

**Core Competency**

As a Learning College, CPCC has identified four core competencies critical to the success of graduates, either in the workplace or as they continue their education. All graduates are expected to demonstrate proficiency in each of the following competencies that go beyond simple content mastery:

* Communication: the ability to read, write, speak listen, and use nonverbal skills effectively with different audiences.
* Critical Thinking: the ability to think using analysis, synthesis, evaluation, problem solving, judgment, and the creative process.
* Personal Growth & Responsibility: the ability to understand and manage self, to function effectively in social and professional environments and to make reasoned judgments based on an understanding of the diversity of the world community.
* Information Technology & Quantitative Literacy: the ability to locate, understand, evaluate, and synthesize information and data in a technological and data driven society.

This course will address:  This course will address Critical Thinking and Information Technology & Quantitative Literacy.

**Evaluation/Assessment**

To determine the final grade this class will use discussion boards, tests (and/or quizzes), labs (and/or projects) and other assessment tools as determined by the instructor.

**Grading Scale**

A grading scale is listed at the end of this syllabus. Individual grades and grade weights are listed in the Moodle grade book. Grades will not be visible to other students. Most assignments will be graded within two weeks of the due date. Items like quizzes should show grades immediately.

**Assignment Due Dates**

All assignments have a due date specified within the online course shell. There may be an additional “grace” period (as defined below).

Computer and Internet connectivity issues are not acceptable excuses for missing assignments. You are responsible for ensuring  that your computer is functioning and that you have internet access. You are also responsible for having a backup plan for both computer and internet issues. You can always use school labs, but they do have limited hours, so planning is important.

**Late/Grace Period**

Assignments may have a grace period- a time after the due date for which there is no penalty for late work. Typically this grace period will be about three days – see the course shell and specific unit/weekly notes for more information.  This provides you ample time to work on assignments, while still leaving time to address issues with your instructor if you run into trouble

**Attendance**

**What is “attendance”?**

Attendance is defined as actively participating in the class by completing and submitting assignments. Logging into Moodle or attending class and not submitting work, does not define attendance. Students not submitting assignments for **two** consecutive weeks will be considered as **Stopped Attending** the course. **Please note: A stopped attending status will affect a student’s financial aid status and Veteran’s aid.**

**EVA Attendance Policy**

CPCC has adopted an enrollment verification process for 10% reporting that requires students to complete an activity which is recorded in the grade history (or activity log) in order to be officially counted in an online or hybrid course (hybrid is defined as a class that meets 100% online with the exception to in- person testing)

Students who fail to complete the EVA by the deadline cannot continue in the course and will receive a WN (Withdrawn – Never Attended) at the end of the term. Students will not be eligible for a refund. Students receiving financial aid may be required to reimburse tuition and fees.

**In-Person Classes (Hybrid or Flipped)**

Students enrolled in a seated class are expected to attend class one day a week. Additional assignments are completed online. Lab assignments can be completed at a CPCC lab or on a personal computer. Lab hours and lab locations will be announced by the instructor. Students are required to use a CPCC lab if personal computer issues arise.

**Online Classes (100% Online)**

Students enrolled in 100% online classes **are not required** to come to a college campus for classes. The only exception to this policy is personal computer issues that cannot be resolved. Assignments should be completed at a CPCC lab if personal computer issues cannot be resolved. Lab hours and lab locations are linked from within the online course shell.

**Make-up Work**

To protect a student’s privacy, doctor and employer notes are not accepted as reasons for missing assignments.Start assignments early to avoid missing deadlines. **Extra credit** will be available to assist with some missed work.

Exceptions to the above policy: governmental requirements such as military assignments or jury duty (valid documentation must be provided). Family emergencies such as deaths, extended illness, and hospitalizations will be reviewed on a case-by-case basis.

Students at Central Piedmont Community College may take two days of excused absences for religious observances required by their faith each academic year consistent with [North Carolina General Statute 115D-5(u); S.L. 2010-112, s. 2](http://www.ncleg.net/Sessions/2009/Bills/House/PDF/H357v5.pdf). Students must provide a written request to have an excused absence at least **one week** prior to the absence. It is the responsibility of the student to work with the instructor, **in advance of the absence,** to determine how to make up missed work.

**Student Code of Conduct**

Students are expected to abide by the Student Code of Conduct. Detailed information may be found at [www.cpcc.edu/student\_handbook/conduct](http://www.cpcc.edu/student_handbook/conduct)

**Academic Integrity**

Any student who violates the CPCC Code of Student Integrity is subject to academic disciplinary action. Such action may include, but is not limited to, entry of the incident in the records of the Office of Student Development, reduced grades, and dismissal from college classes, programs and activities.

