

CPS276 Syllabus

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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.

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 assignment done. Please expect to spend 12 to 15 hours on homework assignments. If you do not have the time to dedicate to the homework assignments, they take this class when your schedule is better.

Course Objectives

When you finish with 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 is 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 or 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.

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.

To ensure that students are doing the work they must (prior to the start of class) complete a short quiz in that week's learning module. You may also have an Assignment to do as per the schedule.

Grading of Assignments

All Assignments will be graded on a specific rubric for each Assignment. That rubric will be in Blackboard under the Assignment name.

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 on the server and the GitHub page are not to be changed until after the assignment has been graded.

Determining Your Grade

Below is a breakdown of all points you can gain in this class.

Assignment/Summaries	Points Per Assignment/Summary	Total
GitHub Account/Russet-v8 test	20 x 2	40
Reading Quizzes	10 x 11	110
Assignments	100 x 8	800
Optional Assignment	100 x 1 (up to 100 pts extra	100
Final Assignment	200 x 1	200
Optional Final Exam	50 (up to 50 pts extra credit)	50
Max Required Total Points		1150
Total Optional Points		150

Assignment Due Dates

Please see schedule for due dates.

Late Assignments

Late assignments are **not accepted no exceptions** please see extra credit section.

Extra Credit

The first 100 point assignment I assign will be 100% extra credit worth up to 100 points. Whatever points you get on the extra credit assignment will be extra credit. At the end of the semester, I offer an optional final exam, that is worth up to 50 points. The optional exam is open book and whatever points you get on it are all extra credit. This is a chance for students to earn up to 150 extra credit points that could help their final grade. Because there are no makeups for missed assignments this is an alternative. As stated, I do not grant extensions on assignments regardless of the situation. **I strongly advise that all students do the first optional extra credit assignment, so they have some points built up in case something happens later in the semester.**

Collaborate Learning

I will 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, this is considered cheating and the offending student may be fail the class (see cheating above).

Grading Feedback

If an assignment is graded at 100%, I normally do not provide feedback. If I see some major or minor issues, I will provide small feedback on that. Some of these assignments are complex and Blackboard is not the correct place to address multiple problems. If you have questions about your assignment (post grading) it is best to talk to me face to face, or virtually if need be.

Questions About Grading

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 Blackboard and it is your responsibility to check your grades regularly.

Audits and Withdraws

I don't not grant audits or withdraws. If a student wants to audit or withdraw, they can within the timelines permitted by the college. Other than that, I do not give audits or withdraws.

CPS276 Example Files:

All code examples can be found in my GitHub page:

https://github.com/sshaper/cps276_examples

Working versions of the code examples found in GitHub are located at the following URL:

https://russet-v8.wccnet.edu/~sshaper/cps276_examples/

Additional Information

In addition, please review the material within the *Washtenaw Community College Student Policies and Support Information* for additional policies and procedures that affect you and your course. Find this information under the Syllabus and Schedule/Calendar area of this course site.

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.