


# Course Syllabus

[Jump to Today](#)

## CPSC 3750 Web Application Development

Summer 2024

### Syllabus

Platform-based development of client- and server-side technologies. Students create interactive and dynamically generated web applications using programming and command-line tools. Course content includes new Internet technologies. Preq or concurrent enrollment: [CPSC 3600](#) 

[https://catalog.clemson.edu/content.php?](https://catalog.clemson.edu/content.php?catoid=28&catoid=28&navoid=885&filter%5Bitem_type%5D=3&filter%5Bonly_active%5D=1&filter%5B3%5D=1)

[catoid=28&catoid=28&navoid=885&filter%5Bitem\\_type%5D=3&filter%5Bonly\\_active%5D=1&filter%5B3%5D=1](https://catalog.clemson.edu/content.php?catoid=28&catoid=28&navoid=885&filter%5Bitem_type%5D=3&filter%5Bonly_active%5D=1&filter%5B3%5D=1)

. 3 credits.

By the end of the semester, students should be able to:

- Design and implement a modern web application
- Compare and contrast web programming with general purpose programming
- Describe the differences between software-as-a-service and traditional software
- Discuss how web standards impact software development
- Describe current web standards

My professional teaching goal is to do the following for each of my students:

- instruct - the depths of computer science using as it relates to web application development (full stack), preparing you for your first job in web development
- inspect - otherwise known as assessment, designed to make sure you are learning from what I instruct you
- inspire - the part I enjoy the most, helping each of you make the connection from what I instruct you and life after graduation

A [weekly schedule \(https://clemson.instructure.com/courses/222478/pages/weekly-schedule\)](https://clemson.instructure.com/courses/222478/pages/weekly-schedule) is posted on Canvas.

### 1 Teaching Team

Name	Role	Email
Mr Dan Wooster	Instructor	edwoost@clemson.edu
Apoorva Gaddam	TA	agaddam@g.clemson.edu

## Course Instruction Staff

**Instructor:** Professor Dan Wooster, Professor of Practice, School of Computing.

**Instructor Contact Info:** [edwoost@clemson.edu](mailto:edwoost@clemson.edu) (<mailto:edwoost@clemson.edu>) (don't use gmail account or Canvas email)

**Instructor Office:** virtual (MS Teams or Zoom) during summer months

**Instructor Office hours:**

- email me for an appointment

## 2 Class Meeting Times

This class is held online in asynchronous mode during Summer 2023.

## 3 CourseWorkload Expectations

This is a 3 credit hours course. One credit hour is defined as one hour of classroom or direct faculty instruction and a minimum of two & one third hours of out of class student work each week. You should therefore expect to spend a minimum of 10 hours per week on this class.

## 4 Topical Outline

- Web programming languages and paradigms (e.g., HTML 5, JavaScript, PHP, CSS, MySQL)
- Web platform constraints
- Software as a service
- Web standards
- Accessibility standards
- Web security standards
- Database-driven websites

A weekly schedule is posted on Canvas.

## 5 Course Materials

### REQUIRED TEXTBOOK AND EQUIPMENT

#### ***Sams Teach Yourself PHP, MySQL & Javascript All in One***

Author: Julie Meloni

ISBN: 978-0-13-443958-7

<https://www.informit.com/store/php-mysql-javascript-all-in-one-sams-teach-yourself-9780672337703> ➞ <https://www.informit.com/store/php-mysql-javascript-all-in-one-sams-teach-yourself-9780672337703>

#### ***Don't Make Me Think Revisted***

Author: Steve Krugt

ISBN: 978-0-13-359726-4

Another good resource for Javascript (and free with your Clemson account) is

<https://learning.oreilly.com/library/view/javascript-from-beginner/9781800562523/Text/cover.xhtml> ➞ <https://learning.oreilly.com/library/view/javascript-from-beginner/9781800562523/Text/cover.xhtml>

## 6 Laptop and Technology Requirements

You are required to have a functioning laptop computer running Windows 10 or macOS 10.14 or later on a bootable partition. You need a webcam, microphone, and stable internet connection in case University administration decides that classes will be conducted in a virtual (online) format.

**Many quizzes and exams in this course will be completed via Canvas and will require you to use the Respondus Lock-Down Browser WITH webcam.** It is your responsibility to make sure that the Respondus LockDown Browser is installed on your machine before taking a test. A practice quiz to test the LockDown Browser is available on the course Canvas page. If you haven't installed the LockDown Browser yet, open the practice quiz and follow the onscreen instructions to complete the installation.

## 7 Laptop Usage Policy

**You need to bring your laptop to class and lab.** You may not use your laptop every class, but you will need it for in-class exercises, exams, and programming exercises. Here are a few guidelines with regards to electronics in class that you are expected to observe not only as a courtesy to your classmates but also to assure that you have the best opportunity for a positive learning experience:

- Laptops, phone speakers, and alarms must be set to mute or off before coming to class.
- All social media sites, games, etc. must be turned off during class. If you engage in unauthorized communication or entertainment during class (e.g. surfing the web, instant messaging, playing games, etc.), you will be asked to close your laptop. **These activities not only distract yourself, but also people seated near you.** If such activities occur during an exam or quiz, it constitutes academic dishonesty (see below).
- **The use of headphones is prohibited during class. Be where you are. Class is designed to help you succeed in learning computer science so you can one day get your dream job!!! I'm here to help you achieve that goal.**

## 8 Communication

It is your responsibility to check Canvas and your Clemson email at least twice a day. Missing an assignment deadline or announcement because you did not check your email/Canvas is not an excused reason.

- Canvas: We will use Canvas for class announcements, to post course materials (weekly schedule, lecture slides, code solutions, additional readings, etc.), and to post assignments.

Email - my goal is to answer emails M-F, usually within 24 hours or less.

**Canvas:** to make sure you don't miss out on course announcements made in Canvas, check out this article: <https://community.canvaslms.com/t5/Student-Guide/How-do-I-manage-my-Canvas-notification-settings-as-a-student/ta-p/434> ➡ <https://community.canvaslms.com/t5/Student-Guide/How-do-I-manage-my-Canvas-notification-settings-as-a-student/ta-p/434>

## 9 Mobile Devices

Please silence your devices and remove your head set before class begins. Do not text or play games during class.

## 10 Recording Devices

Lectures may not be recorded without the written permission of the instructor, and you do not have the instructor's permission to use notes from the lectures for commercial lecture note purposes.

## 11 Attendance Policy

Attendance is an important part of life. If you don't show up for class, it shows a lack of interest on your part. There may be assignments or in-class exercises that must be completed during the class meeting. **If you do not attend class in person, you will not be able to complete the assignment. Does not matter the reason for your absence or lateness. But if you only miss a few, it will not harm your grade. The more you miss the more potential damage to your grade. You are expected to attend class.**

Being absent, excused or not, does not change the responsibility for material covered during the class, assigned work, announcements, and/or assignment modifications. For University-sponsored events, students must provide written notice prior to the event. If you miss class, go to someone in the class that you know.

If you need to miss class due to illness, here are my suggestions.

- be sure to submit an absence form
- read all the materials listed in canvas and textbook
- contact a fellow student for a copy of their notes

A couple of reminders about class attendance.

Each day I invest time and energy to bring the best lectures I know how to bring. We cover mostly the materials listed in Canvas for that week, but often I add things from my industry and academic experience.

Attendance is required for this course.

If you know you are going to miss, be sure to submit an absence form in advance.

To help me check attendance, I will regularly give a 1 question in-class quiz to show me who is attending. Here's how this works.

1. It will usually be a question from a prior day's lecture
2. You have 1 minute to complete.
3. If for whatever reason (network, computer, late, etc) you miss the quiz, you will be counted absent.
4. There are no make-ups for these attendance exercises.
5. To keep students from "cheating the system", I change the password after 1 minute of your taking the quiz. So if you miss that window, see #3 and #4
6. These exercises are 1 point each and are part of the 10% in-class exercises that make up your class grade. Missing a few will NOT have negative impact on your grade. But missing many will pull down your grade.
7. IF YOU MISS a class period, it is your responsibility to contact a fellow student and ask what you missed. Due to the number of students in this course, I do not have time to answer everyone's question about what they missed.
8. At the end of the semester I look at two things to determine if I will round up a grade that is borderline (for example 69.78%). 1) programming average 2) attendance

Hope this helps. I am here for your success in computer science.

