High School Art & Design

COMPUTER GRAPHICS
Computer Graphics I, II, III, IV
AP Studio Art: 2-D Design Computer Graphics

715 – COMPUTER GRAPHICS I

Career and Technical Education (CTE) Course (North Only)
Visual, Performing and Applied Art Credit
.5 CREDIT

Grades 10-11-12

This semester long, project based course is intended for all students interested in learning computer digital graphic software and creating artwork on computers in a lab setting. Computer literacy is helpful but not required. Raster and vector creation and manipulation is explored using the elements of art and principles of design. Creating and importing images via scanner, video camera or digital camera will may be introduced. Assignments may include, but are not limited to digital drawing and painting, image manipulation, color and design, animation and 3D design. Work is produced using available software and technologies for exhibition and portfolio building. Students will perform, present, respond, connect, create, analyze, and analyze in context in adherence with current state and national standards.

716 – COMPUTER GRAPHICS II	Prerequisite: Computer Graphics I
717 – COMPUTER GRAPHICS III	Prerequisite: Computer Graphics II
718 – COMPUTER GRAPHICS IV	Prerequisite: Computer Graphics III
727 – COMPUTER GRAPHICS V	Prerequisite: Computer Graphics IV
728 – COMPUTER GRAPHICS VI	Prerequisite: Computer Graphics V

Career and Technical Education (CTE) Course (North Only)
Visual, Performing and Applied Art Credit
.5 CREDIT

These semester courses are intended to provide opportunities for advanced and independent self-directed work in computer graphics. Students are expected to be self-motivated in a laboratory setting while integrating knowledge and skills from previous levels. The upper level courses focus is highly individualized. Work is designed to meet individual needs and goals, often in collaboration with the student. Portfolio supplement and enhancement is created after evaluating the student's goals for the year. Projects may include, but are not limited to commercial work, photo manipulation, digital painting, animation and 3D digital manipulation. Students will perform, present, respond, connect, create, analyze, and analyze in context in adherence with current state and national standards.

745 – AP STUDIO ART: 2-D DESIGN COMPUTER GRAPHICS   Prerequisite: Computer Graphics I, II and
III and Teacher and Department
Chair Recommendation
Visual, Performing and Applied Art Credit
1 CREDIT

Grade 12

This course is intended for students who have explored design extensively. It should be taken in senior year. Advanced Placement Studio Art 2-D Computer Graphics is a college-level course which prepares students for the AP portfolio assessment offered each May. Successful performance on the portfolio assessment may result in college credit. Students strengthen their awareness of the elements and principles of design while developing a well-rounded portfolio that may include both traditional and digital examples of two-dimensional design. Students will develop breadth through mastery of multiple techniques as well as depth of concept and style through a self-directed personalized concentration. They will also strive for professionalism and quality of product. The course will continue to build on the skills of visual communication and design through viewing, analyzing, verbally explaining commercial design art during critiques and discussions. Students will explore the work of historic and current professional artists. AP Studio Art: 2-D Computer Graphics follows the guidelines established by the College Board. Students will perform, present, respond, connect, create, analyze, and analyze in context in adherence with current state and national standards.