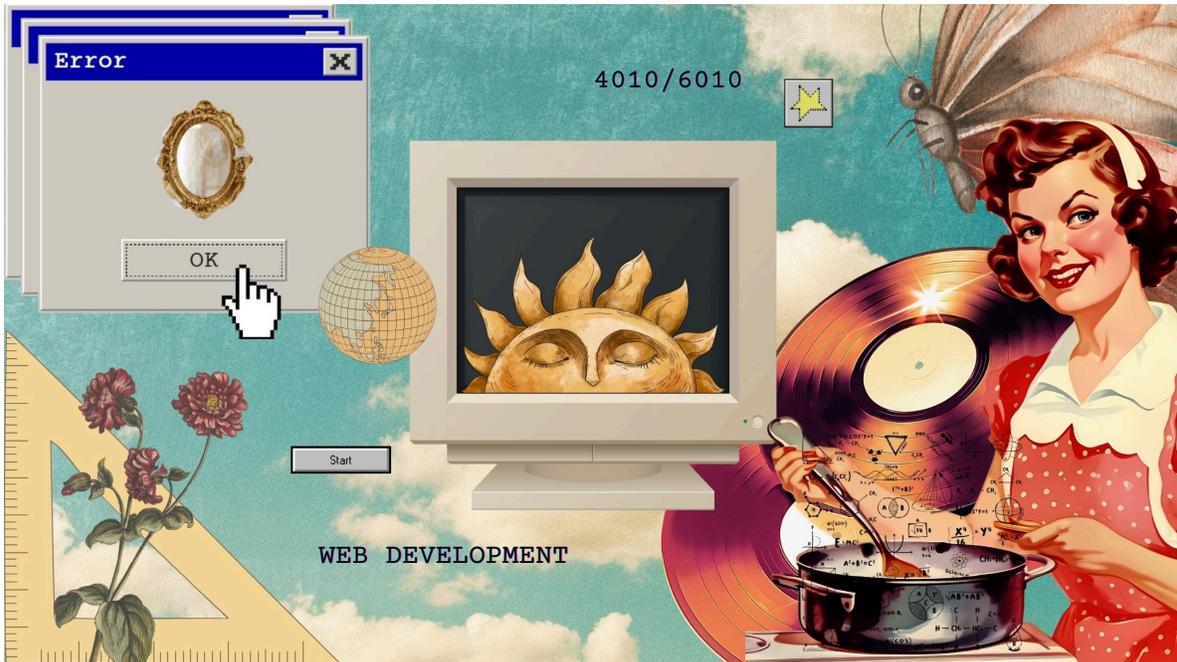


Web Dev

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Syllabus – Fall 2024



OVERVIEW

NMIX 4010 / 6010: Web Development
Fall 2024

Class time: Tuesdays + Thursdays:

- 9:35 a.m. – 10:50 a.m.
- 11:10 a.m. – 12:25 p.m.
- 12:45 p.m. – 2 p.m.

Location: 401 Journalism

Instructor: Claire Jordan

- **Contact:** DM on [Slack](#) / cej29692@uga.edu
- **Office Hours:** Tuesdays and Thursdays 2:30 – 4:00 or by appointment. Students should reach out via Slack or in person to connect for office hours.

PREREQUISITES

Students must either have completed or be concurrently enrolled in NMIX 2010. Students must also have applied to the New Media Institute. Class is offered by POD only.

There is no prerequisite for Emerging Media Masters students.

DESCRIPTION

Design, develop, and code interactive web products that function effectively across multiple platforms through an introduction to front-end web development. No prior coding experience is needed.

LEARNING OUTCOMES

By the end of the semester, you'll be able to:

- Learn foundational web development skills.
- Gain an understanding of foundational web development topics and languages as dictated by industry trends.
- Purchase and configure domain names and web hosting.
- Create websites by hand with HTML and CSS.
- Design responsive websites with front-end frameworks like Bootstrap.
- Develop complex extensible sites powered by a content management system (CMS) like WordPress.
- Develop a professional portfolio showcasing accomplishments and skillsets.

TOPICAL OUTLINE

- Hello world
- HTML & CSS
- Bootstrap
- WordPress

INSTRUCTOR PHILOSOPHY

More than being here to help you learn the subject material, I'm here to help you learn how to learn. I think the things we're talking about in class are incredibly cool, exciting, and worthy of your time, thought, and energy. Hopefully, when you finish the class, you'll have developed a really solid working knowledge of the field *and* know where and how to further your own knowledge and expertise.

