CAREER PATHWAY

INTERACTIVE MEDIA

Broadcast Technicians | Audio Visual Technicians | Film & Video Editors | Graphic Designers | Advertising Sales Agents | Web & Digital Interface Designers | Computer Programmers

CAREER TECHNICAL COURSES

7	Information Technology (7th, 9th-10th)
8	Web Design (8th-10th)
9	Creating & Editing Digital Graphics (9th-10th)
	Video and Sound (9th-10th)
10	Design Techniques (10th-12th)
	Interactive App Development (10th-12th)
11	Animation (11th-12th)
	Multimedia & Image Management (11th-12th)
12	IT Capstone

COLLEGE CREDIT OPPORTUNITIES

Students who demonstrate proficiency in career tech courses in approved secondary programs can receive college credit for their approved coursework.

INDUSTRY CREDENTIAL OPPORTUNITIES

Adobe Certified Professional - InDesign CC - **4 Points**
Adobe Certified Professional - Photoshop CC - **4 Points**
Adobe Certified Professional - Illustrator CC - **4 Points**
Adobe Certified Professional - Premiere Pro CC - **4 Points**
Adobe Certified Professional - After Effects CC - **4 Points**
Adobe Certified Professional - Adobe Express CC - **4 Points**
Ohio Driver's License - **1 Point**
OSHA-10 - **1 Point**
CPR First Aid - **1 Point**
Leadership Excellence - Student - **3 Points**
Lean Six Sigma Yellow Belt - **3 Points**
Lean Six Sigma Green Belt - **6 Points**

POTENTIAL PLACEMENT & INCOME - $

May 2022 State Occupational Employment and Wage Estimates for Ohio

Broadcast Technicians | $47,790
Film & Video Editors | $48,750
Audio & Video Technicians | $48,870
Graphic Designers | $57,370
Advertising Sales Agents | $62,960
Web & Digital Interface Designers | $81,890
Computer Programmers | $85,630

in partnership with

BUCKEYE HILLS CAREER CENTER

INTERACTIVE MEDIA CAREER PATHWAY

SUBJECT CODE 145005 — INFORMATION TECHNOLOGY

This first course in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.

SUBJECT CODE 145010 — WEB DESIGN

College Credit
CTIM004
3 Credit Hours

Students will learn the dynamics of the Web environment while pursuing an in-depth study of both Hypertext Markup Language (HTML) and Cascading Style Sheets (CSS). Web based protocols such as FTP, TCP/IP, and HTTP will be addressed. Students will create a website with tag text elements, special characters, lines, graphics, hypertext links, and graphical tables.

SUBJECT CODE 145100 — CREATING & EDITING DIGITAL GRAPHICS

College Credit
CTGRPH001
3 Credit Hours

Students will learn to design, develop, and produce interactive media projects, web sites, and social media contexts. Students will demonstrate methods of creating professional quality media using commercial and open source software.

SUBJECT CODE 145110 — VIDEO AND SOUND

College Credit
CTIM006
3 Credit Hours

Students will create professional video and audio productions for distribution in traditional and new media channels. Students will plan, produce, edit, and launch media products. Students will develop scripts and storyboards, compose shots and operate cameras, capture sounds using microphone hardware, apply special effect techniques, and edit to achieve the final product. Students will be able to use animation and graphic design for video.

SUBJECT CODE 145095 — DESIGN TECHNIQUES

College Credit
CTIM008
3 Credit Hours

Students will learn techniques for transforming photographic images, through use of digital cameras, computers, and mobile devices. To accomplish this, they will learn software photo editing techniques including layering, color correction, masking, and special effects using current commercial and open source programs and applications.

SUBJECT CODE 145125 — INTERACTIVE APP DEVELOPMENT

College Credit
CTIM005
3 Credit Hours

Students will learn skills to support and create interactive and engaging components for web and standalone interactive applications. Using commercial and open source programs and applications, students will master web interactivity with advanced techniques.

SUBJECT CODE 145115 — ANIMATION

College Credit
CTIM001
3 Credit Hours

Students will use animation and storyboarding techniques to plan the production of an animation project. Students will design from script and storyboard actions in the pre-production planning process. Students will use commercial and open source digital animation software to create finished animations, cartoons, and other short movies. They will accomplish this using animated text, character movements, voice, background sound, sound effects, camera movements, and multiple scenes.

SUBJECT CODE 145105 — MULTIMEDIA & IMAGE MANAGEMENT TECHNIQUES

College Credit
CTGRPH002
3 Credit Hours

Students will apply principles of image creation, management procedures, and multimedia techniques as they create, revise, optimize, and export graphics for video, print, and web publishing. The course will address issues related to web based publishing, social media, and security. Students will utilize current commercial and open source languages, programs, and applications.

SUBJECT CODE 145015 — IT CAPSTONE

The capstone course provides opportunities for students to apply knowledge, attitudes and skills that were learned in their information technology program in a more comprehensive and authentic way. Capstones often include project/problem based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.