



FINE ARTS VISUAL ARTS

REQUIREMENTS: Freshman Fine Arts course and Art Appreciation or Music History in Junior or Senior Year.

ART APPRECIATION

4262
Grade level: 11, 12
Credit: 0.50

This course is offered every other year – it will be offered in 2010-2011

This advanced level course is designed for students interested in meeting their Fine Arts requirement through the Art Department. Art Appreciation aims to provide students with a general overview of the study of art, including methods and techniques, media and materials, technologies, innovations, artists, art movements, and a general history of art. This is a seminar course, integrated with cooperative learning activities, technology-based research opportunities, and creative arts projects. This course also involves field trips in the form of museum visits and exhibitions. Students taking this course for Honors credit will sign a contract during the first week of class.

ART STUDIO – 2-D DESIGN AP

7224
Grade level: 11 & 12
Credit: 1.0

This course is designed for students who plan to major in Art in college. Students must produce 5 pieces of artwork per quarter and 30 slides of artwork for the year. A portfolio reflecting skill in a variety of media, subjects, and techniques is produced and presented to the College Board for Advanced Placement credit. Summer work will be required upon approval of class and will count toward a percentage of the first quarter grade. The fee is approximately \$90, with additional costs for photographing of work and slide production.

Fee: \$ 90 for AAP Portfolio, \$50 for supplies and \$40 for photos and slides.

Prerequisite: Department approval

CERAMICS 1

5212
Grade level: 10, 11, 12
Credit: 0.50

This course is designed for students interested in exploring the three-dimensional art media of clay. Students will explore the processes of hand building sculpture, glazing, and firing in the creation of finished ceramic pieces. An introduction to the process of throwing on the potter's wheel will also be given, with time allotted for each student to create a piece on the wheel. Freshman Art Scholarship winners may take this course to fulfill the Fine Arts requirement.

Prerequisite: Studio Art or Department approval

Fee: \$ 25

CERAMICS 2

8272
Grade level: 11, 12
Credit: 0.50

This advanced level course is designed to engage the experienced student ceramist in further development of pottery and hand-building skills. Students will expound on knowledge gained in Ceramics 1 to design and produce more advanced ceramic vessels and sculptures.

Fee: \$ 25

Prerequisites: "B+" in Ceramics 1 or Department approval

CERAMICS 3 (Independent Study)

7232
Grade level: 11, 12
Credit: 0.50

This advanced level course is designed for students who show significant ability and knowledge in three-dimensional ceramic design. In order to take this course, students must have earned a B+ or higher in Ceramics 1 and 2. Projects will emphasize the use of the pottery wheel and hand building techniques to design dynamic and college-level sculptural pieces. Students will be required to complete a minimum of four pieces for the semester, and should have ample experience with glazing.

Prerequisites: "B+" in Ceramics 1 and Ceramics 2 or Department approval

Fee: \$ 25

DIGITAL PHOTOGRAPHY 1 **(Students must have a digital camera)**

8242
Grade level: 9, 10, 11, 12
Credit: 0.50

This is a beginning level course for students who wish to develop their artistic talents in photography. It provides a core background in how to use a digital camera along with how to safely store and save photos on computers and storage devices. This course also provides students with the knowledge of printing devices. Along with this course the students will learn the correct way to take photos with different styles of projects throughout the semester. Freshmen Art Scholarship recipients may take this class to fulfill the Freshman Fine Arts requirement. This course fulfills the Fine Arts requirement for all students. Students must have a digital camera.

Fee: \$ 25

DIGITAL PHOTOGRAPHY 2

5252
Grade level: 10, 11, 12
Credit: 0.50

This intermediate level course is for students who wish to develop their artistic talents in photography. It provides a review background in how to use a digital camera. This course also provides students with an advanced knowledge of digital photography. Projects throughout the semester are Architecture Photography (inside and out), Nature Photography (landscape and wildlife), Photojournalism and Event Photography. Students can take Digital Photography 2 or 3 before going on to Digital Photography 4. Students must have a digital camera.

Prerequisite: Digital Photo 1

Fee: \$ 25

DIGITAL PHOTOGRAPHY 3

5282
Grade level: 10, 11, 12
Credit: 0.50

This is an intermediate level course for students who wish to develop their artistic talents in photography. It provides a review background in how to use a digital camera. This course also provides students with an advanced knowledge of digital photography. Projects throughout the semester are People and Portraits, Sports Photography, Sunsets and Night photography (around Erie). Students can take Digital Photography 2 or 3 before going on to Digital Photography 4. Students must have a digital camera.