We're going to have a lot of fun, but I also expect you to work hard. Work hard at the assignments, sure, but more than that, work hard at understanding the stuff we're talking about, why it matters, and what you can do with it—that's what really matters.

CLASS CULTURE

While our first lesson will walk through many of the attitudes and practices each of you, individually, will need to cultivate to succeed in this class, it's also worth taking some time to talk about what we all should expect from each other.

In short, we'll work to cultivate an atmosphere of curiosity, fun, and professionalism. That means that you can expect me to:

- Create an atmosphere of curiosity and inclusion where everyone feels welcome to bring their authentic selves to class

- Communicate a clear direction for the course as a whole and each class gathering, activity, and assignment
- Work diligently to make all assignments and activities of this class worthwhile

Similarly, I expect each of you to approach each component of the class with an open mind, a diligent work ethic, and respect for your peers and instructors. How? We'll get into the particulars throughout the rest of the syllabus. 😊

TEXTS AND TOOLS

COURSE SITE

All required course materials are available at nmi.cool/webdev.

CLASS EXPENSES

You'll need to purchase a dual USB C + USB A flash drive like [this one](#).

You'll also need \$45 to purchase a domain name and hosting at [Reclaim Hosting](#).

FREECODECAMP

You'll need to create an account at [Free Code Camp](#) to complete and track regular exercises for the course.

SLACK

*Checking Slack regularly is required for the course, so **students are required to install the Slack app on their phones and their desktops.***

(Slack provides excellent options for fine-tuning notifications to help ensure a healthy work-life balance.)

The NMI uses Slack for all communication, from courses to events to requirements to everything in between. Students **must** join the NMI workspace (bit.ly/uganmi) and appropriate channels each semester, before the end of drop/add. You'll need to check Slack on a regular basis, so be sure to install the Slack app on both your mobile device and computer.

NMI-Wide Channels

All NMI students must be in the following channels:

- #update
- #jopps

Program Channels

Students should join all channels that relate to their specific NMI affiliations.

Slack Tip: To add a channel, hover over "Channels" in the sidebar, select the plus icon, and then browse through channels.

- New Media Certificate: #certificate
- Emerging Media Double Dawgs: #doubledawgs
- Emerging Media Masters: #em
- TEDxUGA Student Council: #tedxuga
- NMIXperts: #xperts

Course Channels

For this course, you are required to join #4010e-6010e.

If you've never used Slack before, you can find a good overview of it [here](#).
[footnote](And if you're a real nerd like me, you can [read this post](#) that mirrors some of my thinking on how we'll use Slack.)[/footnote]

*** After you've joined the class Slack, use only Slack—**not email**—to contact me.***

ELC

ELC will be used only to view your grades.

SUMMARY

- This site contains all course readings/videos
- Set aside \$45 to cover registering your domain name and hosting
- You'll do daily work at FreeCodeCamp
- Slack will be our course communication hub
- ELC will be used only for posting grades



ASSIGNMENTS + GRADING

FREE CODE CAMP (FCC) ASSIGNMENTS (15 POINTS)

Completed throughout the semester, these assignments form the foundation of our technical learning. (Assignment page)

PROJECT 1: ARTISANAL HAND-CRAFTED SMALL-BATCH LOCALLY-SOURCED BESPOKE WEBSITE (15 POINTS)

You'll lovingly craft your first site by hand using the HTML & CSS skills you've learned so far. (Project page)

PROJECT 2: BOOTSTRAP TRIPTYCH (15 POINTS)

You'll take three separate passes on the same page to gain a deeper understanding of how to leverage Bootstrap to create beautiful responsive websites. ([Project page](#))

PROJECT 3: WORDPRESS VARIETY PACK (15 POINTS)

Create a WordPress shop using the WooCommerce plugin to explore the wide variety of things you can do with the powerful, popular CMS. ([Project page](#))

NMI DOSSIER (15 POINTS)

Create your NMI Dossier and build its first page—the one for this class! ([Assignment page](#))

FINAL PROJECT (25 POINTS)

Choose from a menu of ambitious projects—or propose your own!—to show off all the skills you've gained in this class. ([Project page](#))

SUMMARY (100 POINTS TOTAL)

Free Code Camp Assignments	15
Project One: Artisanal Hand-crafted Small-batch Locally-sourced Bespoke Website	15
Project Two: Bootstrap Triptych	15
Project Three: WordPress Variety Pack	15
NMI Dossier	15
Final Project	25

Total	100
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GRADING SCALE

95-100	A
90-94.99	A-
87-89.99	B+
83-86.99	B
80-82.99	B-
77-79.99	C+
73-76.99	C
70-72.99	C-
60-69.99	D
59.99 and below	F



SCHEDULE

Note: Projects are due at 11:59 p.m. on the day listed. I will check in on Free Code Camp assignments at the end of each week, but they are all due 10/6 at 11:59 p.m.

