

ART PROGRAM

The Art Department offers a number of elective courses designed to give students the opportunity to study a broad range of materials and techniques in visual art. Students may choose to take courses in several subjects or to pursue one area of interest in depth. Courses are studio based and designed to appeal to students with a wide variety of abilities and interests. In addition to learning basic skills and new ways to express themselves, students will be introduced to both the history of art and contemporary trends in art.

Introductory and advanced level courses are listed below. Advanced level classes require the successful completion of the introductory class with a grade of (B) or better, or permission of the instructor. Advanced courses may be taken for credit for more than one semester or year.

INTRODUCTORY LEVEL COURSES

Architectural Drafting and Design (Semester)
Ceramics (Semester)
Digital Imaging and Collage (Semester)
Photography (Semester)
Sculpture (Semester)
Video Production (Semester)
Two Dimensional Art (Semester)
3D Graphics (Semester)

ADVANCED LEVEL COURSES

Advanced Ceramics (Semester)
Video Production II (Semester)
Advanced Photography (Semester & Full Year)
Advanced Two-Dimensional Art (Semester)
Advanced Placement Honors Art (Full Year)
Advanced Topics in Digital Imaging and Multimedia (Semester)
Advanced 3D Graphics (Semester)

3D GRAPHICS (CAD)

SEMESTER – 2.50 CREDITS

COURSE #715

For students in grades: 9, 10, 11, and 12

Prerequisites: None.

Description: In this course students will learn to understand and manipulate digitally simulated 3D space with Truespace. Starting from primitives, students create 3D models, scenes, and basic animations. Students will undertake multiple projects utilizing conventional and non-conventional modeling and lighting techniques. Students use Adobe Photoshop and Image Ready to explore multiple texture-mapping techniques and basic animations of objects and scenes. Students generate high resolution rendered scenes and animations that meet the criteria of each lesson and final project. Possible projects include basic vehicle design, character design and product design.

Evaluation: Evaluation will be based on class assignments, participation, quizzes, exams, and the quality of the final project.

This course has Expectations for Student Learning 3, 4, 7 and 9 as its primary concern, and also supports Expectations 2, 5 and 8.

ADVANCED 3D GRAPHICS (CAD 2)**SEMESTER – 2.50 CREDITS****COURSE #716****For students in grades: 9, 10, 11, and 12****Prerequisite: Successful completion of 3D Graphics, or instructor approval**

Description: In this course students will further learn to understand and manipulate digitally simulated 3D space. This course is designed for students seeking continued development of their talents to a higher level, and to experience more advanced aspects of the 3D art making process. The course is recommended for students who have completed the 3D Graphics course receiving a grade of B or above, who are looking for projects based on real world applications, and who wish to excel and really push the limits of their creative potential. Students will apply 3D graphics knowledge and skill toward producing more specific, individual and team-based projects. Students are exposed to various advanced-level 2D and 3D computer graphic tools and techniques currently being used to create artwork for computer gaming, designing products and tools for industrial and commercial applications, animated short films and character design.

Students choose between programs to integrate two or more of them with combinations of tools and techniques that best suit the needs and fulfill the prescribed outcomes of their projects. Programs used are: Truespace, Maya, 3dsMAX, Blender, Vegas and Terogen. Students also use Adobe Photoshop, Adobe Illustrator and Image Ready to refine their texture-mapping techniques and support the production quality of their projects.

Evaluation: Evaluation will be based on class assignments, class participation, performance exams, and the quality of the final projects.

This course has Expectations for Student Learning 3, 4, 7 and 9 as its primary concern, and also supports Expectations 2, 5 and 8.

ARCHITECTURAL DRAFTING AND DESIGN**SEMESTER – 2.50 CREDITS****COURSE #720****For students in grades: 9, 10, 11, and 12****Prerequisites: None**

Description: In this course students will gain an understanding of the various skills involved in the field of architecture. The basic design concepts of architectural design will be taught through sketching, drafting, and model building. Students will learn about the history of architecture, as well as the forms in which it is practiced today. Students will have the opportunity to meet with visiting architects who will present their work, join the class for critiques and discuss their use of the topic being studied at a given point in the course. Visits to the DeCordova Museum, the Gropius House and other local sites are an important aspect of the course. Students will produce a portfolio of work including drafts, final drawings, free hand sketches as well as three-dimensional studies and models. Studying the evolution of architectural styles and how they have been influenced by technology and society today will provide students with applicable knowledge in the field. The goal of the course is to provide a sampling of skills from the world or architectural engineering. There are also exciting homework projects, which are required for the final portfolio.

