Elizabethtown Area School District
Scope & Sequence - Quick Reference

Department: Technology and Engineering Education

Course: Multimedia Design

Grade Level(s): 10 - 12

Unit Title	General Topic(s)	Pacing
1. Introduction to Multimedia Design	● History of Media Design ● Types of Graphics ● Basic Multimedia Design Skills ● Introductory Multimedia Design Project	1.5 Weeks
2. Website Design	● Design Principles for Web ● Content, Style, and Layout ● Managing Site Navigation ● Responsive Web Design ● Optimizing Images for the Web ● Multimedia Design Portfolio	3 Weeks (spread out through the semester)
3. Print Media	● Types and purposes of Media ● Connecting Print and Digital Media - QR Codes and Augmented Reality ● Multimedia Design Principles ● Typography ● Compositing ● Image Editing: Adjustments and Filters ● Color Harmony	3 Weeks

	● Print Media Design Project	

4. Digital Media	● Types of Animation
	   ○ Traditional Animation
	   ○ 2D Animation (Vector Based)
	   ○ 3D Computer Animation
	   ○ Motion Graphics
	   ○ Stop Motion Animation
	● Animation Fundamentals
	   ○ Keyframes
	   ○ Tweening
	   ○ Motion Tweens
	   ○ Interpolation
	   ○ Alpha Channel
	● Digital Media Design Project
		1.5 Weeks

5. Branding and Packaging	● Dieline Creation ● Branding and Identity ● Guidelines for Packaging Design ● Regulatory Information ● Product Rendering ● Food Packaging Design Project	3 Weeks

6. Custom Layouts	● Transfer Printing Methods
	   ○ Screen Printing
	   ○ Dye Sublimation
	   ○ DTG
	   ○ Heat Transfer
	● Materials
	   ○ Organic
	   ○ Synthetic
	   ○ Polymers
	● Measurement and Page Layout Considerations
	● Transfer Printing Design Project
		3 Weeks

7. UX and UI Design	● User Experience Design ● User Interface Design ● Interactive Elements ● Mobile App Prototyping ● Mobile App Concept Design Project	3 Weeks