

NMIX 5110/7110
Advanced New Media Production
Spring 2020

Class: Online

Journalism 401

Instructor: Emuel Aldridge

Contact: 403E Journalism / emuel@uga.edu

Office Hours Monday, 2 - 4 pm. Tuesday, 11 - 12:30. Wednesday 9 - 10 & 1:30 - 3:30

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Prerequisite:

NMIX 4110 or a comparable course elsewhere

OBJECTIVES

Welcome to Advanced New Media Production (NMIX5110/7110). The goal of this course is to build upon the skills that you developed in 4110/6110 to become a more accomplished web and web application developer.

Students in this class learn advanced features of CSS and HTML5, and receive a thorough grounding in Javascript. This course will also cover the use of APIs (Application Program Interfaces) and databases to develop dynamic websites based on user interaction and data from external sources, and more. Assignments (as in most NMI courses) support the development of a portfolio to showcase the skills acquired in this class to future colleagues and employers.

TARGET AUDIENCE

This class is intended for students with pre-existing web development skills and experience and, ESPECIALLY, a strong interest in web development, who want to become more proficient web developers. This is not an easy class but dedicated students who work hard can expect to leave it with an enhanced set of potentially marketable skills.

INSTRUCTOR PHILOSOPHY

I firmly believe that the best way to learn hard skills such as web development is through direct engagement. The structure of this course is very 'hands on' because of that belief and class time is largely devoted to actual web development rather than lecture.

My job as an instructor is to do everything in my ability to make this journey a success for all of us. Your job as a student is essentially the same. Enjoy.

REQUIRED MATERIALS

This class uses a free workbook that resides online at <http://ap.mynmi.net> and also draws heavily on free lessons and resources from the [Mozilla Development Network](#), freecodecamp.org, and vuemastery.com.

This course also requires a hosting account which many of you will already have. If not, I will help you find cost-effective hosting options that should cost no more than \$30 per year.

- **Text editor.** Unless you prefer another code editor, I encourage you to use Adobe Brackets, an open source editor that was developed specifically for web development and coding, and is available in Mac, Windows, and Linux versions. Download it for free at <http://brackets.io/>
- **FTP Client.** FTP Clients are used to transfer files from your computer to a web server. Most of my students use Cyberduck which is available in Mac and Windows versions at <https://cyberduck.io/?l=en>. For the Linux OS I

recommend Filezilla but, as I stated, you can use whatever you want. Transmit, by the way, is a great FTP client but it's not free.

- **Image editor.** About the only thing we use an image editor for in this course, is for cropping, resizing, or changing the file type. Macs come with a program called Preview that works fine for these tasks. Windows comes with a photos app that also has editing capabilities. Free image editors are also available for Linux and there are some surprisingly good ones online.

Course Schedule

The course schedule is available on ELC

Course Outline

This course has four major functional divisions: CSS/HTML, Javascript/APIs, Javascript Frameworks, and Miscellaneous. Specific dates for the exercises and assignments in each section are outlined on ELC.

Section one, CSS/HTML, is to a large degree a refresher that revisits much of the same materials that you learned in 4110 or a similar course elsewhere, but also goes into more depth.

Section two, Javascript/APIs, is exactly as implied by the title. A deep dive into Javascript followed by an application of the same Javascript skills to draw on APIs as a source for web content.

Section three, Javascript Frameworks, focuses on the use of the Vue.js framework to create dynamic web applications.

Section four, Miscellaneous, consists of 'one-off' lessons about areas such as version control (git), Ecommerce, and SEO that are not obvious fits for the previous three sections.

Make-Up Work

You are expected to complete and turn in your work by the due date. Late assignments will be accepted only at the instructor's discretion. Assignments will lose points for every day missed, including weekends. All homework assignments are due by the Monday after the week they are posted in. For example, a homework assignment for week 1, August 24, is due by Monday, August 31. Projects will have a completion date assigned to them on ELC. The final project is due on the date of your final exam. The course also includes weekly quizzes based on homework reading assignments.

Assignments and Grading

Assignment	Points
Many Homework Exercises	20 total
5 Quizzes	10 total
6 Graded Projects during semester	40 total
Final Project	20
Portfolio	10

Grading Scale

A	100-95	C+	79-77
A-	94-90	C	76-74
B+	89-87	C-	73-70
B	86-84	D	69-66

B-	83-80	F	65 and Below
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Attendance and Participation

I am still sorting out the attendance policy but will have one posted here by the first day of class.

UGA Honor Code

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.

Academic Honesty

The UGA academic honesty policy is available at:

<https://honesty.uga.edu/Academic-Honesty-Policy/> . Their document talks a good bit about plagiarism. In this course you will not have the opportunity to plagiarize written materials because there is no writing assignment. You will, however, have a couple of open ended projects, in particular the final project, where you have a lot of freedom as to topic and focus. It is fine to look at other people's work and code samples for inspiration and assistance, but it is not acceptable to copy someone else's project verbatim. If you have specific questions about how this policy may apply to a given project, just ask me.

Mental Health and Wellness Resources

If you or someone you know needs assistance, you are encouraged to contact Student Care and Outreach in the Division of Student Affairs at 706-542-7774 or visit <https://sco.uga.edu>. They will help you navigate any difficult circumstances you may be facing by connecting you with the appropriate resources or services.

- UGA has several resources for a student seeking mental health services (<https://www.uhs.uga.edu/bewelluga/bewelluga>) or crisis support (<https://www.uhs.uga.edu/info/emergencies>).
- If you need help managing stress anxiety, relationships, etc., please visit BeWellUGA (<https://www.uhs.uga.edu/bewelluga/bewelluga>) for a list of FREE workshops, classes, mentoring, and health coaching led by licensed clinicians and health educators in the University Health Center.
- Additional resources can be accessed through the UGA App."