Evaluation: Evaluation will be based on class work projects written work, class participation and final portfolios.

This course has Expectations for Student Learning 3, 4, and 9 as its primary concern, and also supports Expectations 2, 7, and 8.



DIGITAL IMAGING AND COLLAGE**SEMESTER – 2.50 CREDITS****COURSE #725****For students in grades: 9, 10, 11, and 12****Prerequisites: None**

Description: In this course students will develop the skills necessary for manipulating and producing images using the computer. Emphasis is placed on a basic understanding of the computer as a creative tool including painting applications, design and composition, preparing images for the web, resolution, scanning, digital cameras and printing. Students will work in one of the schools computer labs and will use a variety of programs including Adobe Photoshop and Adobe Image Ready. They will use the computer to create original designs, as well as to combine existing images and photographs. Creative problem solving, personal expression, and competence gained in the practical use of design programs will be stressed. An understanding of how to navigate through a Macintosh or Windows computer is helpful though not required.

Evaluation: Evaluation will be based on class work, projects, written work, class participation and final portfolios.

This course has Expectations for Student Learning 3, 4, 7 and 9 as its primary concern, and also supports Expectations 2, 5 and 8.

ADVANCED TOPICS IN DIGITAL IMAGING AND MULTIMEDIA**SEMESTER – 2.50 CREDITS****COURSE #726****For students in grades: 9, 10, 11, and 12****Prerequisites: Successful completion of Digital Imaging and Collage or permission of the instructor.**

Description: Students in this course will apply their previous experience with digital imaging toward more complex projects and software as they develop a portfolio of digital work. They will continue to create digital montages that demonstrate a good understanding of the software and of aesthetic concepts related to composition and idea development. The class will use a variety of programs including Adobe Photoshop, Image Ready, and Illustrator. Part of the class work will involve combining images to create digital animations of their collages. Emphasis will be placed on students creating proposals for their own work intended for high-resolution printing or web site content. Student will publish their work to CD as well as the web.

Evaluation: Evaluation will be based on class work, projects, written work, class participation and final portfolios. This course has Expectations for Student Learning 3,4, 7 and 9 as its primary concern, and also supports Expectations 2, 5 and 8.

PHOTOGRAPHY**SEMESTER – 2.50 CREDITS****COURSE #805****For students in grades: 9, 10, 11, and 12****Prerequisites: None**

Description: In this course students learn the basics of photography. Topics covered include light and film, 35mm camera principles and processes, exposing and developing film, and darkroom techniques. In addition to learning basic skills, students will begin to use photography as a tool for seeing and exploring the world in expressive and personal ways. Students will complete various assignments, photographing both at home and in class. Projects will emphasize image composition, camera technique, and the exploration of student's personal interests. Students will look at and discuss the work of important historical and contemporary photographers, and have occasional written homework projects. Students may use their own 35mm cameras or borrow one from the school.

Evaluation: Evaluation will be based on class work, projects, student journals, class participation, and a final examination.

This course has Expectations for Student Learning 3,4,7 and 9 as its primary concern, and also supports Expectations 2, 5, and 8.

**ADVANCED PHOTOGRAPHY
ADVANCED PHOTOGRAPHY**

**SEMESTER – 2.50 CREDITS
FULL YEAR – 5.00 CREDITS**

**COURSE #814
COURSE #807**

For students in grades: 10, 11, and 12

Prerequisites: One semester of Photography or permission of the instructor.

