

Syllabus

CS2623 TX01S

Spring 2019

Instructor Information:

Name: Christopher B Hyde

Phone: 405-685-3776 (ext 3037)

For all class correspondence, please use the email feature in Moodle.
If Moodle is down, then you could email me at

Email: Christopher.b.hyde@occc.edu

Office Location: Room [320(B) – Adjunct Office], Library Building

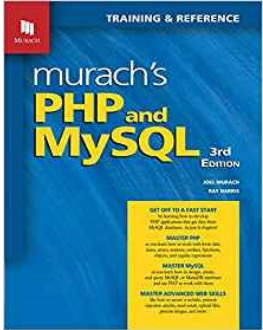
Office Hours:

WEDNESDAY	8:30-9:30 P.M.
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Class Information:

Class Sections: [To replace the placeholder text on this page, just select a line of text and start typing.]

Text:

	<ul style="list-style-type: none">• Murach's PHP and MySQL<ul style="list-style-type: none">○ ISBN-13: 978-1943872381○ ISBN-10: 1943872384• Electronic Edition:<ul style="list-style-type: none">○ https://www.murach.com/shop/murach-s-php-and-mysql-3rd-edition-detail
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Materials:

- Windows 8 or later, Mac OS X, Linux (No campus or instructor support for Mac OS X+ and Linux)
- FireFox 43+ (free download)
<http://www.mozilla.org/en-US/firefox/new/>
- Google Chrome 47+ (free download)
<https://www.google.com/intl/en/chrome/browser/>
- Internet Explorer 11+ (free download)
<http://windows.microsoft.com/en-us/internet-explorer/download-ie>
- Microsoft Edge (Windows 10)
<http://www.microsoft.com/en-us/windows/microsoft-edge>
- Safari 7+
<http://www.apple.com/safari/>

- Adobe Acrobat Reader 11+ (free download)
<http://get.adobe.com/reader/>
- PowerPoint 2013 or PowerPoint Viewer (viewer is free download)
<http://www.microsoft.com/en-us/download/details.aspx?id=13>
- Filezilla (free FTP Program)
<http://filezilla-project.org/download.php?type=client>
- HTML Editor
 - Komodo Edit (free - Windows/Mac
<http://komodoide.com/komodo-edit/>)
 - Notepad++ (free - Windows)
<http://notepad-plus-plus.org/>
 - Or one of your choosing
- Web Developer Tool Bar (one of the following)
 - FireFox or Chrome
<http://chrispederick.com/work/web-developer/>
 - Internet Explorer
<http://www.microsoft.com/en-us/download/details.aspx?id=18359>
- Opera Mobile Emulator
<http://www.opera.com/developer/mobile-emulator>

System Requirements

- [To replace the placeholder text on this page, just select a line of text and start typing. Include the objectives as a bulleted list]

College Resources:

(Note : The campus is closed on Sundays)

College Website: <http://www.occc.edu/>

Student Handbook: <http://www.occc.edu/handbook/index.html>

Student Computer Center: <http://occc.edu/bit/scc.html>

Library: Room 322 **(Valid Student ID required)**

Testing Center:

<http://www.occc.edu/testing/index.html> (*Valid Student ID required*) Note : Must be in Test Center at least one hour before closing.

Online Student Resources:

<http://www.occc.edu/onlineresources/index.html>

Student Support Services

Check out what services are available and contact Student Services at 405-682-7520

<http://occc.edu/support/index.html>

Course Description:

Students will create interactive and dynamic web applications using server-side programming. A combination of current scripting/programming languages and web page authoring software will be used for topics such as maintaining state, processing data from the user, creating cookies, and interacting with databases.

Course Competencies:

Students who successfully complete the course will be able to create programs to solve business and personal computing problems.

This would include being able to:

- Students who successfully complete the course will be able to
- Use PHP with well-formed web pages
- Create web pages that validate Strict
- Incorporate CSS that validates
- Install and configure a web server, PHP and MySQL using WAMP, MAMP, or LAMP

- Understand variable and data types and the operations that can be performed on them
- Utilize functions and control structures
- Manipulate strings
- Access files and directories
- Manipulate data in arrays
- Combine PHP with MySQL to manipulate databases
- Save state information
- Debug web page
- Include object-oriented programming techniques.
- Understand the importance deadlines and timeliness by submitting assignments by the due date.