Prerequisite: Digital Photo 1

Fee: \$ 25

DIGITAL PHOTOGRAPHY 4 (Independent Study)

6222
Grade level: 11, 12
Credit: 0.50

Students selecting the course must produce a photo essay that reflects a specific theme. The theme may be any subject or element of photography that can be a focus of the semester's work. Students have a minimum of 20 images submitted at the end of each quarter. **Students must have a digital camera.**

Prerequisite: Digital Photo 2 or Digital Photo 3

Fee: \$ 25

DRAWING 1

5222
Grade level: 10, 11, 12
Credit: 0.50

This is an intermediate level course for students who wish to develop their artistic talent in two-dimensional media. It provides a background in drawing through the use of various drawing media such as pencil, charcoal, ink, pastels and colored pencil. The materials, methods, processes and techniques involved in the study of drawing are investigated. Units presented will integrate all of the above sections of the practice of art, with a focus on studio projects and assignments. Subject matter from still life to the human figure will be explored, as well as subjects from nature. Freshman Art Scholarship recipients may be eligible to take this class to fulfill the Freshman Fine Arts requirement.

Fee: \$ 25

Prerequisite: Studio Art

DRAWING 2

6272
Grade level: 10, 11, 12
Credit: 0.50

This intermediate level course is designed for students who are seriously interested in further developing their talent in two-dimensional media. This class will encompass an in-depth study of drawing using various media such as pencil, colored pencil, charcoal, pastel, ink/watercolor and mixed media collage. Subject matter will include portraiture, human figure, still life, nature, abstraction and imaginative imagery.

Fee: \$ 25

Prerequisite: "B+" in Drawing 1 or Department approval

DRAWING 3 (Independent Study)

7222
Grade level: 11, 12
Credit: 0.50

Students will complete a minimum of six major drawings that will be evaluated by the student and teacher. A sketchbook will be kept and submitted every two weeks. The sketchbook should reflect brainstorming ideas and practice work in preparation for each of the six major drawings. At least one sketch will be done outside of class each week. Media and subject are completely up to the student, but must be approved prior to beginning the work.

Fee: \$ 25

Prerequisites: "B+" in Drawing 2 or Department Approval

GRAPHIC ARTS 1

8282
Grade level: 10, 11, 12
Credit: 0.50

This course is designed for students who are interested in the field of graphic design. This course will cover areas of design such as advertising, fashion illustration, product design, graphic design, computer-aided designs and architectural design. This is an introductory course to the tools and processes of graphic art. Students must have a digital camera.

Prerequisite: Studio Art

Fee: \$ 25

GRAPHIC ARTS 2

8292
Grade level: 10, 11, 12
Credit: 0.50

This course is the follow-up to Graphic Arts 1. It emphasizes the more advanced techniques and tools of design. Students may work on similar design problems as the Graphic Arts 1 students; however, more creativity and advanced layouts are expected from Graphic Arts 2 students. In addition, this course furthers explores the processes of the Adobe Photoshop® computer program, animation, and graphic design. Students must have a digital camera.

Fee: \$ 25

Prerequisite: "B+" in Graphic Arts 1 or Department approval

GRAPHIC ARTS 3 (Independent Study)

9222
Grade level: 11, 12
Credit: 0.50

A student will complete a minimum of 8 graphic designs. A sketchbook will be kept and submitted every two weeks. The sketchbook should reflect brainstorming ideas and practice work in preparation for each of the graphic designs. Students must have a digital camera.

Fee: \$ 25

Prerequisites: "B+" in Graphic Arts 2 or Department Approval

MASS MEDIA

6252
Grade level: 9, 10, 11, 12
Credit: 0.50

Mass Media is a course that explores all aspects of the media, its place in society, and historical significance. It will involve the students with the history and application of American media including newspapers, radio, television, movies, advertising, marketing, and the Internet. Students will also be responsible for directing, producing and editing the afternoon video announcements. Students may take this course for Honors credit if they do additional assignments (videotaping activities and afternoon announcements). Students taking this course for Honors credit will sign a contract during the first week of class.

Fee: \$ 25

PAINTING 1

5262
Grade level: 10, 11, 12
Credit: 0.50

This intermediate level course is designed for students who are seriously interested in developing their painting skills beyond the basic level. This course serves as an introduction to the intense study of painting and the materials, methods, processes and techniques involved in using the medium. This course also examines the importance of art history, art criticism and aesthetics to the study of the process of painting. Units presented will integrate all of the above sections of the practice of art, with a focus on studio projects and assignments. It is recommended that Drawing 1 be taken before Painting 1.