Description: This course is for students who have completed at least one semester of Photography and/or can demonstrate a thorough knowledge of basic techniques. Students will explore more advanced photographic techniques and work with various films and camera formats. They will work on individual projects to further their understanding of photography as an expressive medium. Subjects of study may include alternative and historic processes, photographic murals, digital imaging, photojournalism, and collage. The course will consist of photographic projects, technical demonstrations, the study of the history of photography, and regular class critiques and discussions. Most of the photography assignments will consist of both homework and classroom projects.

Evaluation: Evaluation will be based on class work, projects, student journals, class participation, and a final examination.

This course has Expectations for Student Learning 3, 4, 7 and 9 as their primary concern, and also supports Expectations 2, 5 and 8.

TWO DIMENSIONAL ART

SEMESTER – 2.50 CREDITS

COURSE #808

For students in grades: 9, 10, 11, and 12

Prerequisites: None

Description: In this course students learn the basics of two-dimensional design. Topics covered include drawing, painting and the basic principles of design explored through a variety of processes and techniques. Students will develop confidence with observational drawing, handling color, shading, and proportion, spatial relationships and aesthetics. Projects will emphasize elements of design, technique, and the exploration of students' personal interests. Students will look at and discuss the work of important historical and contemporary artists, and have occasional written and/or drawing homework. The art studio is open to students most afternoons and during unscheduled blocks throughout the day.

Evaluation: Evaluation will be based on class work, projects, student journals, class participation, critiques and final portfolios.

This course has Expectations for Student Learning 3,4 and 9 as its primary concern, and also supports Expectations 2 and 8.

ADVANCED TWO-DIMENSIONAL ART

SEMESTER – 2.50 CREDITS

COURSE #809

For students in grades: 10, 11, and 12

Prerequisites: One semester of Two-Dimensional Art or permission of the instructor.

Description: This course is for students who have complete one semester of Two-Dimensional Art and/or can demonstrate a thorough knowledge of basic techniques. Students will explore more advance techniques and work in series with a variety of sizes and formats. They will work on individual projects to further their understanding of design and to produce personal and expressive images. Students will develop proficiency in any given medium through longer projects than were possible in introductory level classes. Subjects may include alternative and historic processes, painting, printmaking, mixed media, and illustration. The course will consist of projects, technical demonstrations, the study of the history of art, and regular class critiques. There are regular at home projects that are required for a final portfolio. The art studio is open to students most afternoons and during unscheduled blocks throughout the day.

Evaluation: Evaluation will be based on class work, projects, written work, class participation, and final portfolios.

This course has Expectations for Student Learning 3,4 and 9 as their primary concern, and also support Expectations 2, 7 and 8.

ADVANCED PLACEMENT HONORS ART**FULL YEAR - 5.00 CREDITS****COURSE # 810****For Students in Grades: 10, 11, & 12****Prerequisites: One semester of Introduction to Two-Dimensional Art or the equivalent****Description:**

This course is for students who have completed one semester of Two-Dimensional Art and/or can demonstrate a thorough knowledge of basic techniques. Students will explore advanced techniques and work in series with a variety of sizes and formats. They will work on individual projects to further their understanding of design and to produce personal and expressive images. In this course students are in the process of creating a unified portfolio demonstrating a personal artistic vision. Subjects may include alternative and historic processes, water soluble oil painting, mixed media, and illustration. The course will consist of projects, technical demonstrations, study of the history of art, regular class critiques and discussions. The art studio is open to students in the afternoons and during unscheduled blocks throughout the day.

Evaluation: Evaluation will be based on class work, projects, written work, class participation, and final portfolios.

This course has Expectations for Student Learning 3, 4 and 9 as their primary concern, and also support Expectations 2, 7 and 8.

CERAMICS**SEMESTER – 2.50 CREDITS****COURSE #811****For students in grades: 9, 10, 11, and 12****Prerequisites: None**

Description: Ceramics is a comprehensive course designed to provide students with a strong foundation in the use of clay as an art medium. Many different techniques of clay modeling and decoration will be introduced through a series of challenging projects. After students become familiar with the possibilities and properties of clay, they will use their knowledge to arrive at individual and creative solutions to design problems. During the second half of the class, students will be introduced to the basics of working on the potter's wheel. Students electing to take Advanced Ceramics after completion of this course will have mastered the skills they need for further study. Class critiques as well as the study of past and contemporary ceramics artists and trends will be an important part of this course.