Course Objectives:

Students will be able to create dynamic web pages with PHP and MySQL

Assessment of Student Learning

Oklahoma City Community College is committed to providing quality educational experiences to all students and to strive for continuous improvement in its programs and services. Student learning assessment is vital to the educational process and can be of significant value to you and to the students who follow you as well as contribute to their education success.

To ensure that adequate assessment information is available to allow OCCC to continuously improve programs and services, students may be asked to participate in personal interviews; take program and/or general education assessments, which could be to take tests; give oral presentations, write assignments, take surveys, or engage in other activities. You may be asked to complete the assessments, tests, and other activities during a designated time, which may include class periods in a semester. These opportunities are your chance to help OCCC improve the courses, programs, and services which could affect you and will certainly impact students in the future.

Class Requirements

The on-campus class will be taught in a computer-equipped classroom. Online students are recommended to complete the work for each week as laid out in Moodle. Class material will be presented on-line. It is the student's responsibility to check for new assignments, class announcements, due dates, etc. Completed work will be submitted on-line through MOODLE. Both campus and online students can have access to the Student Computer Center. It is the student's responsibility to arrange his/her schedule for completion of assignments. It is of utmost importance that students stay current and turn all work in on time.

Learning Support

Student success is a high priority in the BIT Division. In case the instructor feels that a student might benefit more with personalized learning, student names may be referred to Student support Services. More details can be found at <http://www.occc.edu/catalog/2018-2019/regulatory/services-for-students/learning-support.html>

Class Policies

(All classes)

- The information on Moodle is meant for use only by students currently enrolled. Students may NOT give access to their accounts to individuals outside of this class. Failure to abide by this additional requirement could result in loss of your Moodle account, failure in the class, or other appropriate action.
- Students must abide by the College's [Information Technology Resources Acceptable Use Policy](#).
- All emails and voicemails will be answered within 48 hours unless it's the weekend or a holiday.

(On Campus classes)

- In respect for the instructor and fellow students, cell phones, pagers, etc. are to be turned off or placed on vibrate during the class. If there is an emergency requiring availability via a cell phone/pager, please let the instructor know at the beginning of that class period.
- Students may NOT surf the net, check email, text or engage in similar activities during class time. Not only does it affect the person doing it, but it is a potential distraction to others in the class.

(Course Requirements)

- Online students can have access to the Student Computer Center including the assistants if needed.
- Assignments are to be completed as outlined in the Due Dates/Calendar area.
- It is of utmost importance that students stay current and turn all work in on time

(Due Dates)

- Assignments are due at the times posted on the Assignments and Due Dates page in Moodle.
- Online submissions are due at 11:45pm unless otherwise stated.
- Late submissions (through final deadline) are subject to 10% penalty.
- Final deadlines are just that, FINAL.
- There is only one due date for formal tests. The Late Submission policy does not apply to formal tests.

Email Address Request

The college provides students with an email account. For more information <http://www.occc.edu/email/>.

Grading Criteria and Procedures

This is the tentative grading scheme. They may be changed at the discretion of the instructor.

Tests	4	400 Points
Assignments	5	500 Points
Quizzes	10	100 Points
Collaboration		100 Points
	Total	1,000 Points

A (4.0 Grade Point)

The sum of the test and assignment scores must be 90% or better of the total possible points

B (3.0 Grade Point)

The sum of the test and assignment scores must be 80% or better of the total possible points

C (2.0 Grade Point)

The sum of the test and assignment scores must be between 70% and 79% of the total possible points

D (1.0 Grade Point)

The sum of the test and assignment scores must be between 60% and 69% of the total possible points.

This grade level does not satisfy Computer Science course prerequisites.

F (0.0 Grade Point)

The sum of the test and assignment scores is below 60% of total possible points

Tests

- All testing (except for weekly quizzes if applicable) for Online students will be scheduled on campus in the Student Computer Center on the 3rd floor of the OCCC Library where a valid OCCC student ID is required; tests must be started no later than one hour before the center closes.
- Students in on-campus sections will take tests in class

- Retesting to improve an exam score is not allowed.
- Students may not use headsets, phones or any electronic devices other than the testing computer during exams.
- Students must take the test in one sitting, no leaving and coming back later.
- Students may not converse/communicate with others during the test. Doing so will result in the test being submitted immediately even if students have not completed the test.
- Students must take tests at designated times.
- Students unable to take a test at the designated time must make arrangements with the professor before the designated date/s. Only under very extreme circumstances will students be allowed to schedule outside of the designated times.
- Not having access to the Internet is not an excuse for failure to contact a professor. The school's phone number is 682-1611 then ask for your professor by name.

Issuance of Grades

Grades will be posted in MOODLE at <http://online.occc.edu/>. Check the grades area after each assignment has been graded. Students have one week after the grades have been posted to challenge a grade. Failure to request the review in a timely manner or to provide requested information will result in the grade remaining as originally posted. It is highly recommended that all graded assignments (for all classes) be saved until after the final grade has been posted.

Assistance with Assignments:

In addition to my being available during office hours and via email, the Student Computer Center staff and tutors are also available for assistance. While some of the best learning takes place when we solve problems ourselves, please do not wait until it is too late. Ask for help when you need it. They will be happy to explain concepts and procedures. A list of the full-time staff can be found at the following URL. There are also other tutors and supplemental instructors available depending on the semester. Check with the Student Computer Center for details. Information can be accessed at: <http://occc.edu/bit/scc.html>

Due Dates:

All assignments are due by the posted due date. Due dates will be posted as and when the assignments are assigned. If there are extenuating circumstances, each situation will be reviewed on an individual basis only if requested by the student. Programs that will not run, that produce incorrect results, are partially completed, or not running according to the assignment specifications will be eligible for a maximum of 50% credit. Programs that are submitted late or as resubmits will be eligible for a maximum of 90% credit.

Be sure to check the Assignment Drop Box on Moodle for due date information. The time on OCCC's server will be the "official time". If your computer's clock varies from the server, the server's clock will be the controlling factor. When the due date and time arrives, the server will no longer accept submissions. (All programs must be uploaded and submitted. I will not have access to Assignments which have been uploaded, but not submitted)

Late Work

- Students, at times, may be allowed to submit late work or resubmit an assignment after the initial due date. Again, this does not apply to formal tests. There is no late date for tests.
- There will be a 10% penalty of the total possible points.
- Once the final due date has passed, work can no longer be accepted for credit: no full credit, no partial credit.
- Various course submission areas are not disabled after the final deadline. Therefore, even if an assignment can physically be submitted after the final due date, it will not be graded and is not eligible for credit.

Testing Dates:

If you are unable to take a test or a quiz at the designated time, you must make arrangements with the instructor. This must be done **before** the posted test deadline. Only under very extreme circumstances will a student be allowed

to schedule a makeup test. Retesting to improve an exam score will not be allowed. Test may be a combination of theory and performance. Specifics will be announced prior to each test. Usually the theory will be multiple choice, true/false, or short answer. Performance tests will consist of writing program code.

Academic Dishonesty

Anyone caught cheating on a test or an assignment will **automatically receive a zero**. It does not matter whether you are **giving or receiving** the information. Either way, your grade is zero. A second occurrence of academic dishonesty will result in **failure in this course**.

Students of Oklahoma City Community College are expected to meet the highest ethical standards in their academic pursuits. Faculty and staff share in this responsibility with students to maintain academic integrity. Incidents of academic dishonesty will be dealt with seriously, as prescribed by College policy 4016. Academic misconduct is defined as any act that improperly affects the evaluation of a student's academic performance or achievement. All students are responsible for submitting their own work for evaluation by the instructor. It is recommended that all students review this policy. All incidents of academic dishonesty shall be reported to the Division Dean and Vice President for academic affairs.

Students are encouraged to discuss concepts and share ideas with fellow students. However, each student **MUST** create his/her own assignment. **All work must be original and may NOT be copied from any source**. Any evidence of shared or copied work will be considered plagiarism and will be treated as cheating.