Date	Topic	Major Assignments + Dates	Homework
<i>Week 1</i>			

8/1 5 Thurs.	Syllabus overview; getting to know you; computer and account set-up; HTML day one	First day of class	<u>Create Free Code Camp (FCC) account</u> ; go ahead and have a go at installing the <u>course software</u> and <u>setting up your Mac</u> [footnote]If you have one ?[/footnote]
<i>Week 1 (cont.)</i>			
8/20 Tues.	*Claire in D.C.* Work from home HTML day two	Drop / add deadline (Tues. 8/20)	<u>FCC-1</u> ; think about the domain name you'd like to register
8/22 Thurs.	*Claire in D.C.* Work from home HTML day three		Configure Cyberduck on your laptop; <u>FCC-2</u> and <u>FCC-3</u> .
<i>Week 2</i>			
8/27 Tues.	HTML in-person review; CSS day one		<u>FCC-2</u> and <u>FCC-3</u>
8/29 Thurs.	CSS day two + Applied visual design		<u>FCC-2</u> and <u>FCC-3</u>
<i>Week 3</i>			
9/3 Tues.	Applied visual design		<u>FCC-4</u> , <u>FCC-5</u> , <u>FCC-6</u>
9/5 Thurs.	Applied visual design + Applied accessibility		<u>FCC-7</u> , <u>FCC-8</u>

<i>Week 4</i>			
9/10 Tues .	Responsive web design principles		<u>FCC-9</u> , <u>FCC-10</u>
9/12 Thurs.	CSS Flexbox day one	Project One due	Project One due at 11:59 p.m.
<i>Week 5</i>			
9/17 Tues .	Bootstrap day one		
9/19 Thurs.	Bootstrap day two		<u>FCC-11</u> , <u>FCC-12</u>
<i>Week 6</i>			
9/26 Tues .	Work day		<u>FCC-13</u> , <u>FCC-14</u>
9/28 Thurs.	Work day		<u>FCC-15</u>
<i>Week 7</i>			
9/24 Tues .	Project Two – Panel One	Project Two – Panel One	

9/26 Thurs.	Project Two – Panel Two	Project Two – Panel Two	
<i>Week 8</i>			
10/1 Tues.	Work Day	Project Two due	Project Two due at 11:59 p.m.
10/3 Thurs.	Work Day		Free Code Camp due 10/6 at 11:59 p.m.
<i>Week 9</i>			
10/8 Tues.	WordPress Day One + Overview of Second Half of the Semester	Midpoint of semester	
10/10 Thurs.	WordPress Day Two		
<i>Week 10</i>			
10/15 Tues.	WordPress Day Three		
10/17 Thurs.	*Claire in Boston* Work from home WordPress Day Four		
<i>Week 11</i>		Withdrawal deadline	

10/ 22 Tues .	Project Three Work Day		
10/ 24 Thurs.	Project Three Work Day // Final project + dossier overview		
<i>Week 12</i>			
10/ 29 Tues .	Final project + dossier overview // Work day		
10/ 31 Thurs.	Work day		Project Three due Friday at 11:59 p.m.
<i>Week 13</i>			
11/5 Tues .	Final project proposal presentations		
11/7 Thurs.	Work day		
<i>Week 14</i>			
11/12 Tues .	Work day		Final Project Proposal due at 11:59 p.m.
11/14 Thurs.	Dossier + case study rough draft presentations	Dossier + case study	

		rough draft due	
<i>Week 15</i>			
11/19 Tues.	Final project work day		
11/21 Thurs.	Final project rough draft presentations		Last Day of Classes prior to Thanksgiving Break; Final project rough draft due
11/26 Tues.	Thanksgiving Break		
11/28 Thurs.	Thanksgiving Break		
12/3 Tues.	Work day	Last day of class	Final Project + Dossier due 12/3 at 11:59 p.m.



POLICIES

ATTENDANCE AND PARTICIPATION

As you will with much in life, you'll get out of this class what you put into it. You're expected to attend all class meetings. Life, however, is full, and conflicts, illnesses, and extraordinary opportunities may arise. **Therefore, you may miss up to four classes without any direct penalty; I make no distinction between excused and unexcused absences.**

Because missing class affects your ability to be an effective member of our learning community, if you miss more than five classes before the midpoint, you will be dropped from the class. If you accrue more than five absences after the midpoint, your final grade will be reduced by two points for each day of class you miss past the fifth absence.