Evaluation: Evaluation will be based on class work, projects, student journals, class participation, critiques and final portfolios.

This course has Expectations for Student Learning 3,4 and 9 as its primary concern, and also supports Expectations 2 and 8.

ADVANCED CERAMICS**SEMESTER – 2.50 CREDITS****COURSE #812****For students in grades: 10, 11, and 12****Prerequisites: One semester of Ceramics or permission of the instructor.**

Description: Advanced Ceramics builds on the technical and artistic concepts introduced in Ceramics. This course is designed for students who wish to pursue their interest in this art form in greater detail. It is structured to provide a broad range of experiences that students can draw from and incorporate into their own unique approach to the medium. A major focus will be working on the potter's wheel, but hand built projects and a variety of decorating techniques will also be a large part of the class. Students will develop a body of work and present it to the community through exhibitions. Class critiques as well as the study of past and contemporary ceramic artist and trends will be an important part of this course.

Evaluation: Evaluation will be based on class work, projects, student journals, class participation, critiques and final portfolios.

This course has Expectations for Student Learning 3,4 and 9 as its primary concern, and also supports Expectations 2 and 8.

VIDEO PRODUCTION**SEMESTER – 2.50 CREDITS****COURSE #813****For students in grades: 9, 10, 11, and 12****Prerequisites: None**

Description: This course will introduce students to the basic techniques and aesthetics of video production. Students will learn how to use various formats of video equipment including VHS, Digital Hi-8 and mini DV. Students will plan, produce and complete short video productions. Using a hand-on approach, student will learn the skills involved in production planning, script preparation, shooting of a program, and post-production including non-linear editing, assembling music and voice-overs. Students will edit video primarily on Macintosh computers using iMovie, Final Cut Express, and Adobe Premiere. The class will explore the role of television and film in society as well as how to talk about and critique television and film from both a creative and technical point of view.

Evaluation: Evaluation will be based on class assignments, quizzes, exams and the quality of the final project.

This course has Expectations for Student Learning 2, 3, 4, 7 and 9 as its primary concern, and also supports Expectations 5 and 8.

SCULPTURE**SEMESTER – 2.50 CREDITS****COURSE # 815****For students in grades: 9, 10, 11, and 12****Prerequisites: None**

Description: This course will focus on the basic visual language of sculpture. Students will utilize a variety of materials and techniques as they explore the basic element of three-dimensional design. Class projects are designed to encourage students to express their own experiences through sculpture. Emphasis will be placed on the use of a variety of materials such as wire, string, paper, cardboard, wood, modeling clay, plaster, plastic, metals, and found objects. Slide presentations and discussions of contemporary and historical trends in sculpture will help students to develop and understanding and appreciation for three-dimensional art in our culture and throughout the world.

Evaluation: Evaluation will be based on studio work, projects, student journals, class participation, critiques and final portfolios.

This course has Expectations for Student Learning 3, 4, and 9 as its primary concern, and also supports Expectations 2, and 8.

VIDEO PRODUCTION II**SEMESTER – 2.50 CREDITS****COURSE #820****For students in grades: 9, 10, 11, and 12****Prerequisites: Video Production 1 or permission of the instructor.**

Description: This course is geared towards students interested in exploring the world of video production beyond the level of Video Production 1, both technically and conceptually. Students focus on how to produce videos that are self-directed, in-depth productions. Using professional video editing equipment and software such as Final Cut and Adobe Premiere, students will gain advanced knowledge of how to create and edit digital video. Students will also study the style and technique of significant filmmakers, gaining a broader understanding of video and film production from a historical perspective. Students will have the opportunity to gain knowledge and experience in the creation of video assets within a television studio environment and produce videos which may be aired on local cable television. There will also be an emphasis on compiling student videos and programs into larger productions for possible inclusion into the annual student film festival.

Evaluation: Evaluation will be based on class assignments, quizzes, exams and the quality of the final project.

This course has Expectations for Student Learning 2, 3, 4, 7, and 9 as its primary concern, and also supports Expectations 5 and 8.