Attendance

On Campus

Students need to attend class regularly to achieve an acceptable level of competence. **Students who miss more than 25% of the class will not be able to satisfactorily complete the course and will receive a grade of 'F'**. If you miss class, it is your responsibility to get the notes and assignments from the day you missed. You will be expected to hand in any assignment given during your absence, on the regular due date.

Online

Students are expected to login at least once a week to keep up with the lessons, quizzes and assignments. *It is recommended that students spend at least 4 - 6 hours a week for this course*. Students who have not logged in at least once for 25% or more of the weeks will receive a final grade of 'F'.

On Campus and Online

Requests for an exception must be made in writing to the instructor stating the conditions surrounding the reason for the request. Only under extenuating circumstances (for example, extended hospitalization or death in the family) will the instructor consider granting the request.

Audit

Students who audit the course are expected to participate in the course the same as credit seeking students. This includes attending class and submitting assignments. (Audit students may not take the tests.)

Never Attended - Non-Attendance

Students who do not attend the course(s) for which they are enrolled will be reported by the individual faculty member as never attended (NA), and the student will subsequently be administratively withdrawn from the course(s). Students who enroll, but do not attend will be responsible for the full amount of the tuition and fees owed.

Faculty members are required to submit a report of the students who have never attended their class by the posted due date for the add and drop period of the class(s) term.

Never attended is defined as follows:

- online class: having not engaged in course assignments (engagement examples: completed a discussion post or other type of assignment; or discussions or emails between student and instructor specific to course content);
- On-campus class: having not had a physical presence in the classroom.
Students, regardless of whether or not they have made any payment or been approved for financial aid, will be administratively withdrawn from their course(s), but no reduction in charges will occur. Those approved for financial aid will not be awarded that aid if marked as never attended.

Students will have 90 days from the end of the term to appeal for a late administrative withdraw and/or a reduction/elimination of charges. The appeal process will be administered on one form (there are two separate processes through Bursar and Registrar) and managed by the Director of the Bursar Office and the Registrar or their designees.

Additionally, if a student does not begin attending any of their courses during the add/drop period, their pending financial aid disbursements will be cancelled. Funds disbursed prior to the start of the semester will be returned in full to financial aid programs and the student is responsible for reimbursing Oklahoma City Community College.

Withdrawal

The responsibility for withdrawal is yours. If you do not plan on finishing the course, you must withdraw yourself from the course. A student choosing to withdraw from a class must officially withdraw from a class by submitting a drop form in the Office of Records and Graduation Services, or by dropping the class on MineOnline. Withdrawals don't count toward your GPA. However, withdrawals may negatively impact your eligibility for federal student financial assistance. You must withdraw before the beginning of the fourth quarter of a semester (i.e., through the 12th week of a 16-week semester or the sixth week of an eight-week semester). Students who do not take the initiative to officially withdraw from a class may be given the grade of "F" and will be responsible for full payment of tuition and fees for the class. If you have questions regarding this notice, please consult your instructor.

Your instructor cannot administratively withdraw you for non-attendance or because you are failing. Failure to withdraw will mean that the instructor will calculate your final grade as indicated in this syllabus. If you stop attending and fail to withdraw, you will more than likely receive a failing grade. This failing grade will be placed on your permanent transcript and will be used in the calculation of your grade point average.

Students who audit the course are expected to participate in the course the same as credit seeking students. This includes attending class and submitting assignments. (Audit students shall not take the tests.)

Administrative Withdrawal

Students who do not attend the first 2 weeks of course(s) for which they are enrolled will be reported by the individual faculty member as Never Attended and be subsequently administratively withdrawn from the course(s). Students who enroll, but do not attend will be responsible for the full amount of tuition and fees owed. More information on the Never Attend Policy is available in the OCCC Student Handbook.

Network Acceptable Use Policy

Every user of the college network, equipment, communications systems, and/or college-owned software will comply with the Information Technology Resources Acceptable Use Policy. Information regarding the policy can be found at <http://www.occc.edu/policy/pdf/3058.pdf>.

