

Career & Technology - Arts, A/V Technology and Information Technology Cluster

Course: **ADVANCED ANIMATION**

Course Description: Students will use various software packages to build a role playing game using a team development approach. Teams will develop a story line and identify game requirements and rules. Students are required to develop and maintain a set of web pages documenting the development of their project.

NEISD # **6712**

Credit: 2.0

Term: Full Year

Grade Placement: 11-12

Prerequisites: 6693, 3005, 1634, 3017

Special Notes:

Course: **ADVANCED FASHION DESIGN**

Course Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an understanding of fashion with emphasis on design and production. Student must pass safety test with 100% mastery.

NEISD # **8016**

Credit: 2.0

Term: Full Year

Grade Placement: 11-12

Prerequisites: Fashion Design

Special Notes:

Course: **ANIMATION**

Course Description: Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an understanding of the history and techniques of the animation industry.

NEISD # **6711**

Credit: 1.0

Term: Full Year

Grade Placement: 10-12

Prerequisites:

Special Notes:

Course: **AUDIO/VIDEO PRODUCTION**

Course Description: Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on pre-production, production and post-production audio and video activities. Student must pass safety test with 100% mastery.

NEISD # **6731**

Credit: 1.0

Term: Full Year

Grade Placement: 9-12

Prerequisites:

Special Notes:

Course: **COMMERCIAL PHOTOGRAPHY**

Course Description: Careers in commercial photography require skills that span all aspects of the industry from setting up a shot to delivering products in a competitive market. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an understanding of the commercial photography industry with a focus on creating quality photographs.

NEISD # **6732**

Credit: 1.0

Term: Full Year

Grade Placement: 10-12

Prerequisites:

Special Notes:

Course: **DIGITAL AND INTERACTIVE MEDIA**

Course Description: Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

NEISD # **8297**

Credit: 1.0

Term: Full Year

Grade Placement: 10-12

Prerequisites:

Special Notes:

Course: **FASHION DESIGN**

Course Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an understanding of fashion and the textile and apparel industries. Student must pass safety test with 100% mastery.

NEISD # **8015**

Credit: 1.0

Term: Full Year

Grade Placement: 10-12

Prerequisites:

Special Notes:

Course: **GRAPHIC DESIGN AND ILLUSTRATION**

Course Description: Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Student must pass safety test with 100% accuracy.

NEISD # **6730**

Credit: 1.0

Term: Full Year

Grade Placement: 9-12

Prerequisites:

Special Notes:

Course: **PRACTICUM IN FASHION DESIGN**

Course Description: Careers in fashion span all aspects of the textile and apparel industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology and Communications career cluster, students will be expected to develop an advanced technical understanding of the business aspects of fashion, with emphasis on promotion and retailing. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students must pass safety test with 100% mastery.

NEISD # **8017**

Credit: 2.0

Term: Full Year

Grade Placement: 12

Prerequisites: Advanced Fashion Design

Special Notes: *Student must provide own transportation.*

Course: **PRINCIPLES OF INFORMATION TECHNOLOGY**

Course Description: Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication and reasoning skills and apply them to the information technology environment. Student must pass safety test with 100% mastery.

NEISD # **6687**

Credit: 1.0

Term: Full Year

Grade Placement: 9-10

Prerequisites:

Special Notes:

Course: **WEB TECHNOLOGIES**

Course Description: Students gain advanced knowledge and skills in the application, design, production, implementation, maintenance, evaluation and assessment of products, services and systems. Knowledge and skills in the proper use of analytical skills and application of information technology concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, information technology experience and product development may be conducted in a classroom setting with an industry mentor, as an unpaid internship or as career preparation. Student must pass safety test with 100% mastery.

NEISD # **6643**

Credit: 1.0

Term: Full Year

Grade Placement: 11-12

Prerequisites:

Special Notes:

Career & Technology - Business, Finance and Marketing Cluster

Course: **ACCOUNTING I**

Course Description: Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating financial information. All information is applicable to profit or non-profit businesses and useful for entry-level positions.

NEISD # **8301**

Credit: 1.0

Term: Full Year

Grade Placement: 10-12

Prerequisites:

Special Notes: