

Examples of Content and Language Objectives In Career and Technical Education

Graphic Arts/Art Design

Topic: Shadowing and Perspective

Content objective:

- ✓ Students will be able to **create a layout** for the general outline of a street scene in preparation for the addition of shadows

Language objectives:

- ✓ Students will be able to **read** an adapted text on the use of light and shadow in drawing a scene
- ✓ Students will be able to **orally describe** the general outline of a street scene and their plan for developing perspective with the use of shadowing

Civil Engineering, Architecture, and Drafting

Topic: Blue Print Planning and Design for Commercial Structures

Content objectives:

- ✓ Students will **develop** a mock blueprint for a commercial structure

Language objectives:

- ✓ Students will be able to **define** the terms related to foundation plans and systems
- ✓ Students will be able to **discuss** the purpose of a foundation plan and its features

Computer Sciences & Technology

Topic: Setting up a Webpage layout, design, backgrounds and colors

Content objectives:

- ✓ Students will be able to investigate the elements involved in designing a webpage
- ✓ Students will develop a model webpage for a particular topic or theme

Language objectives:

- ✓ Students will list the steps for setting up the layout, background, and color scheme for a model webpage
- ✓ Students will orally present their model webpage on a particular topic or theme

Business Law – Introduction to the Legal System

Topic: Introduction to the US Constitution and the Development of its Legal System

Content objectives:

- ✓ Students will create a flowchart that depicts the structure of the US legal system
- ✓ Students will compare and contrast the litigation and legislation that assisted in the formation of the US legal system

Language objectives:

- ✓ Students will describe, in writing, how the US legal system is structured
- ✓ Students will debate the influence of legislation vs. litigation in the development of the US legal system
- ✓ Students will use the past tense to discuss the origin and structure of the US legal system

Cosmetology

Topic: Basic Hygiene and Safety

Content objectives:

- ✓ Students will apply safety and sanitary guidelines in a class demonstration of preparing dyes and tinctures

Language objectives:

- ✓ Students will be able to *list* and *discuss* the sanitary and safety guidelines in preparing and processing chemicals

Culinary Arts

Topic: Meeting Dietary Requirements when Baking

Content objectives:

- ✓ Students will determine specific measurements when adapting recipes for larger/smaller groups
- ✓ Students will adapt a quick bread recipe to meet the dietary requirements for a diabetic

Language objectives:

- ✓ Students will write out the procedure for determining adjustments to ingredient measurements
- ✓ Students will argue a position about using sugar vs. a sugar substitute in a quick bread baking recipe

Aviation Technology

Topic: Aviation History

Content objectives:

- ✓ Students will organize a timeline identifying key events in aviation history

Language objectives:

- ✓ Students will discuss and include in a written timeline key events in aviation history
- ✓ Students will use the past tense to retell a story from the early history of aviation technology

Health Professions

Topic: Blood Pressure Monitors and Gauges – Dangers of Hypertension

Content objectives:

- ✓ Students will identify the functions of the Systolic and Diastolic readings on a blood pressure gauge
- ✓ Students will analyze blood pressure readings to determine levels and stages of hypertension

Language objectives:

- ✓ Students will read a blood pressure ratio and label which number is the Systolic measurement and which is the Diastolic measurement
- ✓ Students will do a role-play a discussion between a practitioner and patient regarding the dangers of hypertension