

CPS276 Syllabus

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Class Meeting Times:

Please see the schedule for class meeting dates and times.

Course Structure

This is a 4-credit mixed mode course. Whereas 2 of the credit hours are online while the other 2 are in the classroom. This course is designed using the “flip the classroom” module. Whereas students pre-read and prepare for the upcoming lecture.

To be successful, it is important that you do the required online work. You are expected to read the assignments before the start of the next class, so you have a general understanding of what will be discussed. As you are doing your reading, I would recommend you write down questions for the next class. During class time I will hit the highlights and answer questions then we will start that week’s assignment.

The goal of this structure is to make the class time shorter, more focused and less lecture.

In addition to the reading and class time you may still have homework time which will be used to get the assignment done. Please expect to spend 12 to 15 hours on homework assignments. If you do not have the time to dedicate to homework assignments, then take this class when your schedule is better.

Course Objectives

When you finish this course you will be able to:

- Develop basic HTML elements (input, text boxes and forms
- Identify appropriate use of PHP programming basics.
- Develop database SQL code in MySQL (select, input, update and delete).
- Identify relational database design and MySQL database server fundamentals.
- Identify appropriate techniques for accessing MySQL from the PHP programming language.
- Demonstrate sound software engineering techniques in developing a working web database driven application which is robust and maintainable.

Communication

Email Communication

- Please send emails from your WCC account to be in compliance with [federal privacy regulations](#).
- Provide a clear subject line including the course and number CPS276.
- Always include your first and last name in the email message.
- Make sure you question in direct. If you need me to look at your code make sure your code is on your GitHub account and provide me a link to where it is located.

Expectations and Availability of Instructor

I will usually respond to email messages within 24 hours. You should make a habit of checking your WCC email on a regular basis. Also, when sending an email make sure you are allowing enough time for me to answer. Sending emails about a homework assignment the day before it is due is not a good idea.

Emails asking for extensions on assignments or quizzes will go unanswered because the answer is no. Please see the extra credit section later in this document for how you can get extra credit points that will help circumvent loss of points for missed assignments.

Asking Questions

When asking questions via email please make sure you include in the subject line the class you are in. Also make sure your question is direct and, if it requires me to look at your code make sure your code is on your GitHub account, provide me a link to your code, and provide a comment in your code where your question is related to.

Also, I will answer one or maybe two questions at a time. Don't email me with a list of issues. It is your job to work through these things. I don't mind helping guide you when you are stuck, but that is different than code by instructor, where I am asked a litany of questions.

Academic Advising

Full time faculty in the CPS department can advise regarding CPS-specific classes. You can also refer to our technical Counselor: Sandro Tuccinardi, (734) 973-3398.

Academic Dishonesty

All forms of academic dishonesty including but not limited to collusion, fabrication, cheating, and plagiarism will result in immediate failure of this course.

Collusion is defined as the unauthorized collaboration with any other person in preparing work offered for individual credit.

Fabrication is defined as intentionally falsifying or inventing any information or citation on any academic exercise.

Cheating is defined as intentionally using or attempting to use unauthorized materials, information, or study aids in any academic exercise.

Plagiarism is defined as the appropriation of any other person's work and the unacknowledged incorporation of that work in one's own work offered for credit.

Attempting to take quizzes and tests outside of class (unless permission has been given) is considered cheating.

Changing homework assignments after they are due is considered cheating.

If students want to go over a homework solution after it has been graded please come see me during my office hours.

If a student is taking this class over and attempts to use a previous semester's work as their own current work is considered cheating.

Attendance

This course is a blended course meaning two hours of class time is spent online and two hours is spent in the classroom (instead of four hours in the classroom). You are required to show up for class. If you choose not to show up for class than the information you missed is on you. This is not intended to be an "online" class and it is not written that way.

If attendance becomes a problem from a class perspective, I reserve the right to create an attendance policy that will involve penalties for not attending.

Leaving Class Early

You are required to attend class from 6pm to 7:55pm. There are times in class where I will assign work for students to do when the lecture portion is over. It is required that you do what is asked. Leaving class before the instructor ends class at 7:55pm (whichever is earlier) will result in losing 50 points from your total grade per incident.