**NEW FEDERAL POLICY: If a student does not attend the first class meeting or contact the course instructor by the second meeting or the last day to add, whichever comes first, the course instructor must drop that student from the roll.**

## 12 Grading

Exams 20%

Quizzes 10%

Exercises 30%

Projects 30%

Final Exam 10%

TOTAL 100%

LATE PENLTY: assignments submitted past the due date will receive -10% per day that they are late.

Letter grades are assigned according to the standard 10-point scale: 90-100: A; 80-89.999: B; 70-79.999: C, 60-69.999: D; below 60: F.

### NOTES ON GRADING.

- I often receive emails requesting a point on an automated quiz because of an extra "s" or missing an "s" or whatever. Here's my policy. I will typically NOT go back and change the quiz question. BUT, if at the end of semester, last week, you believe that point would make a letter grade difference, email me for consideration.
- Due to FERPA laws, I will not discuss grades in public (like before, during or after class). Please send me an email if you have a grading question that if not covered by the previous note. If we cannot resolve your concern via email then please come by and see me during one of my office hours. I understand grades are an important part of your academic life and want to make sure all of my students feel they are being treated fairly.

## 13 Assignments

The following is a summary of graded assignments used in this class. More detailed instructions for each assignment will be posted on Canvas.

### 13.1 Exams (20%)

All exams are closed book (no book, no internet, or other resources allowed) and will require the use of the Respondus LockDown Browser with webcam.

### 13.2 Exercises (30%)

There will be several assignments and small programs during the semester. These are designed to help prepare you for the larger programming projects. You are allowed to discuss these with each other but the work you submit needs to be your own.

Please make sure to carefully read the below Academic Integrity Statement, which explains what is considered cheating in this class.

Each of these assignments must be hosted on a public web server of your choice. **I must have access to all source code and be able to run your page(s) in the latest version of Chrome.**

### 13.3 Projects (30%)

There are 4 programming projects which involve creating web apps and hosting them on a public web server of your choice. **I must have access to all source code and be able to run your page(s) in the latest version of Chrome.**

### 13.4 Final Exam (10%)

The final exam will be held according to the official Clemson Final Exam Schedule, which lists the exam times for this class. Refer to the course weekly schedule for dates.

The final exam will be cumulative, that is, it will cover any material from the lectures, labs, and readings up to the date of the exam. The final exam will be closed book (no book, no internet, or other resources allowed) and will require the use of the Respondus LockDown Browser in Canvas unless otherwise indicated at the time of the assessment.

### 13.5 Quizzes (10%)

This will include in-class attendance quizzes as well as textbook reading quizzes.

## 14 Academic Continuity Plan

Clemson has developed an academic continuity plan for academic operations. Should University administration officially determine that the physical classroom facility is not available, class will be conducted in a virtual (online) format. The University issues official disruption notifications through email/www/text notification/social media. When notified, use one of the following links to navigate for Clemson Canvas, where you will find important information about how we will conduct class: [www.clemson.edu/canvas](http://www.clemson.edu/canvas) or <https://clemson.instructure.com/>.



## 15 Academic Integrity Statement

As members of the Clemson University community, we have inherited Thomas Green Clemson's vision of this institution as a "high seminary of learning." Fundamental to this vision is a mutual commitment to truthfulness, honor, and responsibility, without which we cannot earn the trust and respect of others. Furthermore, we recognize that academic dishonesty detracts from the value of a Clemson degree. Therefore, we shall not tolerate lying, cheating, or stealing in any form.

Unless specified otherwise, all work for this course must be completed on your own. It is acceptable to discuss topics you do not understand with other students in the class, but do not discuss the specifics of any assignment or share solutions.

