

CS 490WD/IT 490WD Tentative Syllabus

(The content may change during the semester)

Credits: 3

CSEE – UMKC

Class Times and Room: Online-- Asynchronous

Instructor: Alexa Summers

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Office: <https://umsystem.zoom.us/my/amazonecho>

Office hours: Online only—by appointment.

Catalog description:

Covers several technologies that allow creating dynamic web applications: HTML, CSS, MySQL, JavaScript and a framework. Projects will involve problem solving skills and analytical thinking and grading will be based not only on correctness, but also on style, documentation and efficiency.

Students will be put into groups and tasked with designing or modifying websites for actual companies looking to either establish an online presence or build commerce.

Prerequisites:

None

Textbook: *There is no required textbook, and online resources will be given throughout the semester.*

Course Goals and Learning Outcomes:

Students will be able to (1) write HTML-based web pages; (2) familiar with CSS rules (e.g. how to style HTML elements, how to style elements with specific classes and IDs. (3) Familiar with JS, JQuery (e.g. how to validate forms using JS, how to interact with HTML elements through events. (4) familiar with databases (e.g. how to create tables, query tables, the different kinds of database relationships) (5) familiar with PHP code that connects to database, manipulates data (e.g. adds, edits, deletes data records) (6) understand the process of working with a client (7) produce a deliverable based on client-given information

Evaluation / Assessment Criteria and Grading:

Project: Students will be placed in groups, and assigned TWO small businesses in need of a website. During the semester, you will work with these clients to create a website for their business. The project will be goal-based.

Samples: Sample problems will be given during lectures to help solidify the recently taught material. I will give time to work on the problem, and then we will go over the solution. These problems are important to pay attention to—they might show up on quizzes or tests.

Code Demonstration: I will demonstrate the source code in some examples with Visual Studio Code. I will post this code on Canvas for review. It is imperative that you understand this code—be sure to run it and know step by step how it works. Consult with me if you have trouble running the source code.

Assignments: Assignments will help you understand the class material; therefore they are extremely important to complete. There will be multiple assignments throughout the semester. Assignments will be due on Canvas by the announced deadline. These deadlines will always occur on Sunday night, at 11:59:00pm CST. **NO LATE ASSIGNMENTS WILL BE ACCEPTED.**

Quizzes (Extra credit): There will be quizzes posted on Canvas throughout the semester. These quizzes will be worth **up to +5%** extra credit added on at the end of the semester. These quizzes cannot be made up, and **NO LATE QUIZZES WILL BE ACCEPTED.**

Midterm Exams: Both midterm exams will be taken on Canvas. Students will have a week to make a submission. Exams will be timed. Due to the flexible policy, no exceptions will be made for those who fail to complete exams within the allotted time frame. If you foresee any issues, please talk to me. All exams are closed book/closed note. Answers will be hidden until after the due date. **NO LATE EXAMS WILL BE ACCEPTED.**

Final Exam: The final exam will be posted MONDAY, December 7th, and will close SUNDAY, December 13th at 11:59:00pm CST. This is the week before finals week. **NO LATE EXAMS WILL BE ACCEPTED.**

Attendance: Because this is an online asynchronous course, you may “attend” class at any point during the week. New lectures and assignments will be posted every Monday, and you will have until Sunday at 11:59:00pm CST to complete any assignments.

Grading

Your class grade will be based on the following:

Project	40 points
Assignments	20 points (the worst assignment will be dropped)
Midterm Exam 1/ Midterm Exam 2	10 points/ 10 points
Final Exam	20 points
Quizzes	up to +5 points

If you have a question about any grade received, you must talk with me within 10 school days of receiving the grade. After 10 school days have elapsed, no adjustment will be made to any grade.

At any point in time you to calculate your grade, you are welcome to send me an e-mail, and I will happily do that for you.

Final letter grades will be assigned according to the following scale:

A	A-	B+	B	B-	C+	C	D+	D	D-
93-100	90-92	86-89	80-85	78-79	76-77	70-75	66-69	60-65	57-59

Electronic Distribution of Files and Information

Course materials will be uploaded to Canvas during the semester: documents, lectures, examples, assignments, etc. You will also submit completed work through Canvas.