**Penalty for this course:** First incident will result in a 0 grade for the assignment(s) and a letter grade drop for the course. Second incident will result in removal from the class and entry of the incident in the records of the Office of Student Development.

For additional information, please visit

<http://www.cpcc.edu/administration/policies-and-procedures/7-10-student-academic-integrity>

**Special Services Certification**

It is the student’s responsibility to inform the instructor of any documented disabilities. Instructors will provide the necessary accommodations upon the advice of the Office of Services for Students with Disabilities. Documentation should be given to the instructor **during or before the first week** of the semester. Students who may think they have a physical or mental impairment should contact the office of Service for Students with Disabilities. Verification is needed in order to register with the Office of Disability Services. Contact Disability Services to determine what verification is needed. For additional information, please visit [www.cpcc.edu/disabilities](http://www.cpcc.edu/disabilities).

**Withdrawals and Incompletes**

A student who for any reason cannot complete a course must take the responsibility to formally withdraw in order to avoid a failing grade. To receive a W grade, a student must withdraw prior to the 35% date of the class. Refund dates are as follows: 100% refund if a student withdraws prior to the first day of class. A 75% refund if a student withdraws prior to the 10% point of the academic term.

The instructor may also assign a W at the end of the term when circumstances warrant such action. A W will remain on the transcript. A W will not count as credit hours attempted. To receive credit, a student who received a W must re-register and pay for the course in a subsequent term. Withdrawals may affect student financial aid.

While withdrawing from a course is sometimes necessary, your instructor would like an opportunity to meet with you before you withdraw. If you are having academic difficulty, the IT Department provides Lab Assistants (LAs) that will provide tutoring and other assistance. Additionally, CPCC's Academic Learning Center offers free individualized and small group tutoring, computer tutorials, and strategies for improving learning skills.

Withdrawal transactions can be completed online. If you prefer, come in-person during business hours to any [CPCC registration office.](http://www1.cpcc.edu/admissions/contact) Before withdrawing, you should also consider whether this course is a prerequisite for another course; whether the course will be offered again in the future; whether withdrawing will delay your plan to transfer or delay your graduation; whether withdrawing will affect your eligibility for honors designation, your health insurance benefits, or other financial arrangements.

Failure to attend class and/or withdrawal from class may also impact your financial assistance. Financial aid recipients need to refer to the financial aid satisfactory progress policy to determine if schedule adjustments will affect financial aid. For more information see: <http://www.cpcc.edu/financial_aid/fyi/withdrawal>.

I do not give incompletes as a general rule, as college policy states that 90% of the class must be completed, and 90% is already a passing grade in my classes. I am willing to consider extenuating circumstances, but typically will do a grade change after the fact, rather than an incomplete.

**Excessive Is, Fs, and Ws:**

A student will not be allowed to register for a course in which the student has received three I's, F's, and/or W's until receiving permission from the division that offers the course.

**Security**

[Campus security](http://www.cpcc.edu/college-security) is provided for all students on any campus (this includes providing escorts to parking lots). Call college security at **704/30-6911** if you suspect any suspicious activity on campus. For more information on CPCC’s security policy go to:

<http://www.cpcc.edu/college-security>

**Audit Policy**

Students auditing the course must comply with the procedures outlined on the syllabus. An Audit Agreement form must be signed by the instructor during the first week of the semester.

**Total Points Grading Scale**

|  |  |
| --- | --- |
| A = | 100 – 90% |
| B = | 89 – 80% |
| C = | 79 – 70% |
| D = | 69 – 60% |
| F = | 59 – 10% |
| W = | < 10% (note, financial aid may be terminated with a W) |
| Audit | By arrangement, assuming active participation in the class |

**Description of Assignments**

Assignments appear in much more detail within the online course and its associated websites (if any). You should be able to see total points and point breakdowns within the Moodle gradebook. Please address any questions you have about the grading on the class discussion forum. Moodle’s gradebook can be tricky for faculty set up, but once set up, it should be pretty clear.

**Schedule of Work**

Course material will be available prior to the assigned week, and specific dates are outline in the layout of the Moodle course- typically by aligning course work with a unit/module/week with clearly labeled dates.

**Syllabus Updates/Modifications**

This syllabus is subject to change as needed. I’ll announce any significant changes via the course announcements forum.