Academic integrity is taken very seriously. The University's Academic Integrity Policy is available here. Unless otherwise instructed (e.g., when assigned a lab partner), you are expected to work independently on projects and labs. The instructor may use automated tools to look for similarities in code which could indicate plagiarism. Instances of copying or sharing, or cheating in any way will result in an academic dishonesty charge, which can lead to an F in the course or expulsion from the university. Each student is responsible for protecting his or her files and work from access by others. Work that is essentially the same and submitted without proper attribution is considered to be a violation of academic dishonesty policies by all those submitting the work, regardless of who actually did the work.

Lack of knowledge of the academic honesty policy is NOT a reasonable explanation for a violation. Publicly available sources for code or other material, in small amounts, may be freely used if appropriately attributed. A good rule of thumb: when in doubt about whether the use of small snippets of code not your own in a programming assignment or lab assignment is allowed, ASK the instructor or lab TA.

### **For this course, it is considered cheating to do any of the following:**

- discuss in detail the code in your program with another student (other than the instructor, lab TA, or your assigned lab partner(s));
- showing, sharing or using code between your program with another student or any other unauthorized source, either modified or unmodified (each student is responsible for protecting his or her files from access by others);
- use re-engineering tools;
- use an AI to produce some or all of your code;

- submit work of others, from the internet or any other source, even if attributing the work to others;
- use unauthorized aids such as the textbook or other individuals on exercises, quizzes, or exams.

**If you submit a programming assignment and Gradescope Similarity checker gives you 90-100% similarity, you will receive a grade of 0 regardless of whether you were the giver or taker of the source code. DO NOT GIVE YOUR CODE TO ANOTHER STUDENT. It hurts both of you. Then a plagiarism form will be submitted to the integrity office.**

## **16 Accessibility Statement**

Clemson University values the diversity of our student body as a strength and a critical component of our dynamic community. Students with disabilities or temporary injuries/conditions may require accommodations due to barriers in the structure of facilities, course design, technology used for curricular purposes, or other campus resources. Students who experience a barrier to full access to a class should let the professor know, and make an appointment to meet with a staff member in Student Accessibility Services as soon as possible. You can make an appointment by calling 864-656-6848 or by emailing [studentaccess@lists.clemson.edu](mailto:studentaccess@lists.clemson.edu). Students who receive Academic Access Letters are strongly encouraged to request, obtain and present these to their professors as early in the semester as possible so that accommodations can be made in a timely manner. It is the student's responsibility to follow this process each semester. You can access further information here: <http://www.clemson.edu/campus-life/campus-services/sds/>.

## **17 Title IX (Sexual Harassment) Statement**

Title IX Policy: Clemson University is committed to a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender, pregnancy, national origin, age, disability, veteran's status, genetic information or protected activity (e.g., opposition to prohibited discrimination or participation in any complaint process, etc.) in employment, educational programs and activities, admissions and financial aid. This includes a prohibition against sexual harassment and sexual violence as mandated by Title IX of the Education Amendments of 1972. The University is committed to combatting sexual harassment and sexual violence. As a result, you should know that University faculty and staff members who work directly with students are required to report any instances of sexual harassment and sexual violence, to the University's Title IX Coordinator. What this means is that **as your professor, I am required to report any incidents of sexual harassment, sexual violence or misconduct, stalking, domestic and/or relationship**



**violence that are directly reported to me, or of which I am somehow made aware.** There are two important exceptions to this requirement about which you should be aware:

- Confidential Resources and facilitators of sexual awareness programs such as “Take Back the Night and Aspire to beWell” when acting in those capacities, are not required to report incidents of sexual discrimination.
- Another important exception to the reporting requirement exists for academic work. Disclosures about sexual harassment, sexual violence, stalking, domestic and/or relationship violence that are shared as part of an academic project, a research project, classroom discussion, or course assignment, are not required to be disclosed to the University’s Title IX Coordinator. This policy is located at <http://www.clemson.edu/campus-life/campus-services/access/title-ix/>. Ms. Alesia Smith is the Executive Director for Equity Compliance and the Title IX Coordinator. Her office is located at 223 Holtzendorff Hall, phone number is 864.656.3181, and email address is [alesias@clemson.edu](mailto:alesias@clemson.edu).