Pre-reading and Doing the Examples

You will not learn by just reading or by just listening to me, you must look at the examples provided in the book. This class module is reflective of what is called the “flipping the classroom” model. In this model students will pre-read and do the examples for the next class, then in the next class we will go over the highlights and discuss what we learned, any time left will be to work on next week’s assignment.

The students who do the examples from the book and go through the code to understand it seem to have an easier time with the assignments.

Weekly Quizzes

Every week you will have to complete a quiz on the materials you were required to read before class starts the following week (see schedule). The purpose of the quiz is to ensure reading of the material. The quizzes are open book and open note.

Weekly Needs for Class

You should take a computer with you to class if you have one. You should bring a zip drive so you can take projects you start/create with you if you don’t have a computer.

Grading Assignments

All Assignments will be graded on a specific rubric for each Assignment. That rubric will be in Canvas under the Assignment name. **Assignments must be working I will not accept a bunch of code that does not work.** Also, submission instructions must be followed exactly failure to do so will result in a zero for that assignment.

Assignment submission instructions will be provided for each Assignment. Please follow the submission instructions exactly to get full credit for the Assignment.

After the due date, assignments are not to be changed until after the assignment has been graded.

There are no make-ups, extensions, or redoes for assignments and/or quizzes no exceptions.

The number one reason why students do poorly on assignments or don't get them submitted on time is because they waited until the last minute to it.

Assignment Due Dates

Please see schedule for due dates.

Late Assignments Quizzes and Extensions

As stated late assignments and quizzes are **not accepted, no exceptions**. Also, **assignments and/or quizzes will not be extended**. It is very important that instructions are followed exactly, this includes submission instructions. The following actions will result in a zero for the assignment:

- Forgetting to submit an assignment, regardless of whether you did it.
- Not being able to submit an assignment because Canvas timed out. Even if it is a minute late.
- Submitting the wrong assignment.
- Forgetting or not submitting what is required for the submission.
- Submitting the wrong links to GitHub
- Submitting assignments in the comment area that are past due even if it is just one minute.
- Emailing me assignments that are late even if it was just one minute.

Extra Credit and Dropping lowest Assignment and Quiz

At the end of the semester, I offer an optional final exam that is worth up to 50 points. The optional exam is an open book and whatever points you get on it are all extra

credit. The lowest assignment and quiz is dropped (**final project, setting up a GitHub account assignment, and setting up russet-v8 are not part of the lowest grade dropped for assignments**). I do this so that if students miss one assignment or quiz they will not be negatively impacted.

Collaborate Learning

I allow students to collaborate on homework assignments in and outside of class. There is a clear difference between collaboration (helping each other) and copying (just copy what someone else did). If I see signs that collaboration is turning into copying, then I will terminate collaborative learning. Also, the offending student(s) will face zeros or failure of the course on the assignments they copied.

Using Artificial Intelligence

I allow the use of artificial intelligence to complete your assignments if you want to use it. You will find that AI is a helpful tool but will not do it all for you. Also, **I will not help** with AI generated code, if you use it, you figure it out. I will help with assignments that are based upon the code examples used in the book.

Grading Feedback

If an assignment is graded at 100%, I normally do not provide feedback. The rubrics are detailed and give a good indication of what was found not to be correct. If you have questions about your assignment (post grading) please feel free to come see me during my office hours.

Grading Questions

All questions about grades must be addressed within 7 days or by the last day of class (whichever is less) of the return of the Assignment. After that period, no grades will be reconsidered. Your grades are posted in Canvas and it is your responsibility to check your grades regularly.

Audits and Withdraws

Instructors can no longer grant audits or withdrawals. If a student wants to audit or withdraw, they can within the timelines permitted by the college.

Additional Downloads:

Please download and install a text editor and SFTP program of your choice. I recommend one that automatically puts files on the server upon save. I have provided videos on how to set up VSCode. You do not have to use VSCode but I highly recommend you use an editor that will automatically upload your files to a server or work directly on the server.

I will only support questions on VSCode.

Students should also have a USB flash drive for backing up their files.