

**Henry Ford College**  
**CIS-222-70 Web Database Development with PHP**  
**Tue/Thu 5:25PM – 7:15PM**  
**Fall 2019 (22 Aug – 15 Dec 2019)**

**Instructor:**

Chad Banks

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**Office Hours:**

By appointment only

**Optional Text:**

*PHP and MySQL for Dynamic Web Sites*

5<sup>th</sup> Ed (2017) Course Technology

Larry Ullman.

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**Course/Catalog Description:**

An intermediate-level course in which a database-backed web site using PHP and MySQL is developed. Also covers HTML, CSS, PHP, database design, MySQL, Git, JSON, and security.

**Attendance:**

Regular class attendance is necessary for optimal performance in the class, as you are responsible for all material presented in the lecture. **Make-ups will not be given on any quizzes or tests.** If you know that you will be absent from a session and notify me in advance, some accommodations may be made (in advance).

Per federal requirements for financial aid, attendance will be taken each class period.

**Dropping the Class:**

To receive a drop (DR) for the class, the student **must** officially drop the class, simply not showing up for class is not considered an official drop. A grade for the class will be given according to the grading scale in this document if the course is not officially dropped.

The last day to drop this semester is October 23, 2019.

**Academic Integrity:**

Henry Ford College highly values academic honesty and integrity. It is each student's responsibility to be familiar with and comply with the Code of Academic Conduct as described in the Student Handbook. Instances of academic dishonesty to include (but not limited to) cheating, collusion, and plagiarism will not be tolerated with penalties up to and including expulsion from the college.

### Assignments:

Assignments come in two forms, homework and projects, and will account for two thirds of your overall grade. **No assignment will be accepted late**, and all assignments must be turned in via HFC Online by the due date and time (typically by start of class on the date due).

Homework assignments are short reviews of a topic, and can take the form of debugs, program segments, and short answer questions. Students will generally have one class-period to one week to complete homework from the day assigned. Projects are larger evaluations of the material you will be learning. You will be responsible for building databases and websites using the technology, tools, and methods learned in class. Students will typically have three-to-four weeks for each part of the project.

### Testing:

There will be several quizzes given throughout the semester that will total 100 points. All will be announced in advance and will cover, briefly, one specific topic. The total value of all quizzes will result be added and treated as one exam.

In addition to the quizzes, 2 exams will be given during this course: a midterm and a cumulative final exam. A review session will happen prior to each exam to ensure that all students know what to expect.

At the end of the semester, the best two test scores (from among the combined quizzes, the midterm, and the final exam) will contribute to your final grade. Because the lowest one will be dropped, **absolutely no make-ups will be given on quizzes or exams**.

### Grading:

Testing (200) *one below is dropped*

Quizzes	(100)	92% - 100%	A (552 – 600)
Midterm	(100)	84% - 91%	B (504 – 551)
Final	(100)	76% - 83%	C (456 – 503)
Assignments (400)		68% - 75%	D (408 – 455)
Projects (in 2 parts)	(300)	Below 68%	E (0 – 407)
Homework	(100)		

### Class Conduct:

Being a distraction for other students will not be tolerated. As such, all cellphones must be muted or turned off and conversations that are not participatory in the class must be curtailed. Students will receive only one warning in a given class session before they will be asked to leave. Students that are asked to leave the class repeatedly will no longer be allowed to attend class. Be courteous to one another, and there should be no problems.

### Important Note for Students:

The goal is for you to learn about and become comfortable with this material. To ensure this, there is a wide array of resources available to you such as lab aides, tutors, and etc. Also remember that the lab fees of taking a CIS course allow free access to the T-194 Lab provided you have your student ID. Due to the nature of this course, you should expect to spend 2-3 hours after each class session in the lab if you do not have access to a computer outside of the home. Do not hesitate to contact me if needed, I can assure you that every effort will be made to ensure that you succeed in this course.

## Tentative Schedule:

Week	Date	Chapters/ Topics	Notes
1	22/ Aug	Course Introduction	Introduction, Syllabus Review, HFC Online, Software Setup
2	27/ Aug 29/ Aug	Environment Setup && Review Ch. 1 – Introduction to PHP	HFC Online, Software Setup continued
3	3/ Sep 5/ Sep	Ch. 2 – Programming with PHP	Quiz 1
4	10/ Sep 12/ Sep	Ch. 3 – Creating dynamic websites	Quiz 2
5	17/ Sep 19/ Sep	Ch. 4 – Introduction to MySQL Ch. 5 – Introduction to SQL	
6	24/ Sep 26/ Sep	Ch. 6 – Database design	Quiz 3
7	1/ Oct 3/ Oct	Ch. 9 – Using PHP and MySQL	Quiz 4
8	8/ Oct 10/ Oct	Midterm Review <b>Midterm</b>	Project part one due!
9	15/ Oct 17/ Oct	Ch. 8 – Error handling and debugging	
10	22/ Oct 24/ Oct	Ch. 10 – Common Programming techniques	Quiz 5
11	29/ Oct 31/ Oct	Ch. 11 – Web application development	Quiz 6
12	5/ Nov 7/ Nov	Ch. 12 – Cookies and sessions	Quiz 7
13	12/ Nov 14/ Nov	Ch. 13 – Security methods Ch. 14 – Perl-compatible regular expressions?	Quiz 8. Chapter 14 will likely be skipped.
14	19/ Nov 21/ Nov	Ch. 16 – An OOP primer Ch. 15 – Introducing jQuery?	Quiz 9. Chapter 15 will likely be skipped.
15	26/ Nov 28/ Nov	Ch. 17 – Example message board Closed for Thanksgiving	
16	3/ Dec 5/ Dec	Ch. 19 – Example e-commerce	Quiz 10
F	10/ Dec	<b>Final Examination Week</b>	Final project due!