

## **Syllabus 2017**

WEB III INTRO TO PHP - Hybrid

CIS 243

Credit(s): 5

Spring 2017

### **Course Description:**

Topics include: Server-side scripting for web pages using PHP. Students will learn fundamentals of PHP scripting including functions, logical structure, and database connectivity used in creating web sites. Prerequisite: CIS 242 with a minimum grade of 2.5 or equivalent experience.

### **Additional Information about the course:**

Using PHP and MySQL, students build database driven websites. Topics include PHP structure, functions, procedures, and database connectivity, and setting up a MySQL database to work with a Web server. While this course uses PHP to teach the ideas of server-side scripting and database connectivity, the theories learned here apply to all server-side Web technologies. Other similar technologies include: ASP, ASP.NET, JSP, Cold Fusion. All of these technologies are valid and useful. Use of these technologies is yours and your employer's preference. Prerequisite: CIS 242 with a minimum grade of 2.5 or equivalent experience.

### **Course Objectives:**

1. Review Internet protocols and the use of Internet protocols on the World Wide Web.
  2. Identify and understand the differences between client-side and server-side scripting.
  3. Use the appropriate script, client-side or server-side, to complete an interactive website.
  4. Use the Document Object Model to interact with a Web page.
  5. Use properties, methods and event handlers associated with the Document Object.
  6. Create and use scripting variables and data types using appropriate naming conventions.
  7. Use arithmetic, comparison and logical operators in a scripting language.
  8. Create procedures and re-usable functions in a scripting language.
  9. Describe how server-side scripting is processed by a Web server and create pages which include server-side scripting.
  10. Use the request object to retrieve information supplied by a Web user to a form.
  11. Create an interactive website using a database.
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**Course meeting information:**

Location: Snohomish 124

Office Hours: Alderwood Hall 235A, 1-4pm MW

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

Days and time: On-ground Sessions: Wednesday 6:00 p.m. to 8:40 p.m.

Hybrid Course

Final Exam / Project Due: Wednesday, June 14, 2017 6:00 p.m.

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**Instructor Information:**

Instructor: Louis HO

Telephone number: 425.640.1308

email: louis.ho@email.edcc.edu

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**Textbook Information:**

Text: PHP 6/MYSQL PROG FOR ABSOLUTE BEGINNER

Authors: HARRIS

Publisher: Thomsom / Course Technology

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

ISBN: 9781598637984

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## 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

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 on the date 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 - 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=48&navoid=13958> under *Student Grades*)

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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

**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 this 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. If it is a call you must answer, please take your call outside of the classroom.

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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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**Canvas Enhanced course:** Successful completion of student responsibilities in this class requires access to Canvas via an Internet browser. You are expected to log in to the Canvas classroom at least 3 times per week. Instructions for access to Canvas may be located online at the following address:

<http://www.edcc.edu/online/support/>

- Toll-free technical support 425.640.1101
  - Online support (24/7) at <https://www.edcc.edu/elearning/>
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## Student Services Information:

[www.edcc.edu/students](http://www.edcc.edu/students)

- Academic Calendar: [www.edcc.edu/calendar/academic.html](http://www.edcc.edu/calendar/academic.html)
  - Advising: [www.edcc.edu/advising](http://www.edcc.edu/advising)
  - Center for Student Engagement and Leadership: [www.edcc.edu/csel](http://www.edcc.edu/csel)
  - College Policies and Procedures: <http://catalog.edcc.edu>
  - Counseling and Resource Center: [www.edcc.edu/counseling](http://www.edcc.edu/counseling)
  - Diversity Student Center: [www.edcc.edu/dsc](http://www.edcc.edu/dsc)
  - eLearning Information: [www.edcc.edu/elearning](http://www.edcc.edu/elearning)
  - Enrollment Services: [www.edcc.edu/es](http://www.edcc.edu/es)
  - Learning Support Center (Tutoring): [www.edcc.edu/lsc](http://www.edcc.edu/lsc)
  - Library, including online resources: [www.edcc.edu/library](http://www.edcc.edu/library)
  - Services for Students with Disabilities: [www.edcc.edu/ssd](http://www.edcc.edu/ssd)
  - Student Printing Guidelines: [www.edcc.edu/acs/printing](http://www.edcc.edu/acs/printing)
  - Student Support Resources: [www.edcc.edu/support](http://www.edcc.edu/support)
  - TRIO: [www.edcc.edu/trio](http://www.edcc.edu/trio)
  - Title IX and Gender Discrimination: <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](http://www.flashalert.net). In the event of inclement weather or similar event, refer to <http://www.edcc.edu/alert/>
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## Important Dates

Edmonds CC Academic Calendar: [www.edcc.edu/calendar/academic.html](http://www.edcc.edu/calendar/academic.html)

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# Course Calendar

Week 1 - 4/5/2017, Exploring the Environment

Chapter 1 Exploring the Environment

Verify A Working Server 10 pts

Chapter 2 Using Variables and Input

Chapter 2 Assignment 10 pts

Week 2 - 4/12/2017, Controlling Your Code with Conditions and Functions

Chapter 3 Controlling Your Code with Conditions and Functions

Chapter 3 Assignment 20 pts

Week 3 - 4/19/2017, Loops, Arrays, and Sessions

Chapter 4 Loops, Arrays, and Sessions

Chapter 4 Assignment 20 pts

Week 4 - 4/26/2017, Better Arrays and String Handling

Chapter 5 Better Arrays and String Handling

Chapter 5 Assignment 20 pts

Week 5 - 5/3/2017, Working with Files

Chapter 6 Working with Files

Chapter 6 Assignment 20 pts

Week 6 - 5/10/2017, Writing Programs with Objects

Chapter 7 Writing Programs with Objects

Chapter 7 Assignment 20 pts

Week 7 - 5/17/2017 XML and Content Management Systems

Chapter 8 XML and Content Management Systems

Chapter 8 Assignment 20 pts

Week 8 - 5/24/2017, Using MySQL to Create Database

Chapter 9 Using MySQL to Create Database

PCDeluxe Website Assignment 20 pts

Week 9 - 5/31/2017, Connecting to Databases within PHP

Chapter 10 Connecting to Databases within PHP

Chapter 10 Assignment 20 pts

Week 10 - 6/7/2017, Data Normalization, Building a Three-Tiered Data Application

Chapter 11 Data Normalization

Chapter 12 Building a Three-Tiered Data Application

Competency Demonstration - Web Development III - PHP and MySQL 100 pts

Week 11: Quiz 1 due 20 pts

Final Exam in-class 100 pts