Last modified: Monday, January 13, 2014, 3:10 AM

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Hide Navigation block

**Navigation**

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  + [[http://moodle.cpcc.edu/theme/image.php/cp_magazine/core/1381765732/i/navigationitem](http://moodle.cpcc.edu/my/)My home](http://moodle.cpcc.edu/my/)
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    - [14SP\_CSC251\_01](http://moodle.cpcc.edu/course/view.php?id=9128)
    - [14SP\_WEB215\_85](http://moodle.cpcc.edu/course/view.php?id=9059)
      * [Participants](http://moodle.cpcc.edu/user/index.php?id=9059)
      * var web215 = "Advanced Markup & Scripting aka ...
      * Module 0: Introductions & Getting Started // 1...
      * Common Activities/Resources
        + [[Forum](http://moodle.cpcc.edu/mod/forum/view.php?id=646002)News & Announcements](http://moodle.cpcc.edu/mod/forum/view.php?id=646002)
        + [[Forum](http://moodle.cpcc.edu/mod/forum/view.php?id=646003)Class Discussion](http://moodle.cpcc.edu/mod/forum/view.php?id=646003)
        + [[Forum](http://moodle.cpcc.edu/mod/forum/view.php?id=646004)Social Forum](http://moodle.cpcc.edu/mod/forum/view.php?id=646004)
        + [[Page](http://moodle.cpcc.edu/mod/page/view.php?id=646005)Syllabus - WEB 215 Spring 2014](http://moodle.cpcc.edu/mod/page/view.php?id=646005)

[Skip Common Content](http://moodle.cpcc.edu/mod/page/view.php?id=646005#sb-2)

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**Common Content**

[News & Announcements](http://moodle.cpcc.edu/mod/forum/view.php?id=646002)   
[Class Discussion](http://moodle.cpcc.edu/mod/forum/view.php?id=646003)  
[Social Forum](http://moodle.cpcc.edu/mod/forum/view.php?id=646004)

[Participants](http://moodle.cpcc.edu/user/index.php?id=9059)

[Gradebook](http://moodle.cpcc.edu/grade/report/index.php?id=9059)

[Resources](http://moodle.cpcc.edu/course/resources.php?id=9059)

[All Forums](http://moodle.cpcc.edu/mod/forum/index.php?id=9059)

[Syllabus](http://moodle.cpcc.edu/mod/page/view.php?id=646005)

[Foundations of Programming:](http://www.lynda.com/JavaScript-tutorials/Foundations-of-Programming-Fundamentals/83603-2.html?srchtrk=index%3a0%0alinktypeid%3a2%0aq%3aintroduction+to+programming%0apage%3a1%0as%3arelevance%0asa%3atrue%0aproducttypeid%3a2)  
[Fundamentals (Lynda.com)](http://www.lynda.com/JavaScript-tutorials/Foundations-of-Programming-Fundamentals/83603-2.html?srchtrk=index%3a0%0alinktypeid%3a2%0aq%3aintroduction+to+programming%0apage%3a1%0as%3arelevance%0asa%3atrue%0aproducttypeid%3a2)

[Codecademy](http://codecademy.com/)

[Codecademy JS](http://www.codecademy.com/tracks/javascript)

[Codecademy Web](http://www.codecademy.com/tracks/web)

[Codecademy JQuery](http://www.codecademy.com/tracks/jquery)

[Codecademy Projects](http://www.codecademy.com/tracks/projects)

[Node: Up & Running](http://chimera.labs.oreilly.com/books/1234000001808/index.html)

[Opera Course](http://dev.opera.com/articles/view/1-introduction-to-the-web-standards-cur/#toc)

[Office Door](http://tinyurl.com/diofficehours/)

[Instructor Site](http://secure.cpcc.edu/webpages/view.asp?edirID=2621)

[WEB115 Lectures](http://lecturecapture.cpcc.edu/Panopto/Pages/Sessions/List.aspx#folderID=%229c3fc62f-a7d0-41b3-9f53-98a957080437%22)

[WEB Recordings](http://lecturecapture.cpcc.edu/Panopto/Pages/Sessions/List.aspx#folderID=%223bfe7e27-724f-4f17-b50c-b12eccdb4ba9%22)

[JS CheatSheet](http://www.cheatography.com/pyro19d/cheat-sheets/javascript/pdf/)

[JSFiddle](http://jsfiddle.net/)

[CodePen](http://codepen.io)

[Lynda.com](https://services.cpcc.edu/lynda)

[w3Schools](http://www.w3schools.com/)

[w3Fools.com](http://w3fools.com/)

"[Best Way to Learn JS](http://net.tutsplus.com/tutorials/javascript-ajax/the-best-way-to-learn-javascript/)"

[CPCC Calendar](http://moodle.cpcc.edu/mod/resource/view.php?id=422848)

[Tutoring Lab](http://www.cpcc.edu/it/tutoring-it-lab)

[Skip Settings](http://moodle.cpcc.edu/mod/page/view.php?id=646005#sb-3)

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**Settings**

* Course administration

My profile settings