Pregnant and Parenting Students

Pregnancy and Parenting Statement: Oklahoma City Community College does not discriminate against any student on the basis of pregnancy, parenting or related conditions. Pregnant or parenting students seeking accommodations should notify your professor immediately. For purposes of this notification, "parenting student," means a student who is pregnant or has recently been pregnant, or another student in a parenting role (regardless of gender), who is participating in a pregnancy-related or birth process.

Pregnancy-Related Absences: When a doctor determines absence is necessary, absences will be excused for students who are pregnant or parenting for as long as the student's doctor determines. Reasonable time will be given to make up missed work.

Title IX Coordinators: OCCC has designated a Senior Deputy Title IX Coordinator, Cary Pirrong (405-682-7850), and a Deputy Title IX Coordinator, Christina Atencio, (405) 682-7813. Either may be contacted when a pregnant or parenting student needs assistance in understanding or protecting the students' rights under Title IX.

Academic Accommodation Statement

Oklahoma City Community College Complies with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Students with disabilities who seek academic adjustments/ accommodations must make their request by contacting the Office of Student Support Services located on the first floor of the main building near SEM entry 3 or by calling 405-682-7520. All academic adjustments/accommodations must be approved by Student Support Services. If you have been approved by Student Support Services to receive academic adjustments/ accommodations you must talk with your instructor in private at a mutually agreeable time such as during the instructors posted office hours.

This will allow the instructor to be better informed on how to assist you with access during the semester. To respect your privacy the instructor will not approach you, but the academic adjustments/ accommodations must be discussed to ensure ideal implementation for you. All information will remain confidential.

FERPA

The educational rights and privacy of students of Oklahoma City Community College are governed by the Family Educational Rights and Privacy Act (FERPA) of 1974 as amended. The Act ensures students certain rights with regard to their education records. Students are ensured:

- the right to inspect their education records;
- the right to request the amendment of those records if they believe they are inaccurate, misleading, or otherwise in violation of the student's privacy or other rights;
- the right to consent to the release of personally identifiable information, except to the extent that FERPA authorizes disclosure without consent, i.e., Directory Information;
- the right to file a complaint with the U.S. Department of Education concerning alleged failures by Oklahoma City Community College to comply with the requirements of FERPA;
- If you wish to review any academic record, please approach your faculty member to arrange a mutually agreeable meeting day, time and location;
- When distance is a barrier for a face to face meeting, an electronic form of communication for a meeting will be arranged;
- Students are encouraged to seek a review of their academic records while the course is in progress or shortly thereafter to ensure the record is maintained and available for review.

The educational rights and privacy procedure of Oklahoma City Community College is published in the institutional policies and procedures manual and is available upon request in the Office of the Dean of Admissions/Registrar. For more information regarding your student rights under FERPA, visit 40 <http://www.occc.edu/records/FERPA.html>.

Disclaimer

The assignments, point values, schedule, and testing dates presented in this syllabus are subject to change in the event of extenuating circumstances or if class progress warrants. Adjustments may be made as the semester progresses.

SAFETY AND SECURITY EMERGENCY PROCEDURES

The health and safety of all our students, faculty, and staff are OCCC's prime concern. The procedures outlined below are designed to deal with emergencies of various types. Students should always follow the lead of their instructors.

Fire - First notification will come from the fire alarm horns, sirens, and strobes. The class should gather their belongings, exit the building using the nearest exit, and move to a parking lot. Do not use the elevators. No alarm should be treated as a false alarm. Horns, sirens, and strobes are only used for fire alarms.

Fire (Special Considerations)

If someone in your area is not physically capable of descending the stairwell, please ensure that they remain in the "area of safe refuge" located just inside each upper-level enclosed first stairwell. There are emergency phones located near each of these areas.

Medical Emergencies

For all medical emergencies use the "Emergency" button located on each classroom or office phone. The classroom or office phone will display your current location, allowing for fast response to your location. You can also report a medical emergency to the Campus Police Department using any phone by dialing 682-7872. Dialing 911 directly may delay emergency responders. Campus Police and Security Officers are Basic Life Support capable and will also direct necessary Emergency Medical Services to your location. Remember to treat all bodily fluids as if they were contaminated and a potential biohazard.

