DIGTIAL DESIGN Courses

PRINCIPLES OF DIGITAL DESIGN

Prerequisite: None , B- and above to go on to Digital Design Graphics (2nd year)

Course Number: 7140F - 7140S Grades 9 – 12

TWO SEMESTERS 2 Credits

Core 40, AHD & THD elective & directed elective course Fulfills AHD fine arts requirements

This course introduces the fundamental principles, theories, and concepts of graphic design. Investigations into design theory and color dynamics will provide experiences in applying graphic design theory, ideas and creative problem-solving, critical peer evaluation, and digital presentation skills

- Students will use the digital graphic design process, and software applications to create high-quality works.
- Students will learn a multi-media approach to design, digitized imagery, illustration, typography, and other forms of digital print design.
- Students will relate graphic design to other disciplines such as marketing/advertising, digital media, science and technology, photography, journalism, etc... and discover opportunities for integration through related careers.
- Coursework will include but not limited to… layout and design, color/font theory, logos, company and product branding, marketing/advertising, social media platforms, and designing for different PHS platforms and media.

This course is the first in a three-year digital design pathway

Note: Successful completion of this course fulfills 1 of the 2 local requirement courses for graduation.

DIGITAL DESIGN GRAPHICS

Prerequisite: Principles of Digital Design, B- and above to go on to Graphic Design and Layout (3rd year)

Course Number: 7141F - 7141S Grades 10 – 12

TWO SEMESTERS 2 Credits

Core 40, AHD & THD elective & directed elective course.

This course allows students to understand and create the most common types of computer graphics and visual communication used in today's world. Skills will be developed through work with professional vector-based and page layout software; Adobe Illustrator, Photoshop, and more. This course will be formatted as a "design firm" creating images based on "client" requests. The "clients" will be teachers, other classes, clubs, athletics, extra-curricular activities and events, administration, and social media requests. This course will allow students to begin a design portfolio to be used for future endeavors.

- Students will use software to manipulate paths, anchor points, type formatting, image manipulation, and effective page layout
- Students will apply a multi-media approach to design, digitized imagery, illustration, typography, and other forms of digital print design.
- Students will be able to assess their work and others constructively and effectively.

This course is the second in a three-year digital design pathway

Note: Successful completion of this course fulfills 1 of the 2 local requirement courses for graduation.

GRAPHIC DESIGN AND LAYOUT **NEW COURSE!**

Prerequisite: Principles of Digital Design and Digital Design Graphics, B- and above to go on to Digital Design Capstone (4th year)

Course Number: 5550F - 5550S Grades 11 – 12

TWO SEMESTERS 2 Credits

Core 40, AHD & THD elective & directed elective course.

This course allows students to continue enhancing their design skills through application. Students will delve deeper into the design process and the proper, creative use of types as a means to develop effective communications for global, corporate, and social applications. Students will create samples for a portfolio, which may include elements or comprehensive projects in logo, stationery, posters, newspaper, magazine, billboard, and interface design.

- Students specialize in the layout and design of Graphic, Web, and Print media
- Students will appreciate and apply the history and development of type and typefaces
- Students will design projects/layouts that demonstrate the ability to solve communication design problems using typography.
- Students will create portfolio-quality projects by applying the design process
- Students will adhere to a production schedule to meet deadlines in an efficient and professional manner

This course is the third in a three-year digital design pathway

DIGITAL DESIGN CAPSTONE **NEW COURSE!**

Prerequisite: Principles of Digital Design, Digital Design Graphics, and Graphic Design Layout

Course Number: 7246F -7246S Grade 12

DIGTIAL DESIGN Courses

TWO SEMESTERS 1-3 credits per semester, 6 credits max

Directed Elective or Elective for all diplomas

The Digital Design Capstone course provides students the opportunity to dive deeper into advanced concepts of Visual Communication through multiple professional vector-based and page layout software used in today's world. Depending on the length of the course, students may focus their efforts on one area or explore multiple aspects of digital design.