## 18 Changes to Syllabus

Lecture topics and assignments are subject to change. The course syllabus is a general plan for the course; deviations to the class may be necessary and will be announced to the class by the instructor.

## Course Summary:

Date	Details	Due
Fri May 19, 2023	 <a href="https://clemson.instructure.com/courses/222478/assignments/1817652">DMMT Introduction Quiz - Requires Respondus LockDown Browser + Webcam</a> <a href="https://clemson.instructure.com/courses/222478/assignments/1817652">(https://clemson.instructure.com/courses/222478/assignments/1817652)</a>	due by 11:59pm
Sat Jun 3, 2023	 <a href="https://clemson.instructure.com/courses/222478/assignments/1817677">Assignment: Javascript Events</a> <a href="https://clemson.instructure.com/courses/222478/assignments/1817677">(https://clemson.instructure.com/courses/222478/assignments/1817677)</a>	due by 11:59pm

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 **Assignment: PHP Helloworld** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817682>)

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 **Assignment: Javascript Sort** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817678>)

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Sat Jun 10, 2023

 **Assignment: Moving Buttons** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817680>)

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 **Assignment: Card Object Part 1** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817668>)

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Sat Jun 17, 2023

 **Assignment: Keypress** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817679>)

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 **Assignment: Same Menu ALL Pages** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817683>)

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Mon Jun 19, 2023

 **Program Exam #1** due by 5pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817692>)

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 **Assignment: Card Object Part 2** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817669>)

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Sat Jul 1, 2023

 **Assignment: DMMT #1** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817672>)

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 **Assignment: jQuery** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817685>)

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 **Assignment: AJAX & PHP** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817666>)