Students who miss classes or other assignments due to their religious observance will be provided with a fair opportunity to complete their academic responsibilities. However, students must provide us with notice at the start of the semester of the dates of religious holidays on which they plan to be absent.

You're expected to be present in class both mentally and physically.

Ask questions. Take good notes. Don't screw around on your devices. When you work in pairs or in groups, work eagerly and enthusiastically. In short, be the sort of person you'd want to be in class with.

MAKE-UP WORK

You are expected to complete and turn in your work by the due date, and **late work is accepted only at the discretion of the instructor**. If late work is accepted, the **minimum** penalty for the first assignment you turn in late is 10% of its total value per day late (ex: 10-point exam turned in two days late will be penalized a minimum of 2 points). After your first late assignment, each subsequent late assignment will be penalized a **minimum** of 20% of its total value per day (ex: 10-point exam turned in two days late will be penalized a minimum of 4 points).

Late work will not be accepted after the last day of class **(12/3)**.

EMAIL / DIRECT MESSAGES

As I've already mentioned, we're using Slack as the sole tool for our class communication. So, **instead of emailing me, direct message me via Slack**.

So that I can most quickly help those in need of assistance, take the following steps before messaging me:

- Check the syllabus, eLC, previous Slack conversations, the class site, etc. to see if the answer's posted there
- Spend 5-15 minutes (but not any more time than that) trying to solve the problem on your own (via Google, asking a classmate, etc.)
- Ask yourself if the question might be one other students are having, and if so, post it to our class channel on Slack

If you do all of those and still have a question just for me, then by all means direct message me! I'll respond to your questions as quickly as possible, but please allow a reasonable amount of time (generally under 24 hours; 2 business days max) for a response.

Slack allows for communication to be informal and fun, which is great! But, don't forget to communicate professionally, even while having fun.

OFFICE HOURS

In addition to being available through Slack and Zoom throughout the week, I'll also hold open office hours. You're always welcome to come by and see me with any questions or concerns or even just to say hi.

I'll have my Slack notifications on during regular business hours and will respond as quickly as possible. If you have a personal or grade-related question you may direct it to me, but otherwise please DM me and Reagan in a message together.

ACCESS POLICY

If you have a disability and require accommodations, please send me a message on Slack or make an appointment during office hours. If you plan to request accommodations for a disability, visit [the Disability Resource Center website](#) or call 706-542-8719.

SERVICE ANIMALS IN CLASS

Students who train or use service animals should be aware of UGA policy. More info is available [here](#).

NON-DISCRIMINATION POLICY

I do not engage in or tolerate discrimination or harassment on the basis of race/ethnicity, religion, national origin, sex/gender, sexual orientation, age, physical or mental disability, or veteran status. In addition, I do not discriminate on the basis of class, income, or political views. If there is something I can do to make the class more hospitable, please let me know.

HONOR CODE AND ACADEMIC HONESTY

UGA Student Honor Code: "I will be academically honest in all of my academic work and will not tolerate academic dishonesty of others." A *Culture of Honesty*, the University's policy and procedures for handling cases of suspected dishonesty, can be found at www.uga.edu/ovpi. Every course syllabus should include the instructor's expectations related to academic integrity.

Students are expected to adhere to all elements set forth in the University Honor Code and the Academic Honesty Policy. Failure to adhere to these may result in grade sanctions and/or dismissal from New Media Institute Academic Programs.

Read the entire policy online, but the short story is: don't cheat—the punishments for violations of the Academic Honesty Policy are severe. You are expected to do your own work and to report individuals who do not do their own work. As nearly all of the class materials and assignments are online, you may find the temptation to cheat (cheating includes unauthorized sharing of class materials, using unauthorized sources during assessments, and more—seriously, read [this](#) now to get a full sense of what

all constitutes academic dishonesty) even greater than usual. Resist that temptation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

NEW MEDIA INSTITUTE POLICIES

New Media Institute students are responsible for knowing and abiding by all NMI policies. You agreed to these policies upon applying to NMIX courses and will be held accountable for following them. For a refresher on these policies, visit nmi.cool/nmc.

NMI DOSSIER

Throughout your academic journey, you'll create many things you want to show off to the world. Through your NMI classes, you'll develop and build on the skills to create a digital dossier to do so.

