

Foundations of Interactive Media

187.002 FALL 2018

MW 10:00 a.m. to 11:45 p.m. | Classroom: CA58

Final Exam: Friday, December 14th at 8AM

Instructor

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Office Hours

Before class and by appointment

Course Description

Multimedia authoring tools provide communicators with some of the most powerful and effective storytelling options available. Understanding these tools is essential for anyone who plans a successful career in the media industry. The goal of this class is to help you gain knowledge of both designing and coding online communications. You will examine and understand the value of multimedia in the journalism industry and begin to develop the skills to execute your ideas.

Course Format

This course will consist of four interactive media projects and a student presentation on an interactive product; quizzes, assignments, critiques and class discussions. The course uses flipped classroom content and lecture when necessary.

Course Progression

Part I: User Experience: Content Strategy, Information Architecture, User Interface, Design

Part II: HTML & CSS

Part III: Content Management Systems and Javascript

Attendance

This course is demanding, and skills will be taught in each session that you will need to proceed with your assignments. Missing a class will leave you behind. Therefore, attendance is required, participation is expected and deadlines are absolute.

Each student will be allowed one unexcused absence. Additional unexcused absences will result in a reduction in your final grade. Excused absences (doctor's note or cleared with me in advance) do not affect your grade.

Additionally, you are expected to arrive to class on time. Arriving more than 15 minutes late or leaving more than 15 minutes early will count as an absence.

Class Expectations

Most class sessions will consist of lecture/demonstration and lab time used to work on the current assignment. Students should plan on spending a generous amount of additional lab time outside of class to complete readings, tutorials and assignments. You are expected to come to every class on time, interact with your classmates and the instructor, and work hard inside and outside of lab.

Once class has started, you are expected NOT to check your cell phone or browse non-course related websites during class. This is distracting to students around you and to the instructor. Failure to do so will lower a student's participation grade.

Also, please be aware that you will be working in a computer lab filled with expensive equipment. Therefore drinks and food are not allowed on desks next to computers.

Course Materials

Website domain (around \$10)

Website hosting with Hostgator or another server (around \$10/month for two to three months)

Software and Training

We will be using several applications that are part of the Adobe Suite including Experience Design, Photoshop, and Illustrator. In addition, we will use several web-based applications and tools that are industry standards.

We will use Lynda.com and other free tutorials throughout the semester.

Projects

There will be four main projects during this course.

1. The first one will challenge you to design a website using Adobe Experience Design that demonstrates sound design techniques that we will discuss in class.
2. The second project will expand on the first by asking you to both design and develop a website using HTML and CSS.
3. The third will challenge you to create your own personal portfolio website using WordPress.

4. The final project will be an interactive website using Javascript, Google Charts, and incorporating design skills with HTML and CSS.

Additional information about all of these projects will be provided during class.

In-class exercises and quizzes

In-class exercises will cover the reading assignments and material pertaining to the particular week's lessons. There may also be a couple unannounced quizzes on reading assignments and class discussion. If you keep up with the reading assignments and pay attention in class, the quizzes should be easy to complete.

Website Critique

You will be asked to critique and lead a discussion about a professional multimedia project of your choosing for the class. More specifics about the requirements of this presentation and the accompanying paper will be provided during class.

Assessment

Your success in this course will be determined by participation as well as completion and effort on assignments. There will be smaller assignments, quizzes and four main projects throughout the semester.

It is also important that you share your work during critiques and informal class discussions. Failure to do so will lower your participation grade.

Grading

Participation: 10%

Assignments and Quizzes: 15%

Website critique: 10%

Projects: 65%

Grading Scale

94% and higher: A

90-93: A-

87-89: B+

84-86: B

80-83: B-

77-79: C+

74-76: C

70-73: C-

69-60: D

59% or below: F

Schedule for Fall 2018 (subject to change)

Week 1

Introduction and UX Basics

Week 2

Web Design

Week 3

Layout and Grid Basics

Week 4

HTML

Week 5

HTML and CSS

Week 6

CSS GRID and Flexbox

Week 7

PROJECT 2

Week 8

FTP and Web Hosting

Week 9

Wordpress

Week 10

Wordpress

Week 11

Wordpress

Week 12

JAVASCRIPT

Week 13

JAVASCRIPT

Week 14

JAVASCRIPT

Week 15

Publish

Honor Code

I expect that each student will conduct himself or herself within the guidelines of the University honor system (<http://honor.unc.edu>). All academic work should be done with the high levels of honesty and integrity that this University demands. You are expected to produce your own work in this class. If you have any questions about your responsibility or your instructor's responsibility as a faculty member under the Honor Code, please see the course instructor or Senior Associate Dean Charlie Tuggle, or you may speak with a representative of the Student Attorney Office or the Office of the Dean of Students.

Seeking Help

If you need individual assistance, it's your responsibility to meet with the instructor. If you are serious about wanting to improve your performance in the course, the time to seek help is as soon as you are aware of the problem – whether the problem is difficulty with course material, a disability, or an illness.

Diversity

The University's policy on Prohibiting Harassment and Discrimination is outlined in the 2011-2012 Undergraduate Bulletin <http://www.unc.edu/ugradbulletin/>. UNC is committed to providing an inclusive and welcoming environment for all members of our community and does not discriminate in offering access to its educational programs and activities on the basis of age, gender, race, color, national origin, religion, creed, disability, veteran's status, sexual orientation, gender identity, or gender expression.

Special Accommodations

If you require special accommodations to attend or participate in this course, please let the instructor know as soon as possible. If you need information about disabilities visit the Accessibility Services website at <https://accessibility.unc.edu/>

Accreditation

The School of Media and Journalism's accrediting body outlines a number of values you should be aware of and competencies you should be able to demonstrate by the time you graduate from our program. Learn more about them here: <http://www2.ku.edu/~acejmc/PROGRAM/PRINCIPLES.SHTML#vals&comps>

No single course could possibly give you all of these values and competencies; but collectively, our classes are designed to build your abilities in each of these areas. In this class, we will address a number of the values and competencies, with special emphasis on the last six bullet dots under "Professional values and competencies" in the link above.