Basic Course Information

Semester:	**Fall 23**	Instructor Name:	**Andres David Martinez**
Course Title & #:	**CIS 137: Web Dev Tools**	Email:	**Andres.martinez@imperial.edu**
CRN #:	**10086**	Webpage (optional):	
Classroom:	**Online**	Office #:	**802c**
Class Dates:	**8/14/23 – 12/9/23**	Office Hours:	**By appointment only. Zoom ID: https://cccconfer.zoom.us/my/famous**
Class Days:	**Online**	Office Phone #:	**760-355-6126 Cell/Text #: 760-554-7949**
Class Times:	Online	Emergency Contact:	**Tisha.nelson@imperial.edu**
Units:	3 units	Class Format:	Online

Course Description

Planning, designing and building professional quality Web pages taking into account customers' needs. Includes text formation and selection; use of tables, layers, sounds, images, and video to be placed into the Web sites; use of templates; use of Cascading Style Sheets (CSS); use of color and color combinations; development and use of rollovers, behaviors and automating repetitive tasks.; creating forms for visitor surveys, guest books, online shopping, and other types of data collection. Also includes basics of Scripts and Scripting languages such as JavaScript and skills for managing Web sites. Covers core objectives for industry certification. (CSU)

Student Learning Outcomes

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Design, develop, and present a business orientated website (ILO1, ILO2,ILO4, ILO5)
2. Ability to utilize embedded YouTube videos and embedded playlists to create a media rich website. (ILO 4)
3. Ability to utilize Widgets to include a CSS-based image gallery in a website. (ILO4)
4. Ability to deploy and modify tables to format a website (ILO4)

Course Objectives

Upon satisfactory completion of the course, students will be able to:
1. Recognize defining points in the history of the Internet and Web authoring tools.
2. Analyze differences in the value of using html coding in contrast to using interface-based authoring tools.
3. Plan, design and build a basic Website following a logical plan that includes setting up a local site and using appropriate navigation schemes.
4. Demonstrate appropriate use of the basic features of Panels and Inspectors.
5. Explore and determine the best use of fonts in text layouts appropriate to customers' needs and Website aesthetics.
6. Demonstrate basic ability to create and modify images for Web use.
7. Demonstrate use of tables and layers for aligning text and images.
8. Create hyperlinks in between Web pages, internal and external Websites.

9. Demonstrate how to upload a Web site to an external Web container.

10. Distinguish between customers' Web site needs, wants and aesthetic requirements.

11. Determine the best use of fonts and characters as well as paragraph formatting and placing within a Web page.

12. Produce and apply to a Web page a Cascading Style Sheet that will incorporate various features of text and paragraph formatting.

13. Demonstrate use of advanced features of Panels and Inspectors.

14. Prepare rollover images and insert in a Web page; prepare sounds and videos and insert in a Web page.

15. Create a template and update pages link to it.

16. Implement style classes using various style definitions and attributes.

17. Create and implement a Form using various form attributes.

18. Demonstrate good use of scripts in particular JavaScript and Animation.

19. Demonstrate good Web site management skills.

20. Create and implement a private or commercial Web site using skills learned

21. Introduce student to popular content management systems.

22. Utilize content management systems to produce and maintain industrial standard websites.

23. Install a content management system and learn how to organize content within the context of the content management system.

24. Learn how to extend content management systems using freely available programs that add additional functionality; including forums, slide-shows, blogs, social networks, and calendars.

25. Installing and modifying content management system templates.

Textbooks & Other Resources or Links

The book is optional. We will be looking at several different web-based applications for developing websites.

Adobe Creative Team (2019). *Adobe Dreamweaver CC Classroom in a Book. 2019 Release* Adobe Press. ISBN-13: 978-0135262146
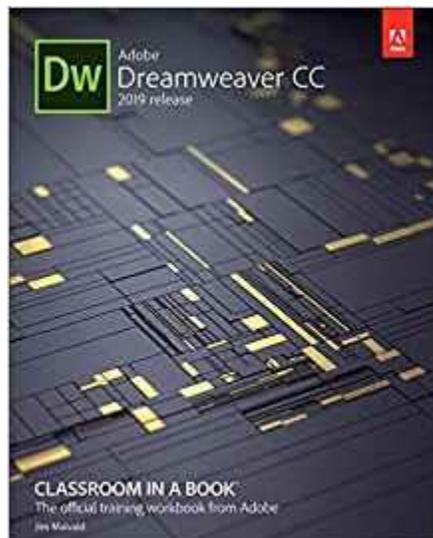
Please note: You can download Microsoft Office 2016 for free from your IVC @students.imperial.edu email account. Once logged into IVC email address go to Avatar (top right) > View Account > Office apps (lower left) > Install Office.

Course Requirements and Instructional Methods

We will be using Canvas to conduct this class online.

Logging into Canvas
   a. Go to https://www.imperial.edu/students/canvas/ and follow the login instructions to login.
   b. Once logged in, click on the course OR click on 'Courses' on the left menu and click on 'All Courses' to view your courses.
   c. Read the course syllabus.
   d. Read the document under Week 1 entitled "Week 1 Online Things to Do." This outlines exactly what you have to do and by when you have to do it for Week 1.
   e. Become familiar with the course

The online version of this course is not self-paced. There are strict deadlines that need to be met every week. You will be given a list of weekly deliverables that you will be responsible for. You can find these under the appropriate weekly heading (ie. Week 1 Things To Do). Any questions you may have about the course can be posted in the 'Ask the Instructor' forum inside Canvas.

You must have access to a computer. The computer must have access to the Internet. You will also need access to a computer that has Microsoft Office installed on it (MS Word, Excel, and PowerPoint).

Course Grading Based on Course Objectives

Grading Scale

	90 –100%	A
Attendance/Discussions.. 20%	80 – 89%	B
Assignments 50%	70 – 79%	C
Final Project 30%	60 – 69%	D
	Below 60	F

Course Policies

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.
- Attendance:

- o A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
- o Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
- o Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Academic Honesty

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question. Anyone caught cheating will receive a zero (0) on the exam or assignment and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following:
  - o plagiarism
  - o copying or attempting to copy from others during an examination or on an assignment;
  - o communicating test information with another person during an examination;
  - o allowing others to do an assignment or portion of an assignment
  - o use of a commercial term paper service

IVC Student Resources

IVC wants you to be successful in all aspects of your education. For help, resources, services, and an explanation of policies, visit http://www.imperial.edu/studentresources or click the heart icon in Canvas.

Anticipated Class Schedule/Calendar

TBA

Subject to change without prior notice