



**INFORMATION TECHNOLOGY EDUCATION**  
**Programming and Analysis**  
**Course Syllabus**

<b>Course Title and Number:</b> Web Authoring 2, CGS1821.OM1	<b>Instructor:</b> Elizabeth Drake	
<b>Year and Term:</b> Fall 2018	<b>Course Credits:</b> 03	<b>Office Location:</b> N-211
<b>Office Phone:</b> 352.381.3829	<b>Office Hours:</b> See my home page	<b>Class Location:</b> Online/Canvas
<b>Meeting Time/Days:</b> online	<b>Email Address:</b> <a href="mailto:elizabeth.drake@sfcollge.edu">elizabeth.drake@sfcollge.edu</a>	
<b>Web Page Address:</b> <a href="http://home.ite.sfcollge.edu/~elizabeth.drake/">http://home.ite.sfcollge.edu/~elizabeth.drake/</a>	<b>Fax Number:</b> 352.395.4154	

**Course Description** This course picks up where CGS1820 left off. Students will learn advanced HTML5 and CSS3 techniques. The course begins with learning about tables. Forms are covered in depth. Students also learn to add audio and video to websites, to format websites for printing, and to use Web fonts to ensure consistency across various browsers. Other enhancements include CSS3 transitions, transforms, animations, and filters. Various layouts for mobile development are addressed, including FlexBox and Grid Layout. There is an emphasis on website design as well as technique. An introduction to JavaScript and jQuery may be presented, time permitting.

**Prerequisites** CGS1820 with a grade of C or better

**Course Objectives Reflecting Expected Student Learning Outcomes**

- Create a multi-page website using an industry-standard folder structure
- Create a form using various form controls, including advanced controls such as the email, url, tel, date, search, and color controls with HTML5 features for data validation
- Add tables, audio, and video to a website
- Embed Web fonts and format a webpage for printing
- Use CSS3 transitions, transforms, animations, and filters
- Use various methods for responsive web design including FlexBox and Grid Layout
- Present a complete individually designed website that employs all the features learned and emphasizes best practices in web design

**Grading** **Course Requirements:**  
Students who need reasonable accommodation should contact the instructor or call the Disability Resources Center at 352-395-4400.

**Policies on Missed Exams and Late Work:**

At the end of the semester your instructor will identify which one grade of the Case Study homework assignments or the three exams most negatively affects your semester grade and that grade will be dropped. If you miss an exam or do not turn in a homework, that can be your dropped grade.

Exams are released to you to take online, at your convenience, over a period of several days. Your instructor will tell you when the exam will be available. Once that period ends, the answers are released so there can be no extensions. Therefore, *we encourage you not to wait until the last minute* because, if you have an emergency on the last day of an exam's availability, you cannot get an extension. If you miss an exam, that can be your dropped grade. The three exams count for 35% of your semester grade.

Homework due dates are posted at the beginning of the semester. Once a homework due date has passed, your instructor will release the correct solution. All sections of this course have the same due dates. Since the solutions are posted after the due date, *late work cannot be accepted for any reason*; to allow you to submit work once the answers are available is simply silly. All work is uploaded to our server. *We strongly encourage you not to wait until the last minute* to submit work because this is the time emergencies happen, computers crash, etc. ***Remember: the due date is the last date you can submit an assignment; it is not the only date!*** You are always welcome to submit work early. If you miss a homework, that can be your dropped grade. The homework assignments count for 35% of your semester grade.

Part of your grade is based on lab assignments that you submit for a grade. In an on-campus class you may be required to complete these or at least start them during class to get credit for them. These are called the Town Hall projects. At the end of the semester, the percentage of the Town Hall projects that you submitted will be your grade for this part. This part counts for 15% of your semester grade.

At the end of the semester you will submit a Final Project. This will be a complete web site you create from scratch, using guidelines supplied to you during the course. You will also be required to review some of your colleagues' sites. There is no final exam. The Final Project cannot be your dropped grade and it counts for 10% of your semester grade. The site reviews count for 5% of your semester grade.

## Grading Scale and Standards:

Grade Scale	
90 - 100	A
87 - 89.9	B+
80 - 86.9	B
77 - 79.9	C+
70 - 76.9	C
67 - 69.9	D+
60 - 66.9	D
< 60	F

Grade Calculation	
Lab work	15%
Homework	35%
Exams	35%
Final Project	10%
Final Project Reviews	5%
Total	100%

## Important Information

All sections of this course will use Canvas. This is where you will go to get assignments, check due dates, take your exams, upload work, communicate with your instructor and classmates, and participate in discussions. You must log on to Canvas at least twice a week and check for any new information and/or updates.

All of the work for this class will be uploaded to either Canvas or uploaded to the ITE server. Since you are uploading work via the Internet, it is important not to wait until the last minute. Computers crash, you may have ISP problems, etc. These issues will *not* be accepted as excuses for late work. It is your responsibility to make sure your work is uploaded on time.

**Please note:** There may be homework assigned in this course that will not be collected or graded. The purpose of this work is to ensure that you learn the material so you will be prepared for the exams and to do the graded homework. You will be expected to take responsibility for learning the material and demonstrate that knowledge by your performance on exams and assignments.

**Please note:** You have one week from the time a homework or exam grade is posted to contest your grade. You must make your case for

points you think you deserve in writing through Canvas email. After that time, your grade will stand.

Assignments must be organized and submitted following the course guidelines and in the specified format. Methods other than those specified are not acceptable. Files *must* be named as specified in each assignment. When the instructor grades your work, he/she must be able to find it easily. This means the file must be uploaded to the exact area specified in each assignment and must be named as specified in each assignment.

If you are working on assignments at home, it is your responsibility to maintain your computer system. Requirements cannot be waived due to problems with your hardware, software, or Internet connection. Campus labs can be used to complete your work.

**Important note:** You *must* create your website by hand, using only the tools and skills learned in this class and the previous course. Using third-party development tools such as Bootstrap or Sass is not permitted. *If you use any of those tools for your homework or final project, you will receive no credit at all.*

## Text(s)

### Required Text(s), Title(s), Author(s) and Edition(s):

- *Murach's HTML5 and CSS3, 4th Edition*, by Anne Boehm and Zak Ruvalcaba, Murach Pub. ISBN: 978-1-943872-26-8
- *Electronic Lab Manual for Murach's HTML5 and CSS3*, by Anne Boehm and Zak Ruvalcaba, VitalSource eBook, ISBN: 978-943872-32-9

### Optional Text(s) and Materials:

Supplementary Material: All assignments and other materials, like the Lab Manual, tutorials, and links to supplementary readings, will be available on Canvas. You can print any assignment, activity or reference if you wish.

## Required Course Materials

### Software requirements:

You will need an HTML editor such as Brackets, Notepad++, TextWrangler, Sublime, or any simple text editor. That's all you really need. You can use one of several free downloadable HTML editors like Brackets or Notepad++ but you cannot use a web page editor. No expensive software is required. **Note:** an HTML editor is *not* the same as a web page editor. If you use a web page editor like Word or Front Page or a third-party development tool like Bootstrap to complete your assignments, you will receive no credit at all.

You also need an FTP client to upload your work to the server. There are many free FTP programs available and, while your instructor can help you find one, you are responsible for making sure you can use it. We recommend the use of Filezilla.

### Term Calendar

*(Tentative: The instructor reserves the right to alter dates of presentations and exams/projects.)*

### Topics to be Covered:

Module 1	Introduction to the Course and text Review: Comments, documentation, links
Module 2	Working with tables Chapter 12
Module 3	Working with forms Chapter 13
Module 4	Using audio and video on a website Chapter 14
Exam 1	
Module 5	Designing a website Chapter 17
Module 6	Using Web fonts and formatting for printing Chapter 15
Module 7	CSS3 transitions, transforms, animations, & filters Chapter 16
Exam 2	
Module 8	Using responsive web design (RWD) (Review) Chapter 8
Module 9	Using Flexible Box for mobile layout Chapter 9
Module 10	Using Grid Layout Chapter 10
Exam 3	
Module 11	Final Project Final Project Reviews



## INFORMATION TECHNOLOGY EDUCATION

### Policies and Guidelines

*Please note that components marked with asterisk (\*) require specific language.*

#### Cell Phone Use Policy

Given the disruptive potential posed by cell phones, students are required to keep cell phones off during class lectures. Use of cell phones during lab exercises is permissible, but please consider those around you.

#### \*Children in the Classroom

Children represent a disruptive element for the classroom. They also increase the risk of accidents. For those reasons, children should not be brought to either the classroom or the

laboratory.

**\*Academic Honesty: Plagiarism And Cheating**

Academic honesty is expected, and the instructor reserves the right to respond to cheating, plagiarizing, or other forms of unethical behavior with penalties up to and including removal from the class and/or failure in the course. The instructor reserves the right to make necessary adjustments to the syllabus.

**\*Academic Ethics and Confidentiality**

It is the responsibility of everyone engaged in the learning experience to respect the rights and feelings of their fellow learners. Information gathered in the classroom and from on-line discussions and exercises is to be considered confidential. At the same time, students must recognize that the instructor and the College cannot guarantee the confidentiality of what the student may choose to disclose. Students must use their own discretion when engaging in classroom discussion.

**\*Classroom Behavior**

Instructors have the responsibility to set and maintain standards of classroom behavior appropriate to the discipline and method of teaching. Students may not engage in any activity which the instructor deems disruptive or counterproductive to the goals of the class. Instructors have the right to remove offending students from class. Repetition of the offense may result in expulsion from the course. Students are expected to be courteous to others and that includes coming to class on time.

**\*Student Rights and Responsibilities**

The purpose of this document is to provide students with a general overview of both their rights and responsibilities as members of the Santa Fe College community. For a complete list of students' rights and responsibilities go to:

<http://www.sfcollege.edu/studentaffairs/student-rights/index>

**\*Americans with Disability Act – Disability Accommodation Statement**

If you are a student with a disability: In compliance with Santa Fe College policy and equal access laws, I am available to discuss appropriate academic accommodations that you may require as a student with a disability. Requests for academic accommodations need to be made during the first week of the semester (except for unusual circumstances) so arrangements can be made. You must be registered with Disabilities Resource Center (DRC) in S-229 for disability verification and determination of reasonable academic accommodations. For more information, see

[http://www.sfcollege.edu/student/drc/index.php?section=faculty\\_resources/rights\\_responsibilities](http://www.sfcollege.edu/student/drc/index.php?section=faculty_resources/rights_responsibilities)

**\*Discrimination/Harassment Policy**

SF prohibits any form of discrimination or sexual harassment among students, faculty and staff. For further information, refer to College Rule 2.8 at

[https://www.sfcollege.edu/Assets/sf/rules/pdfs/Rule\\_2/2\\_8.pdf](https://www.sfcollege.edu/Assets/sf/rules/pdfs/Rule_2/2_8.pdf)