



**COWLEY COLLEGE
& Area Vocational Technical School**

COURSE PROCEDURE FOR

**WEB DESIGN (DREAMWEAVER)
CWB1837 3 Credit Hours**

Student Level:

This course is open to students on the college level in either the freshman or sophomore year.

Catalog Description:

CWB – WEB DESIGN (DREAMWEAVER) (3 hr)

This course is designed to introduce the fundamentals of Web page authoring using Adobe Dreamweaver. Emphasis is on developing an understanding of how to plan, design, create, modify, and publish a Web site. Students will create their own Web site throughout the course of the semester.

Prerequisites:

Grade of C or better in Digital Imaging (Photoshop) (CGA2030) or Instructor approval

Controlling Purpose:

This course is designed to introduce the fundamentals of Web page authoring using Adobe Dreamweaver. Emphasis is on developing an understanding of how to plan, design, create, modify, and publish a Web site. Students will create their own Web site throughout the course of the semester.

Learner Outcomes:

Upon successful completion of this course, the student will be able to do the following:

- Design a functional website using Adobe Dreamweaver
- Appropriately utilize text, images, links, and positioning objects with cascading style sheets
- Utilize HTML tables to organize tabular data
- Manage a Web server and files
- Use styles and style sheets for page design and layout
- Utilize web forms to collect data

Units Outcomes and Criterion Based Evaluation Key for Core Content:

The following outline defines the minimum core content not including the final examination period. Instructors may add other material as time allows.

Evaluation Key:

A = All major and minor goals have been achieved and the achievement level is considerably

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- above the minimum required for doing more advanced work in the same field.
- B = All major goals have been achieved, but the student has failed to achieve some of the less important goals. However, the student has progressed to the point where the goals of work at the next level can be easily achieved.
- C = All major goals have been achieved, but many of the minor goals have not been achieved. In this grade range, the minimum level of proficiency represents a person who has achieved the major goals to the minimum amount of preparation necessary for taking more advanced work in the same field, but without any major handicap of inadequacy in his background.
- D = A few of the major goals have been achieved, but the student's achievement is so limited that he is not well prepared to work at a more advanced level in the same field.
- F = Failing, will be computed in GPA and hours attempted.
- N = No instruction or training in this area.

UNIT 1: DREAMWEAVER ESSENTIALS						
Outcomes: Upon completion of this unit, the students will be able to demonstrate knowledge of Dreamweaver interface						
A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Utilize the Dreamweaver workspace
						Use the Document Window
						Use the Property Inspector
						Manipulate Panels and Groups
						Find and utilize coding tools

UNIT 2: BUILDING A WEBSITE

Outcomes: Upon completion of this unit, the students will be able to demonstrate the ability to create a simple website based on client needs

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Translate client requirements
						Modify page properties
						Set font formats and links
						Add content containers and attributes
						Position page elements with CSS

UNIT 3: WORKING WITH IMAGES

Outcomes: Upon completion of this unit, the students will be able to demonstrate the ability to create web designs utilizing raster images

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Prototype and design a web page using background images
						Insert and edit images
						Float images into position
						Create structured layout with images

UNIT 4: STYLING

Outcomes: Upon completion of this unit, the students will be able to demonstrate the ability to utilize cascading stylesheets to style a web page

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Style a page header
						Style a navigation sidebar
						Style navigation elements
						Style structured data
						Build and style an interactive form

UNIT 5: MOVING FROM PROTOTYPE TO PRODUCTION

Outcomes: Upon completion of this unit, the students will be able to demonstrate the ability to move a site into its final, published form

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Put a style sheet into production
						Build out a site using templates
						Add content using Library items
						Publish and update a Dreamweaver site

UNIT 6: HTML AND RESPONSIVE DESIGN

Outcomes: Upon completion of this unit, the students will be able to demonstrate the ability to utilize cascading stylesheets to style a web page

A	B	C	D	F	N	Specific Competencies - Demonstrate the ability to:
						Utilize responsive design through the use of media queries
						Utilize jQuery and Bootstrap
						Insert HTML5 video
						Utilize CSS3 animation

Projects Required:

Final website capstone project
Intermediate exercises demonstrating growing competency

Textbook:

Contact Bookstore for current textbook.

Materials/Equipment Required:

Access to production lab or a personal computer with the required software and appropriate external digital storage device for saving files.

Attendance Policy:

Students should adhere to the attendance policy outlined by the instructor in the course syllabus.

Grading Policy:

The grading policy will be outlined by the instructor in the course syllabus.

Maximum class size:

Based on classroom occupancy.

Course Time Frame:

The U.S. Department of Education, Higher Learning Commission and the Kansas Board of Regents define credit hour and have specific regulations that the college must follow when developing, teaching and assessing the educational aspects of the college. A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally-established equivalency that reasonably approximates not less than one hour of classroom or direct faculty instruction and a minimum of two hours of out-of-class student work for approximately fifteen weeks for one semester hour of credit or an equivalent amount of work over a different amount of time. The number of semester hours of credit

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allowed for each distance education or blended hybrid courses shall be assigned by the college based on the amount of time needed to achieve the same course outcomes in a purely face-to-face format.

Refer to the following policies:

[402.00 Academic Code of Conduct](#)

[263.00 Student Appeal of Course Grades](#)

[403.00 Student Code of Conduct](#)

Disability Services Program:

Cowley College, in recognition of state and federal laws, will accommodate a student with a documented disability. If a student has a disability which may impact work in this class which requires accommodations, contact the Disability Services Coordinator.