I will use the announcements feature of Canvas to post information pertaining to that week. In addition, official communication may be sent to your UMKC email account. Please be sure to check this frequently. Also, feel free to set up a Zoom meeting whenever you need. When you send an e-mail to me, I will answer your email, normally within 24-48 hours.

Students are responsible to regularly check the announcements, documents, and other uploaded materials and their UMKC email accounts. Failure to do so cannot be accepted as an excuse.

Course Plan:

Week	Topic
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1	Introduction/Project Assignment
2	Website Dev Life Cycle/Questionnaire
3	Working in Teams
4	Midterm #1 Review
5	Midterm #1
6	User Interface Design
7	HTML
8	CSS
9	Midterm #2 Review
10	Midterm #2
11	JS
12	Database Implementation/PHP
13	Project wrap-up
14	Thanksgiving break

15 Final exam review

16 Final Exam

COVID-19 Policies:

UMKC's mask/face-coverings policy is available at <https://www.umkc.edu/coronavirus/>.

Any student requesting an ADA accommodation for the University mask/face covering policy should contact Scott Laurent the Office of Disability Services as soon as possible by calling (816) 235-5696 or via email at <mailto:mlaurentr@umkc.edu>.

Up to date information and FAQs regarding COVID-19 may be found on the UMKC COVID website: <https://www.umkc.edu/news/coronavirus.html>

Academic Calendar

Students are encouraged to review important add, drop or withdraw dates:

<http://www.umkc.edu/registrar/acal.asp>

Academic Integrity

The Board of Curators of the University of Missouri recognizes that academic honesty is essential for the intellectual life of the University. Faculty members have a special obligation to expect high standards of academic honesty in all student work. Students have a special obligation to adhere to such standards. Academic dishonesty, including cheating, plagiarism or sabotage, is adjudicated through the University of Missouri Student Conduct Code and Rules of Procedures in Student Conduct Matters.

Academic Support and Mentoring

UMKC's office of Academic Support and Mentoring provides innovative support services and resources to ensure educational access and personal success for every student. For information on tutoring, student success seminars, and other information, please visit: <https://www.umkc.edu/asm/index.asp>

Attendance Policy

Students are expected to participate/meaningfully engage in classes, regardless of the class format. Faculty can require participation/engagement, but cannot require physical presence for face-to-face coursework. In order to comply with federal regulations associated with eligibility rules for federal financial aid, students not attending/participating a course during the first three weeks of the term will be administratively dropped from the specific course. Advance notice of attendance policies of academic units and individual instructors should be given, and such notice should be

in writing. Students should notify instructors of excused absences in advance, where possible. Students who have an excused absence are expected to make arrangements with instructors for alternative or make-up work. Such arrangements should be made in advance of the absence, where possible. Instructors should accommodate excused absences to the extent that an accommodation can be made that does not unreasonably interfere with the learning objectives of the course or unduly burden the instructor. Attendance policies shall be applied in a non-discriminatory manner. Enrollment as a student is required to attend any class unless otherwise pre-approved by the instructor. Instructors are responsible for verifying student attendance and participation within the first three weeks (16 week course) through the Attendance Verification Survey (administered through UMKC Connect) as well as maintain records of participation throughout the term so that the last date of attendance for students with recorded "F" or "W" final grades may be submitted.

Campus Safety

Inclement weather, mass notification, and emergency response guide:

<http://www.umkc.edu/umkcalert/>

UMKC Connect

Important information is available to undergraduate students in UMKC Connect accessed through Canvas. Throughout the term, students may receive emails regarding course grades or academic performance. Students are expected to address information posted in a timely fashion. This information may be shared with the student's Success Network made up of his or her academic advisor(s) and other campus resources so that UMKC may fully support the student's success.

Grade Appeal Policy

Students are responsible for meeting the standards of academic performance established for each course in which they are enrolled. The establishment of the criteria for grades and the evaluation of student academic performance are the responsibilities of the instructor.

The [University grade appeal procedure](#) is available only for the review of allegedly capricious grading and not for review of the instructor's evaluation of the student's academic performance. Capricious grading, as that term is used here, comprises any of the following: Students are responsible for meeting the standards of academic performance established for each course in which they are enrolled. The establishment of the criteria for grades and the evaluation of student academic performance are the responsibilities of the instructor.

