

## Center for Media Arts Courses

### Digital Photography

Digital Photography  
Level 1

Function of Images Honors 459930HW

Grade 10, 11, 12 1 unit

Students work collaboratively and independently on assignments that require completion of the Breadth Section of the AP Studio Art Portfolio. Students are challenged to connect concepts and experiences to student generated images. They research the photographic medium from invention through contemporary use and practice. Students also learn how photography has been used as a cultural force, a means of personal expression and an aesthetically-based medium. Focus is also placed on the business aspects of photography.

Photographic Technique and  
Functions Honors 459931HW

Grade 10, 11, 12 1 unit

Students learn the functions of the digital camera using manual settings. Students explore the different purposes, functions, and features of lenses. Lighting techniques are applied in a series of photographic exercises within controlled environments. Students learn to use both natural and artificial lighting to create photographic illustrations and work with Commercial photography. Both “hot lights” and electronic flashes are used to achieve total control of composition, color, contrast and reflection. Students also learn to use Lightroom and Photoshop software.

Digital photography  
Level 2

Mixed-media Photography Honors 459935HW

Grade 11, 12 1 unit

Students study a variety of visual forms, media, operative concepts and theories that pertain to both historical and contemporary photographic practices. Students complete a

series of studio projects that explore both traditional and non-traditional methods of Fine Art photography while mixing various forms of media. Students maintain a journal/sketchbook and analyze/critique the message and or purpose associated with the imagery created. Photoshop techniques and processes are explored.

AP Photography

357400AW

Grade 12 1 unit

Students demonstrate the advance use of natural and artificial lighting to create a 2D portfolio for the AP Studio Art Exam. Student photographers investigate a central idea or theme and create a series of linking images for the Concentration section of the AP Portfolio. Ideas can focus on fine art, editorial or commercial applications. Images are prepared and submitted in accordance with specifications required by the College Board. Students are also required to organize and design a professional exhibition showcasing their work.

## **Film and Television Production**

Film and TV

Level 1

Media Arts:

359901HW

Elements of Film and

Television Honors

Grade 10, 11, 12 1unit

Students learn the skills needed to enter the film and television production industries. Students develop skills in theory, practice, and equipment operation related to film production and broadcasting, the portable camera and video editing. Students also learn the principles of picture composition, script writing, lighting, remote shooting and directing. Through problem-solving activities, projects, and discussions, students demonstrate how video and film affect life and society in order to develop their media literacy.

Media Arts:

359902HW

Intermediate Video Production Honors

Grade 10, 11, 12 1unit

Students are immersed in a variety of video production experiences including developing short films for festivals/contests and introductory broadcasting for the school's news and entertainment program, The River Current. Students will also research film and television theory/criticism and continue to practice and perfect various production elements. Students are expected to develop the technical, analytical and critical foundations necessary in the pre-production, production and post-production phases by combining media literacy, theory, and hands-on exercises.

Film and TV

Level 2

Media Arts:

359903HW

Advanced Video Production Honors

Grade 11, 12 1unit

Students perform at an independent level of proficiency to build upon prerequisite skills to produce high-quality narrative videos for public presentation and non-narrative style productions based on a variety of local opportunities and commission-based works. Students will take leadership roles in the development and production of the school's news and entertainment program, The River Current. Students employ and polish the pre-production, production, and post-production skills developed in Level 1 courses.

Media Arts:

359904HW

Film and Television Capstone Honors

Grade 11, 12

1unit

This course provides the advanced Media Arts student a chance to pursue independent study in media production. Students perform at an independent level of proficiency to build upon the prerequisite skills as they analyze, evaluate, and synthesize the body of video work they created during their high school career and in the Center in order to create a substantial portfolio of work for public presentation. Students will propose and complete a personal capstone project that provides an experiential synthesis of what they

have learned throughout the course of their Media Arts program, culminating with the skills and abilities necessary to enter the film and television production work force.

## **Sound Recording**

Sound Recording  
Level 1

Sound Recording and  
Recording Audio Production Honors  
Grade 10, 11, 12 1 unit

459926HW

Students are provided a basic understanding of the sound recording and audio production environment. Students will learn the tools and techniques used to capture and manipulate sound. Through project based learning, students will be introduced to the digital audio workstations (DAW) of Pro Tools, Logic Pro X and Garageband. Inside of these various DAW, students will be introduced to the tasks of audio recording, editing, mixing and production.

Digital Music Technology Honors  
Grade 10, 11, 12 1 unit

459927HW

In this introductory course, students become composers, creating music from a variety of digital audio sources such as Garage Band, Logic Pro X and Sibelius Notation Software. A focus is placed on creating music for original albums and for commercial, video game, and film elements.

Sound Recording  
Level 2

Advanced Sound Recording  
and Audio Production Honors  
Grade 11, 12 1 unit

459933HW

Students will build upon the knowledge and skills acquired from the level one Sound Recording course. Students will become leaders of their own learning throughout a collaborative, creative environment. The teacher and students will work together to fully operate the recording

studio. Students will become fully proficient in the use of the various digital audio workstations (DAW) of Pro Tools, Logic Pro X and Garageband, as well as other DAW they may discover on their learning journey. For the capstone event, students will develop a final product that displays their entire body of creative work. This product will be an album of their recorded, mixed, and mastered music.

Advanced Digital Music

459934HW

Production Honors

Grade 11, 12 1 unit

Students build upon skills learned in the Level 1 Digital Music course, evolving their composition skills in this field of study. Students become leaders of their own learning through developing new creative approaches to the digital music art form. They create music from a variety of digital audio sources such as Garage Band, Logic Pro X, and Sibelius Notation Software. Creating an EP Album with album artwork and credit information is the culminating capstone event.

**(All Areas of the Center)**

Production Practicum Honors

379903HW

Grade 11, 12 1 Unit

In this course students gain insight into 21st century multi-faceted markets for digital media arts. The course focuses on portfolio building, peer collaborations, and navigating a society dependent on a digital media world. Students have the opportunity to participate in externships, interact with professionals in their field and visit media arts collegiate programs.