Interactive Media

WHAT CLASSES CAN I TAKE?

*Informational Tech**

This course is an exploratory opportunity for all high school students offering foundational knowledge and hands-on skills needed to navigate today's digital world, giving you the confidence to take the first step toward a tech-related career. This course focuses on practical, real-world skills that help you understand core tech concepts, troubleshoot basic issues, and build a strong foundation for future learning and growth in the tech industry. Skills learned consist of computing basics, set up and install common peripheral devices, configure wireless networks, understand virtualization and cloud technologies, knowledge of operating systems, application software, web browser features, and artificial intelligence tools like chatbots and generative AI. Students will also learn input/output systems, computer hardware and operating system and office applications. Students work with an integrated office software suite, Microsoft Office. Students will also be introduced to digital graphics, animation, web design and programming. Successful course completion earns an Ohio Technology Seal.

*Web & Graphic Design**

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. There will be opportunities for students to employ design techniques within web pages for GHS as well as their own personal sites and school projects. Students will also be introduced to the exciting world of graphical design. Students will learn to create, edit, and enhance images and artwork for use in print, web and social media. They will explore photography, color, composition, typography and multimedia effects. Students will become proficient in Adobe Express. All coursework is project based and students will have the opportunity to personalize their learning experiences. Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits. Successful course completion earns an Ohio Technology Seal.

Don't Wait For Opportunity!
Create It!

Digital Design

In this course, students prepare for specializations in photography, animation, illustration, graphic and web design. Students will learn to use advanced editing and multimedia techniques for transforming digital images and artwork, through the use of digital cameras, camcorders, digital scanning equipment, drawing tablets, IPADs and mobile devices. Students learn how to take an original idea, draw it, build it digitally, and produce it for the real world. Students will create, organize, manage and present digital information in a variety of media context forms. The coursework is project based and students will have the opportunity to personalize their learning experiences. Students will produce print, digital and multimedia content for the school and community. Students are exposed to a broad range of powerful design tools from the Adobe Creative Suite, specifically Photoshop, Lightroom, and Illustrator.

Multimedia & Image Design

This course is designed to provide students with opportunities to develop skills to meet the changing needs of today's fast-paced, digital and electronic media-driven business environment. It is important to understand how to take a multimedia approach to capture an audience and deliver a message. Students will apply principles of design and 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 explore the application of digital media in business, marketing, education, entertainment and training. The coursework is project based and students will have the opportunity to personalize their learning experiences. Students will produce print, digital and multimedia content for the school and community. Students are exposed to a broad range of powerful design tools from the Adobe Creative Suite, specifically Photoshop, Illustrator, Premier Pro, After Effects, Animate CC and Dreamweaver.

ANY QUESTIONS? PLEASE ASK!!!

Animation & Design Techniques

Students will apply design digital and layout fundamentals to create interactive media for integration into publications, web output and other forms of digital communications. Students will use industry standard design software while creating layouts for publications of all kinds. Topics include typography, vector and raster imaging, color, color correction, masking, special effects, page layout, PDF creation/editing, timeline-based video editing, file transfer and web production. This course offers an introduction to 2D animation, motion capture and imagery development as it applies to the production of animation, gaming and video. The coursework is project based and students will have the opportunity to personalize their learning experiences. Students are exposed to a broad range of powerful design tools from the Adobe Creative Suite.

*Media & Video Production**

Students will create professional video and audio productions for distribution in traditional and digital 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 professional audio hardware, apply lighting instruments and export final media products. Students will be able to use animation and graphic design for video. Students will produce "The Wave @ GHS" broadcasts, as well as individual and team short films. The coursework is project based and students will have the opportunity to collaborate with school and community partners to personalize their learning experiences. Students are exposed to a broad range of powerful design tools from the Adobe Creative Suite, specifically Premier Pro and After Effects.

Denotes courses can be applied to electives for completion of the CIS program.

FOR ALL PATHWAY COURSES:

Students can earn three Career Technical Credit Transfer/CTAG college semester hour credits. Successful course completion earns an Ohio Technology Seal.