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Sat Jul 8, 2023

 **Assignment: DMMT #2** due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817673>)

**Project: Audio Changer**<https://clemons.instructure.com/courses/222478/assignments/1817694>

due by 11:59pm

Sat Jul 15, 2023

**Assignment: PHP File I/O App**<https://clemons.instructure.com/courses/222478/assignments/1817681>

due by 11:59pm

Wed Jul 19, 2023

**Assignment: Final Project Selection**<https://clemons.instructure.com/courses/222478/assignments/1817675>

due by 11:59pm

Sat Jul 22, 2023

**Assignment: Create & Query a DB**<https://clemons.instructure.com/courses/222478/assignments/1817670>

due by 11:59pm

**Assignment: Install a DBMS**<https://clemons.instructure.com/courses/222478/assignments/1817676>

due by 11:59pm

Sat Jul 29, 2023

**Assignment: Create a DB**<https://clemons.instructure.com/courses/222478/assignments/1817671>

due by 11:59pm

**VQ01**<https://clemons.instructure.com/courses/222478/assignments/1817558>

due by 11:59pm

**VQ02**<https://clemons.instructure.com/courses/222478/assignments/1817565>

due by 11:59pm

**VQ03**<https://clemons.instructure.com/courses/222478/assignments/1817538>

due by 11:59pm

Mon Jan 15, 2024

**VQ04**<https://clemons.instructure.com/courses/222478/assignments/1817535>

due by 11:59pm

**VQ05**<https://clemons.instructure.com/courses/222478/assignments/1817559>

due by 11:59pm

**VQ06**<https://clemons.instructure.com/courses/222478/assignments/1817524>

due by 11:59pm

**VQ07**<https://clemons.instructure.com/courses/222478/assignments/1817544>

due by 11:59pm

Thu Jan 18, 2024

**Week 2 Group Assignment:****CSS**<https://clemons.instructure.com/courses/222478/assignments/1817614>

due by 11:59pm

Sat Jan 20, 2024

**DMMT Introduction Quiz**<https://clemons.instructure.com/courses/222478/assignments/1817560>

due by 11:59pm

Thu Jan 25, 2024

**Week 3 Group Assignment:****More CSS**<https://clemons.instructure.com/courses/222478/assignments/1817615>

due by 11:59pm

Sat Jan 27, 2024

**SAMS Chapter 03 Quiz**<https://clemons.instructure.com/courses/222478/assignments/1817519>

due by 11:59pm

**DMMT Chapter 02 Quiz**<https://clemons.instructure.com/courses/222478/assignments/1817554>

due by 11:59pm

**SAMS Chapter 04 Quiz**<https://clemons.instructure.com/courses/222478/assignments/1817536>

due by 11:59pm

Sat Feb 3, 2024

**SAMS Chapter 05 Quiz**<https://clemons.instructure.com/courses/222478/assignments/1817532>

due by 11:59pm

**VQ08 - JSON**<https://clemons.instructure.com/courses/222478/assignments/1817569>

due by 11:59pm

**Assignment: Band Store****Setup**<https://clemons.instructure.com/courses/222478/assignments/1817581>

due by 11:59pm

Sat Feb 10, 2024

**DMMT Chapter 03 Quiz**<https://clemons.instructure.com/courses/222478/assignments/1817570>

due by 11:59pm

**SAMS Chapter 06 Quiz**<https://clemons.instructure.com/courses/222478/assignments/1817517>

due by 11:59pm


 [SAMS Chapter 07 Quiz](https://clemons.instructure.com/courses/222478/assignments/1817564) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817564>)

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 [Read DMMT Chapter 03](#) to do: 11:59pm

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Tue Feb 13, 2024

 [Exam 1: Chapters 1 - 6- Requires Respondus LockDown Browser](https://clemons.instructure.com/courses/222478/assignments/1817571) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817571>)

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Thu Feb 15, 2024

 [Week 6 Group Assignment: Audio](https://clemons.instructure.com/courses/222478/assignments/1817616) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817616>)

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 [Week 6 Group Assignment: Events](https://clemons.instructure.com/courses/222478/assignments/1817617) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817617>)

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Sat Feb 17, 2024

 [DMMT Chapter 04 Quiz](https://clemons.instructure.com/courses/222478/assignments/1817533) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817533>)

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 [SAMS Chapter 08 Quiz](https://clemons.instructure.com/courses/222478/assignments/1817550) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817550>)

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 [SAMS Chapter 09 Quiz](https://clemons.instructure.com/courses/222478/assignments/1817567) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817567>)

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 [DMMT Chapter 05 Quiz](https://clemons.instructure.com/courses/222478/assignments/1817572) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817572>)

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 [DMMT Chapter 06 Quiz](https://clemons.instructure.com/courses/222478/assignments/1817578) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817578>)

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 [SAMS Chapter 10 Quiz](https://clemons.instructure.com/courses/222478/assignments/1817556) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817556>)

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Sat Feb 24, 2024

 [SAMS jQuery learning quiz](https://clemons.instructure.com/courses/222478/assignments/1817515) due by 11:59pm  
(<https://clemons.instructure.com/courses/222478/assignments/1817515>)

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**SAMS Source Code Ch10****Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817514>**Vint Cerf Interview Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817531>

Thu Feb 29, 2024

**AJAX Source Code Quiz**

due by 1:45pm

<https://clemons.instructure.com/courses/222478/assignments/1817551>**PHP Video Learning Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817527>**SAMS Chapter 11 Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817553>

Sat Mar 2, 2024

**SAMS Chapter 12 Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817547>**SAMS Source Code Ch11****Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817516>**SAMS Source Code Ch12****Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817526>**Assignment: AJAX & Handlebars**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817579>**DMMT Chapter 07 Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817523>

Sat Mar 9, 2024

**SAMS Ch13 Source Code****Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817539>**SAMS Chapter 13 PHP**



**Learning Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817563>**SAMS Chapter 14 Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817577>**Group Assignment: Hangman**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817604>**DMMT Chapter 08 Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817540>**SAMS Chapter 15 Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817513>**Group Assignment: Zipcode Distance**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817605>**Exam 2: Chapters 6 - 13- Requires Respondus LockDown Browser**

due by 1:45pm

<https://clemons.instructure.com/courses/222478/assignments/1817530>**SAMS Chapter 16 Quiz**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817566>**Group Assignment: Forms**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817603>**Group Assignment: sessions**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817606>**Group: Dynamic Buttons - Create (extra credit)**

due by 11:59pm

<https://clemons.instructure.com/courses/222478/assignments/1817607>**Group: Dynamic Buttons -**

