

Course: Information Technology 12 - Digital Media Development

Course Format: Online

Credits: 4

Description: Information Technology 12 is part of the Applied Design, Skills, and Technology curriculum. This course has a focus on design thinking, acquisition of skills, and application of current technology. In this class, a student will have an opportunity to explore creating with a variety of current online tools, developing presentation skills, and experimenting with 2D, 3D, audio, and video tools.

Content Learning Standards:

- design opportunities
- 2D, 3D, audio, and video digital media editing tools, including paid, freeware, open source, and cloud-based solutions
- appropriate use of technology, including digital citizenship, etiquette, and literacy
- digital sound and audio data compression
- methods and principles of 3D graphic design

Curricular Competency Development Learning Standards:

- Defining - evaluate resources, constraint of projects
- Ideating - create ideas for testing and evaluation
- Prototyping - developing solutions or products
- Testing - evaluate and critique products
- Making - identify tools, processes, materials

Recommended Prerequisite: None

Resources: Online course materials

