

ARTICULATION AGREEMENT

DATE DRAFTED: January 25, 2023

VALID ACADEMIC YEAR: FA22-SP24

LMC COURSE: COMSC-030 "Web Site Development – Part 1"

HIGH SCHOOL COURSE: Web Design

School: Deer Valley High School

Address: 4700 Lone Tree Way, Antioch, CA 94531

- A. COLLEGE COURSE DESCRIPTION:** This course provides an introduction to web site development. The course uses a workshop approach, illustrating key features with practical hands-on examples. This course will cover basic web design including how to select, layout, and organize content on a web page. You will be introduced to HTML 5 and other web software programs, which are used to create web pages for the internet/ intranet. Students will create a web page for business, educational, or personal use with tables, forms, links, lists, and images. This half-semester course is required for the completion of the Web Page Development Certificate. SC LMC:DA Transfer: CSU
- B. UNITS:** 1.5 Units
- C. PRE-REQUISITES:** N/A
- D. HIGH SCHOOL CLASS DESCRIPTION:** The Web is all around us, and you'll need it to promote any business or product. The focus of this course will be learning, using, and creating static and dynamic web sites for personal use, a resume webpage and websites designed and created for fictional businesses. **New: Skills USA! We will be participating in a program called Skills USA, where we will complete in a web design/development competition. More info about it is coming soon. This course will focus on the scripting languages HTML, CSS and Javascript using Notepad++ and Bootstrap Studio Code as Code Editors. Semester one will focus on creating static sites using HTML and CSS. Semester two will focus on adding interactivity to websites using Javascript and the Javascript library JQuery.
- E. REQUIRED CONTENT FOR ARTICULATION:**
1. Module 1 : Intro to the Course
 2. Module 2: Intro. to Web Design and the World Wide Web
 3. Module 3: Intro to HTML
 4. Module 4: Our Text Editor: Bootstrap Studio Code
 5. Module 5: HTML: Basic Page Structure
 6. Module 6: HTML: Structuring Content
 7. Module 7: HTML: Adding Links
 8. Module 8: HTML: Creating Lists
 9. Module 9: HTML: Controlling Styling
 10. Module 10: CSS: Intro to CSS Essential Training Part 1
 11. Module 11: CSS Core Part 1 Essential Training Part 1
 12. Module 12: CSS Core Part 2 Essential Training Part 1
 13. Module 13: CSS Core Part 3 Essential Training Part 1
 14. Module 14: Resume Writing Essential Training
 15. Module 15: CSS Selectors Essential Training Part 2
 16. Module 16: HTML and CSS Review
 17. Module 17: Introduction to Javascript

18. Module 18: Adding Javascript to your HTML Page
19. Module 19: Coding with Javascript
20. Module 20: Making Javascript Work with HTML
21. Module 21: Build an App
22. Module 22: Make Small Business Website with Shopping Cart

F. METHODS FOR END OF COURSE ASSESSMENT:

- | | | | |
|--------------|-----|-----------|-----|
| 1. 90%--100% | = A | 60%--69% | = D |
| 80%--89% | = B | Below 60% | = F |
| 70%--79% | = C | | |

The weighted percentages will be the following:

Homework	10%
Classroom Assignments/Cornell Notes	10%
Projects	40%
Tests and Quizzes	40%

2. Semester 1 Final Exam: Examination

Overview: The final will consist of 5 short answer questions and 20 multiple choice questions. This exam will be a total of 40 points, 20 points for each multiple-choice questions and 20 points for the short answer questions (each short answer question will be worth 5 points). There will also be one short HTML activity, asking you to create and upload an HTML file to the exam. To receive full or partial credit for short answer questions you will need to answer the questions in complete sentences, giving explanations your answers. This will be an open note final. You will have a maximum of two hours for this exam.

3. Semester 2 Final Exam: Examination

Overview: The final will consist of a submission of a portfolio consisting of 4 web sites (1 personal web page, one resume web page and two web pages made for fictitious small businesses) and these will be graded according to scoring rubrics. You will need to present your portfolio (a total of 4 web sites) explaining the 1) Design Process and 2) Page Features of each web page to the class.

G. TEXTBOOKS OR OTHER SUPPORTING MATERIALS

HTML and CSS by Jon Duckett

[Getting started with Bootstrap](#)

<https://www.w3schools.com/html/>

H. PROCEDURES AND/OR CRITERIA FOR COURSE ARTICULATION:

(all of the following must be met)

1. Students **must apply** to Los Medanos College and register in **CATEMA** in order to receive credit recommendations by their high school teacher.
2. Students **must be recommended** for credit by their high schoolteacher in **CATEMA**. *Teachers recommend credit at their discretion.*
3. Students **must complete** the Web Design class at Deer Valley High School with an overall grade of "B" or better.
High school teachers will enter this grade in CATEMA.
4. Students **must earn** a "B" or better on the agreed upon college/high school final exam procedure.
High school teachers will enter this exam grade in CATEMA.
5. Articulated college credit may only be recommended by the high school teacher and received by the student **within the academic year** in which it was earned.
6. Upon completion of the above, the student will receive on his/her LMC and CCCC (California Community College District) transcript the units of credit for LMC's **COMSC-030** course.
7. College transcripts will reflect the **FINAL EXAM GRADE** earned and will be notated as *Credit by Exam.

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COLLEGE SIGNATURES

HIGH SCHOOL/ROP/DISTRICT SIGNATURES

Natalie Hannum
LMC Vice President of Instruction

Date

Casey Lewis
DVHS Principal

Date

Dennis Franco
LMC Instructional Dean, Computer Science

Date

Christine Ibarra
AUSD Associate Superintendent

Date

Louie Giambattista
LMC Computer Science Department Chair

Date

Amy Bettencourt
AUSD Director, Curriculum, Instruction & Assessment

Date

Joenil Mistal
LMC Faculty

Date

Lindsay Wisely
AUSD Director, Secondary Schools

Date

Eston Greub
DVHS HS Faculty

Date