In this course, you are required to submit the following Dossier requirement(s):

- *A Case Study*
- *A Professional Portfolio*

Details and requirements for the NMI Dossier can be found at the links below:

Dossier Details

Dossier Details: nmi.cool/portfolio

Dossier Submission: nmi.cool/dossier

Note: *Links do not need to be resubmitted or updated. URLs are up-to-date and functional. If your information needs to be updated, please resubmit the form.*

Earning both the certificate and masters? Oh, you overachiever you! Check out both dossier details above.

SLACK

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NMI-Wide Channels

All NMI students must be in the following channels:

- #update
- #jopps

Program Channels

Students should join all channels that relate to their specific NMI affiliations.

Slack Tip: To add a channel, hover over "Channels" in the sidebar, select the plus icon, and then browse through channels.

- New Media Certificate: #certificate
- Emerging Media Double Dawgs: #doubledawgs
- Emerging Media Masters (residential): #em
- TEDxUGA Student Council: #tedxuga
- NMIXperts: #xperts

Course Channels

For this course, you are required to join #4010e-6010e.

NMI SOCIAL MEDIA

In addition to Slack, the NMI loves to be social. Follow our socials to stay in the know!

- [Follow the NMI](#) and join the [New Media Institute Job Board](#) on LinkedIn
- Like the [New Media Institute](#) on Facebook
- Follow [@nmiuga](#) on Twitter
- Follow [@nmiuga](#) on Instagram

TACO (TECHNOLOGY AND ACCESSORY CHECK OUT)

Introducing the **Technology and Accessory Check Out** (or TACO). New Media Certificate students may check out iMacs, MacBooks, cameras, microphones, and more. To make your request, visit nmi.cool/taco.

RESOURCE WEBPAGE

For more information about Advising, accessing the TACO, meeting with our Xperts, making room reservations, and more visit nmi.cool/resources.

STUDENT SERVICES

As a student at the University of Georgia, you have access to a wide variety of services to help you succeed. [Click here](#) to view a description of services along with links and contact information if you wish to learn more about these topics. Of course, you're also welcome to talk with me if I can help in any way, too.

UGA WELL-BEING RESOURCES

UGA Well-being Resources promotes student success by cultivating a culture that supports a more active, healthy, and engaged student community.

Anyone needing assistance is encouraged to contact Student Care & Outreach (SCO) in the Division of Student Affairs at 706-542-8479 or visit sco.uga.edu. Student Care & Outreach helps students navigate difficult circumstances by connecting them with the most appropriate resources or services. They also administer the Embark@UGA program which supports students experiencing, or who have experienced, homelessness, foster care, or housing insecurity.

UGA provides both clinical and non-clinical options to support student well-being and mental health, at any time, any place. Whether on campus or studying from home or abroad, UGA Well-being Resources are here to help.

- Well-being Resources: well-being.uga.edu
- Student Care and Outreach: sco.uga.edu
- University Health Center: healthcenter.uga.edu
- Counseling and Psychiatric Services: caps.uga.edu or CAPS 24/7 crisis support at 706-542-2273
- Health Promotion/ Fontaine Center: healthpromotion.uga.edu
- Disability Resource Center and Testing Services drc.uga.edu

Additional information, including free digital well-being resources, can be accessed through the UGA app or by visiting <https://well-being.uga.edu>.

COUNSELING AND PSYCHIATRIC SERVICES (CAPS)

College can be stressful. Life has difficult stretches. If you need help, get it. CAPS provides short-term individual counseling, group counseling, couples counseling, crisis intervention, psychiatric evaluation and medication monitoring, and psychological testing, and makes referrals to campus and community resources when appropriate.

EMERGENCY PREPAREDNESS

Verify that your emergency contact information is correct at ugaalert.uga.edu and add 706-542-0111 as "UGAAlert" in your contacts. We

will discuss emergency exit routes on the first day of class.

- If the fire alarm sounds, we will evacuate the building and reassemble outside of the Journalism building on Sanford Drive to make sure that everyone exited safely. Quickly move away from the entrances so as not to hinder first responders.
- If there is a tornado warning, we will move to the first floor and account for everyone.
- In the event of a medical emergency, I will ask one of you to meet EMS responders and bring them to our classroom.

If you have concerns about other emergencies or if you have special circumstances that I need to know about in case of an emergency, please speak to us after class.

CHANGES TO COURSE SYLLABUS

The course syllabus is a general plan; deviations announced to the class by the instructor may be necessary.