The [University grade appeal procedure](#) is available only for the review of allegedly capricious grading and not for review of the instructor's evaluation of the student's academic performance. Capricious grading, as that term is used here, comprises any of the following:

- The assignment of a grade to a particular student on some basis other than the performance in the course;
- The assignment of a grade to a particular student according to more exacting or demanding standards than were applied to other students in the course; (Note: Additional or different grading criteria may be applied to graduate students enrolled for graduate credit in 300- and 400-level courses.)
- The assignment of a grade by a substantial departure from the instructor's previously announced standards.

Privacy Policies

Privacy Policy: <https://www.umkc.edu/web-policy/privacy.asp>

Webcam Policy: <https://www.umsystem.edu/ums/elearning/policies>

Counseling Services and Student Health & Wellness

UMKC students may experience many challenges in their lives while attending college – stress, depression, suicidality, trauma, relationship issues, health concerns, etc. As your professor, I care about your success and well-being, and want to make you aware of some helpful resources on campus. UMKC Counseling Services (<https://info.umkc.edu/counseling-services/>), located at Brookside 51 Building, 5110 Oak Street, Suite 201, offers a wide range of supportive services to students. Appointments can be made by calling 816-235-1635. UMKC Student Health and Wellness (<http://info.umkc.edu/studenthealth/>), located at Brookside 51 Building, 5110 Oak Street, Suite 237, offers a full range of health care and promotion services. Appointments can be scheduled online or by calling 816-235-6133. The MindBody Connection (www.umkc.edu/mindbody) is located in the Student Union, room 413 and offers a variety of stress-reduction services.

Students are encouraged to review UMKC's Policy on Suicide Prevention Resources (<https://info.umkc.edu/saem/wp-content/uploads/2019/10/UMKC-Suicide-Prevention-Policy.pdf>), which provides resources, referral information, and training opportunities to help recognize signs of distress in yourself and your peers as well as how to make appropriate referrals for support and assistance.

Students may contact the UMKC Student HelpLine (816-235-2222 or <https://info.umkc.edu/saem/helpline/>) with any questions or concerns. Students may also utilize the Complaint Policy (<https://info.umkc.edu/saem/helpline/student-complaint-policy/>) to file a complaint online.

Student Disability Services

To obtain disability related accommodations and/or auxiliary aids, students with disabilities must contact Student Disability Services as soon as possible by calling 816-235-5612. Once verified, our office will notify the course instructor and outline the accommodation and/or auxiliary aids to be provided. For more information go to: <https://info.umkc.edu/disability-services/>.

Equal Opportunity & Educational Access

UMKC is committed to providing equal opportunities to all students without unlawful discrimination on the basis of a protected identity, or their race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, or any other status protected by applicable state or federal law.

Discrimination & Harassment: Compliance with UM System Collected Rules and Regulations (CRRs) [600.010](#) (link) is monitored by the Office of Affirmative Action (<https://info.umkc.edu/title9/>), but it is the responsibility of the entire university community to provide equal opportunity through relevant practices, initiatives, and programs. If you or someone you know has experienced discrimination or harassment based on their protected identity, we encourage you to visit [Making a Report](#) (link).

Also included under CRR [600.010](#) is sexual harassment and sexual misconduct by a student, employee, volunteer, or visitor that is not prohibited under CRR [600.020](#) and Title IX, and that occurs within a UMKC educational program or activity, on- or off-campus, as well as when the conduct occurs off-campus and interferes with or limits the ability of any person to participate in or benefit from UMKC's educational programs or activities or employment. For those who have experienced discrimination or harassment, the [Roos Respond Resource Guide](#) (link) provides a list of campus and community support services.

Failure to Accommodate Students with Disabilities: UM System Collected Rules and Regulations (CRRs) [600.010](#) prohibits discrimination against students with disabilities and ensures these students receive educational accommodations as issued by [Student Disability Services](#) (link). If you believe an employee of the university has failed to accommodate your disability, visit [Making a Report](#) (link).

Accommodating Pregnancy & Childbirth: UMKC provides reasonable accommodations to students related to pregnancy and childbirth, including adjustments to attendance requirements, course due dates, leaves of absence, and other accommodations. If you have questions or would like to request arrangements, please visit [Pregnant & Parenting Students](#) (link).

Sexual Harassment under Title IX: UM System Collected Rules and Regulations (CRRs) [600.020](#) (link) prohibits all students, employees, volunteers, and visitors from engaging in sexual harassment, including sexual assault, dating violence, domestic violence, and stalking, in a university education program or activity against a person in the United States. If you or someone you know has experienced any of these forms of prohibited conduct, you can access the [Roos Respond Resource Guide](#) (link) for a list of support services on campus and in the community. For information on how to make a report to the university, visit [Making a Report](#) (link).

Mandated Reporting: Nearly all UMKC employees, including your course instructors, advisors, and other support staff, are required to report all information related to any known or suspected discrimination, harassment, or sexual misconduct to the Office of Affirmative Action and cannot offer confidentiality. However, students may seek

confidential support from [RISE: Resources, Intervention, Support, & Education](#) (link), [Counseling Services](#) (link), [and Student Health & Wellness](#) (link).

Employees of these offices are exempt from mandated reporting so long as the disclosure of prohibited conduct occurs in a confidential communication while they are acting as support advocates, professional counselors, or medical personnel. An exemption does not extend to these employees when the disclosure is made in non-confidential setting. If you have a question about confidentiality when making a disclosure to RISE, Counseling Services, or Student Health & Wellness, you should first ask whether the exemption applies.

Right to Free Expression

It is vitally important for UMKC to foster and maintain an educational environment that promotes free discussion, inquiry and expression by students inside the classroom and beyond, without fear that their exercise of such rights will have negative repercussions in areas over which the university has responsibility. It is equally important that students understand the narrow line separating their First Amendment rights and the legal and privacy rights of others so that students can exercise those rights within appropriate boundaries.

Per UM System Collected Rules and Regulations (CRRs) [200.015](#) (link), your instructors should encourage free discussion, inquiry, and expression in courses, conferences and meetings. Student performance shall be evaluated solely on an academic basis, not on opinions or conduct in matters unrelated to academic standards.

Classroom Expectations: In exercising your right to free expression, UMKC requests students adhere to these five guidelines:

- Share responsibility for including all voices in the conversation, leaving sufficient time for others to engage in the discussion. Listen respectfully, avoiding interruptions or distractions.
- Recognize how your own identity and experiences inform your opinions and reactions to others. Be open to changing your perspectives when exposed to the ideas of others.
- Speak with care, acknowledging that your words may be perceived as disrespectful, marginalizing, biased, or harmful.
- Understand that everyone makes mistakes; view these mistakes as valuable in the learning process. Notice your own defensive reactions, and channel them into furthering a productive discussion.
- Differentiate between safety and comfort; accept discomfort as necessary for learning and exploring ideas through a social justice lens.

Although your right to free expression is protected, your instructors have the authority to take action under CRR [200.010](#) (link) when they believe the conduct of any student unreasonably disrupts the classroom environment and prevents others from learning or

threatens or endangers the health or safety of any person. If you feel your instructor was in error in taking action under CRR [200.010](#) related to your right to free expression, visit [Making a Report](#) (link).

Expressions of Perceived Bias

UMKC is committed to equity, diversity, inclusion and respectful interaction. In support of our campus community, the university provides the opportunity for students, employees, volunteers, and visitors to report expressions of perceived bias and to request UMKC respond to such expressions.

An expression of perceived bias may occur when someone believes that they have been subjected to harassment, bullying, stereotyping, microaggressions, abuse, marginalization, or any other form of targeted misconduct because they identify or are associated with a particular group. If you believe you have experienced an expression of bias or you become aware of such an expression, visit [Making a Report](#) (link).

Support: If the conduct of others prevents you from fully participating in the classroom or in university activities, UMKC offers confidential support through [Counseling Services](#) (link) and [RISE: Resources, Intervention, Support, & Education](#) (link). Additional campus and community support services are listed on the [Roos Respond Resource Guide](#) (link).