



Business & Industry Pathway – Animation & Digital Design



Courses that are inclusive for any Pathway or Endorsement are BIM I, Professional Communications, Touch System Data Entry and Career Preparation

 Recommended Sequence
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DIGITAL DESIGN AND MEDIA PRODUCTION

KISD #: 4922J

PEIMS: 03580400

Grades: 8

1.0 Credit

Recommended Prerequisite: Ability to work independently

Obtain hands-on experience working with a variety of media tools (graphic/image, audio, and video) to design multimedia projects. Utilize various software applications including Adobe products such as Photoshop and Illustrator. This project-based course focuses on real-world audiences as customers.

Required Fee/Materials: Yes

PRINCIPLES OF ANIMATION

KISD #: 949318

PEIMS: 13008200

Grades: 9-11

1.0 Credit

Prerequisite:

None

Recommended Prerequisite: Digital Design and Media Production

Students will explore the fundamentals related to the field of Animation. Through the study of the history of animation and the twelve principles of animation, students will gain an understanding of animation and its application through a variety of media. Course concepts include story development, story structure, the use of story boards in animation, introductory software usage and industry standards. The students will explore different techniques, media and materials each week in class, and will be expected to take with them the essential knowledge and skills gained and apply them to a series of class exercises and projects.

Required Fee/Materials: Yes

ANIMATION I

KISD #: 947618

PEIMS: 13008300

Grades: 10-12

1.0 Credit

Prerequisite:

Principles of Animation

Students will develop technical knowledge and skills needed for success in the animation industry, students will be expected to develop an understanding of the history and techniques of the animation industry. Students will use multiple software applications to complete assignments and projects.

Required Fee/Materials: Yes

ANIMATION II

KISD #: 947718

PEIMS: 13008410

Grades: 11-12

2.0 Credits

Prerequisite:

Animation I

This hands-on course allows students to create, edit, and render characters, vehicles, scenes or objects and to design and produce digital animation using images, video, and audio resources. Students will learn design, design history, techniques and tools related to the production of drawings, renderings, and scaled models for commercial or residential purposes.

Required Fee/Materials: Yes

Advanced Grade Points: Yes

PRACTICUM IN ANIMATION

KISD #: 949218

PEIMS: 13008450

Grades: 12

2.0 Credits

Prerequisite:

Animation II and Animation II Lab

Students will continue animation design and development in a laboratory training. Students will be expected to develop an increasing understanding of the industry with a focus on applying pre-production, production, and post-production animation products in a professional environment.

Required Fee/Materials: Yes

Advanced Grade Points: Yes