BROADCAST MEDIA ARTS/COMPUTER SCIENCE

0128 Audio & Video Broadcast   1 year   Grades 9-12   1 credit
This course focuses on video and audio for the broadcast industry and internet delivery. Skills learned include image capture, audio and video mix, lighting and editing. Students plan and shoot video for live and recorded broadcast (including YouTube) while adhering to laws related to defamation, libel, copyright and privacy. Sound is essential to broadcast journalism and advertising. Students compare and contrast how sound alone and sound combined with visuals can entertain, inform and initiate action. They generate content, record, edit, mix and produce voice and music for airwaves, podcast and/or Internet. They adapt for analog and digital audio and video while adhering to Federal Communication Commission rules and regulations related to bandwidth and advertising. As a requirement for the class, students will record district events for broadcast to the community via a weekly newsmagazine format program.
       Fee: $10

0129 Video Production   1 year   Grades 10, 11, 12   1 credit
This course focuses on video production for commercial use. They learn how to read and interpret a script, select and maintain equipment and combine graphics, text and special effects. Skills attained include pre-production documentation and planning; in-production audio and video recording; and post-production editing and distribution. This class will produce the daily "Morning Announcements" program for distribution to the school. In addition, students will produce a weekly newsmagazine format program for broadcast to the community. Prerequisite: Audio & Video Broadcast or by permission with teacher.
Fee: $10

0310 Graphic Design   1 semester   Grades 9-12   ½ credit
This course focuses on manipulating images for final output through print and Web-based production. Students obtain a brief perspective on analog image editing and delve into the world of editing digital photos, illustrations and other artwork. They learn to adjust resolution and exposure, modify color, compress data and format and manage files. Students will use problem-solving strategies and work collaboratively to complete the creative process with artists, printers and Web developers. No prerequisite but strong computer skills are recommended.   Fee: $40

0313 Animation   1 semester   Grades 9-12   ½ credit
This course is designed for students to give life and motion to ideas and characters by allowing students to develop animated products. Students will use Adobe Animate software in conjunction with other commercial and open source software to create create finished animations, cartoons, and other short movies. They will accomplish this using animated text, character movements, voice, background sound, sound effects, camera movements, and multiple scenes. Students will also learn animation and motion graphics coding. No prerequisite but strong computer skills are recommended.
Fee: $10

0312 Computer A+ Certification   1 semester   Grades 9-12   ½ credit
A+ (A Plus) is an entry-level computer certification for PC computer service technicians. Students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication skills and professionalism in troubleshooting situations will be emphasized. Students will will learn to configure, modify, and troubleshoot operating systems. Desktop virtualization, system security, and operating system history will be addressed. The optional end-of-course exam is

designed to certify the competency of entry-level PC computer service. No prerequisite but a high level of computer skills are recommended.