Sat Mar 16, 2024

Thu Mar 28, 2024

Sat Mar 30, 2024

Tue Apr 2, 2024

Thu Apr 4, 2024

	<a href="https://clemons.instructure.com/courses/222478/assignments/1817608">Drag (extra credit)</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817608">https://clemons.instructure.com/courses/222478/assignments/1817608</a> )	due by 11:59pm
Sat Apr 6, 2024	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817575">DMMT Chapter 10 Quiz</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817575">https://clemons.instructure.com/courses/222478/assignments/1817575</a> )	due by 11:59pm
Tue Apr 9, 2024	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817522">SAMS Database Quiz</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817522">https://clemons.instructure.com/courses/222478/assignments/1817522</a> )	due by 11:59pm
Sat Apr 13, 2024	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817537">DMMT Chapter 11 Quiz</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817537">https://clemons.instructure.com/courses/222478/assignments/1817537</a> )	due by 11:59pm
	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817528">SAMS Ch18 Source Code Quiz</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817528">https://clemons.instructure.com/courses/222478/assignments/1817528</a> )	due by 11:59pm
Thu Apr 18, 2024	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817610">Program Exam #2</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817610">https://clemons.instructure.com/courses/222478/assignments/1817610</a> )	due by 11:59pm
Thu Apr 25, 2024	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817613">Project 3: Collect App Phase 2</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817613">https://clemons.instructure.com/courses/222478/assignments/1817613</a> )	due by 11:59pm
	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817601">Assignment: Usability Testing</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817601">https://clemons.instructure.com/courses/222478/assignments/1817601</a> )	due by 11:59pm
Sat Apr 27, 2024	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817542">Injection Issues Quiz</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817542">https://clemons.instructure.com/courses/222478/assignments/1817542</a> )	due by 11:59pm
	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817545">Performance Issues Quiz</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817545">https://clemons.instructure.com/courses/222478/assignments/1817545</a> )	due by 11:59pm
Tue May 14, 2024	 <a href="#">Read SAMS Chapter 01</a>	to do: 11:59pm
Thu May 16, 2024	 <a href="#">Read DMMT Introduction</a>	to do: 11:59pm
	 <a href="https://clemons.instructure.com/courses/222478/assignments/1817546">DMMT Chapter 01 Quiz</a> ( <a href="https://clemons.instructure.com/courses/222478/assignments/1817546">https://clemons.instructure.com/courses/222478/assignments/1817546</a> )	due by 11:59pm

 [Practice test with lockdown - Requires Respondus LockDown Browser](https://clmson.instructure.com/courses/222478/assignments/1817521) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817521>)

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 [SAMS Chapter 01 Quiz](https://clmson.instructure.com/courses/222478/assignments/1817549) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817549>)

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 [Syllabus Quiz](https://clmson.instructure.com/courses/222478/assignments/1817576) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817576>)

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 [VQ01](https://clmson.instructure.com/courses/222478/assignments/1817634) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817634>)

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 [VQ02](https://clmson.instructure.com/courses/222478/assignments/1817660) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817660>)

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 [VQ03](https://clmson.instructure.com/courses/222478/assignments/1817648) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817648>)

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 [VQ04](https://clmson.instructure.com/courses/222478/assignments/1817640) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817640>)

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 [VQ05](https://clmson.instructure.com/courses/222478/assignments/1817628) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817628>)

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 [VQ06](https://clmson.instructure.com/courses/222478/assignments/1817647) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817647>)

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 [VQ07](https://clmson.instructure.com/courses/222478/assignments/1817656) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817656>)

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 [Prog01: Select Web Host Provider](https://clmson.instructure.com/courses/222478/assignments/1817598) due by 11:59pm  
(<https://clmson.instructure.com/courses/222478/assignments/1817598>)

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 [Prog02: Basic Fixed Fluid Hybrid Layout](#) due by 11:59pm

Sat May 18, 2024

Sat May 25, 2024

<https://clemons.instructure.com/courses/222478/assignments/1817582>

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