Bomb Threat/Evacuation

If you receive a bomb threat, document as much information as possible and push the "emergency" button on the phone. If the decision to evacuate is given, the phone will sound an alarm and display a text message. The class should gather their belongings, exit the building using the nearest exit, and move away from buildings to Faculty Circle by the most direct and safe route. Please turn off all wireless devices. (Cell phones, radios, laptops, and other portable devices.) Updated information will be communicated as soon as it is available. Do not return to any building until there is an "All Clear" message.

Severe Weather

Tornado warnings with a potential impact to OCCC properties will be sent directly to the classroom phone. The phone will sound an alarm and display a text message. The class should gather their belongings, move away from exterior glass and exits, and move to safer areas. Designated for the building you are occupying. These "Safer Areas" are lower-level interior classrooms and hallways. Some buildings include stairwells as safer areas. You should familiarize yourself with the safer areas near your classroom(s). If the city/county sirens are sounding and OCCC is not in the warning area, a message will be sent to the classroom phone advising this information.

Disturbance/Threats

If someone is causing a disturbance in a classroom, call the Campus Police Department immediately. Use the "emergency" button located on each classroom phone. Distance yourself from that person, do not place yourself in the person's exit path and remove all potential weapons from the area.

Shelter in Place

If there is an armed person or active shooter on campus, the Campus Police will initiate a Shelter in Place alert. If in a classroom, office or other place where you can lock the door;

- Close and lock your hallway doors. Do not let anyone into the classroom.
- Silence cellphones, darken screens and remain calm & quiet
- Turn off the lights and shut any available blinds
- Use desks, tables and other objects to provide protection or barricade doorways
- Remain sheltered until an All Clear is issued by the Campus Police.

If in an open area;

- Get out of the building immediately using the nearest exit
- Do not look back or stop until you know you are away and safe
- Stay out and away from building until and All Clear is issued by the Campus Police.

Tentative Course Calendar

Dates and Assignments may and will be changed as class progress warrants. Actual due dates will be available in Moodle, Assignment, and Calendar/Due Dates areas.

Week	Topic
Week 1 (January 22) No class on January 21 – MLK Day	<ul style="list-style-type: none"> • Review syllabus • Chapter 1: <ul style="list-style-type: none"> ○ Introduction to web development with PHP • Appendix A, B, or C: <ul style="list-style-type: none"> ○ How to setup book material for your Operating System (OS)
Week 2 (January 28)	Chapter 02: How to code a PHP application
Week 3 (February 4)	Chapter 08: How to code control statements Chapter 13: How to create and use functions
Week 4 (February 11)	Chapter 09: How to work with strings and numbers Chapter 10: How to work with dates
Week 5 (February 18)	Test 1

Week	Topic
Week 6 (February 25)	Chapter 06: How to test and debug a PHP application Chapter 07: How to work with form data
Week 7 (March 4)	Chapter 21: How to create secure websites Chapter 23: How to work with files, uploads, and images
Week 8 (March 11)	Chapter 11: How to create and use arrays Chapter 15: How to use regular expressions, handle exceptions, and validate data
	Spring Break(Monday, March 18 – Sunday, March 24)
Week 9 (March 25)	Test2
Week 10 (April 1)	Chapter 11: How to create and use arrays Chapter 15: How to use regular expressions, handle exceptions, and validate data
Week 11 (April 8)	Chapter 17: How to use SQL to create a database Chapter 18: How to use SQL to work with a database
	The end of the twelfth week (Friday) is the deadline for withdrawing or changing to audit. If students feel that they cannot successfully complete the course and wish to withdraw/change to audit, it is their responsibility to do so.
Week 12 (April 15)	Test 3
Week 13 (April 22)	Chapter 12: How to work with cookies and sessions
Week 14 (April 29)	Chapter 05: How to use the MVC pattern to organize your code Chapter 14: How to create and use objects
Week 15 (May 6)	Chapter 19: Professional PHP for working with MySQL Chapter 20: A database-driven website
Week 16 (May 13)	Test 4

Once you have read through the Syllabus, email me through Moodle stating that you have read the Syllabus and that you plan to abide by the rules stated in it, and tell me something interesting about yourself.