NMI Social Media

No matter which social media platforms you're active on, the NMI is there. The NMI posts student highlights, important timely announcements, details about upcoming events, job opportunities, and other content you won't want to miss. No Tik Tok dancing involved.

- Join the [New Media Institute Job Board](#) on LinkedIn
- Like the [New Media Institute](#) on Facebook
- Tweet at [@nmiuga](#) on Twitter
- Follow [@nmiuga](#) on Instagram

 linkedin.com

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500 million+ members | Manage your professional identity. Build and engage with your professional network. Access knowledge, insights and opportunities.

 twitter.com

[New Media Institute \(@nmiuga\) | Twitter](#)

The latest Tweets from New Media Institute (@nmiuga). UGA's New Media Institute: Exploring the critical, commercial, and creative dimensions of innovative digital media technology since 1999. #myNMI. Athens, GA

 instagram.com

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Welcome back to Instagram. Sign in to check out what your friends, family & interests have been capturing & sharing around the world.

Changes to Course Syllabus

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

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. Need a policy refresher?

Certificate: mynmi.net/certificate/

EM: mynmi.net/em/

EMO: mynmi.net/emonline/

No matter which social media platforms you're active on, the NMI is there. The NMI posts student highlights, important timely announcements, details about upcoming events, job opportunities, and other content you won't want to miss.

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Portfolio Assignment *

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 portfolio to do so. See below to find your portfolio assignment.

- New Media Certificate: mynmi.net/cert-portfolio
- Emerging Media Masters: mynmi.net/em-portfolio
- Not a certificate or masters student? Don't worry! We have you covered with this Alternative Portfolio assignment: mynmi.net/alt-portfolio
- Earning both the certificate and masters? Oh, you overachiever you! Check out *both* portfolio details above.

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COVID Information for 2020-2021

Attendance: Attendance will be tracked in all New Media Institute courses and may be reported to Grady College Leadership.

Mask Requirements: As with the rest of the University, masks are required in all New Media Institute classes, lab spaces, conference spaces, co-working spaces, and faculty offices. Eating and drinking is also prohibited in these spaces. Masks are to be properly worn, covering both nose and chin.

Cleaning Procedures: All students must clean their workstation upon arrival. Sanitize the desk surface in all rooms and the mouse and keyboard in labs.

NMI Doors: To increase airflow and reduce contact, doors must remain open to all New Media Institute classrooms, lab spaces, conference spaces, and co-working spaces. Some doors will be single directional. Please use each door appropriately.

Assigned Seating: Assigned seating will be required in all New Media Institute classes. Your permanent seat will be assigned during the first week.

DawgCheck: Please perform a quick symptom check each weekday on DawgCheck—on the UGA app or website—whether you feel sick or not. It will help health providers monitor the health situation on campus:

<https://dawgcheck.uga.edu/>

What do I do if I have symptoms? Students showing symptoms should self-isolate and schedule an appointment with the University Health Center by calling 706-542-1162 (Monday-Friday, 8 a.m.-5 p.m.). Please DO NOT walk-in. For emergencies and after-hours care, see <https://www.uhs.uga.edu/info/emergencies>.

What do I do if I am notified that I have been exposed?

Revised Guidelines for COVID-19 Quarantine Period

Effective Jan. 4, 2021, students who learn they have been directly exposed to COVID-19 but are not showing symptoms should self-quarantine for 10 days (consistent with updated Department of Public Health (DPH) and Centers for Disease Control and Prevention (CDC) guidelines). Those quarantining for 10 days must have been symptom-free throughout the monitoring period. Please

correspond with your instructor via email, with a cc: to Student Care & Outreach at sco@uga.edu, to coordinate continuing your coursework while self-quarantined.

We strongly encourage students to voluntarily take a COVID-19 test within 48 hours of the end of the 10-day quarantine period (test to be administered between days 8 and 10). Students may obtain these tests at Legion Field (<https://clia.vetview.vet.uga.edu/>) or at the University Health Center by calling 706-542-1162 (Monday-Friday, 8 a.m.-5 p.m.). Please DO NOT walk-in the University Health Center without an appointment. For emergencies and after-hours care, see <https://www.uhs.uga.edu/info/emergencies>.

If the test is negative, the individual may return to campus, but MUST continue to closely monitor for any new COVID-19 symptoms through 14 days. DawgCheck is the best method for monitoring these symptoms. If new symptoms occur, the individual must not come to campus and must seek further testing/evaluation.

If the test is positive at the end of the 10-day period, the individual must begin a 10-day isolation period from the date of the test.

How do I participate in surveillance testing if I have NO symptoms? We strongly encourage you to take advantage of the expanded surveillance testing that is being offered from January 4 – 22: up to 1,500 free tests per day at Legion Field and pop-up locations. Testing at Legion Field can be scheduled at <https://clia.vetview.vet.uga.edu/>. Walk-up appointments can usually be accommodated at Legion Field, and pop-up saliva testing does not require pre-registration. For planning purposes, precise sites and schedules for the pop-up clinics are published on the UHC's website and its social media as they are secured: <https://www.uhs.uga.edu/healthtopics/covid-surveillance-testing>.

What do I do if I test positive? Any student with a positive COVID-19 test is required to report the test in DawgCheck and should self-isolate immediately. Students should not attend classes in-person until the isolation period is completed. Once you report the positive test through DawgCheck, UGA Student Care and Outreach will follow up with you.