Prerequisite: Studio Art and Drawing 1 or Department approval.

Fee: \$ 25

PAINTING 2

7272
Grade level: 10, 11, 12
Credit: 0.50

This is an advanced level course designed for students who are seriously interested in further developing their painting skills. This two-dimensional and mixed media course is designed to allow students to explore more advanced methods of painting by investigating various subject matter and media. Technical skill in painting with acrylic and watercolor will be emphasized, and students will also be encouraged to experiment with the inclusion of other two-dimensional media, such as paper, ink, pastel, and charcoal. Students will be self-directed to explore the full capability of paint and brush, and to focus on the development of their own style and process. Competence with painting media and tools is expected.

Fee: \$ 25

Prerequisites: "B+" in Painting 1 and Drawing 1 or Department approval

PAINTING 3 (Independent Study)

9252
Grade level: 11, 12
Credit: 0.50

Students will complete a minimum of four paintings in either watercolor or acrylic media. Acrylic paintings may be done on canvas board or stretched canvas. Watercolors will be done on stretched paper. Students will prepare their own surfaces, choose the appropriate media, and develop their compositions. Media and subject are completely up to the student, but must be approved prior to beginning the work. A sketchbook will be kept and submitted every two weeks. The sketchbook should reflect brainstorming ideas and practice work in preparation for each of the paintings. All preliminary work will also be handed in at the end of each quarter.

Fee: \$ 25

Prerequisites: "B+" in Painting 2 or Department Approval

STUDIO ART

1232
Grade level: 9, 10, 11, 12
Credit: 0.50

This course serves as an introduction to the subject of art, techniques, methods, and materials in the art process. Units presented will integrate the above aspects of the practice of art, with a focus on studio projects and assignments. This course satisfies the Freshman Fine Arts requirement, and is the prerequisite for many higher-level art courses. Students must purchase a sketchbook and drawing kit.

Fee: \$25

TEXTILE DESIGN 1

9262
Grade level: 10, 11, 12
Credit: 0.50

This course is designed for the student interested in an in-depth exploration of wearable and fabric art. Students will gain a stronger knowledge of textile art forms along with fiber application in wall murals, clothing, and sculpture pieces. Projects will include: Macramé, Hand Beading, Vertical Weaving, Fabric Painting, Embroidery and Appliqué.

Prerequisite: Studio Art

Fee: \$ 25

TEXTILE DESIGN 2

5232
Grade level: 10, 11, 12
Credit: 0.50

This advanced-level course is designed for students interested in further study of the applications learned in Textiles 1. This class will encompass an in-depth study of large mural design and construction, an independent wearable art piece, and a cooperative class project. Additionally, a jewelry-making unit will be introduced.

Prerequisite: "B+" in Textile Design 1

Fee: \$ 25

YEARBOOK

6214

Grade level: 10, 11, 12

Credit: 1.0

Students in this course are responsible for the publication of the Villa Yearbook. Students scheduling this course should have mastered basic writing skills, have an eye for design or a photographic experience and a commitment to meet deadlines. Time in school and after school will be required for students. Students will also have to sell Yearbook ads to offset the cost of the book. Students may take this course more than once. Class size is limited to 12 students.

Prerequisites: Submission of application and approval by Yearbook teacher.



FOREIGN LANGUAGE

REQUIREMENTS: 2 consecutive years of the same Language.

ARTICULATION AGREEMENT WITH GANNON UNIVERSITY: Upon matriculation at Gannon University, students can earn 3 credits in Latin (LAT 111) when they earn a B or better in Latin 1 H, Latin 2 H, Latin 3 H and Latin 4 H. Students can earn 2 credits in Spanish (SPAN 111) when they earn a B or better in Spanish 1 H, Spanish 2 H, Spanish 3 H and Spanish 4 H.

LATIN 1 A
LATIN 1 H

1324
1354
Grade level: 9, 10, 11, 12
Credit: 1.0

This course is a complementary approach of traditional and audio-lingual methods applied to language skills of reading, writing, listening, and speaking. While learning basic syntax, the student will also study the culture of the Romans.

LATIN 2 A
LATIN 2 H

2324
2354
Grade level: 10, 11, 12
Credit: 1.0

This course is a continuation of Latin 1 with emphasis placed on the reading and comprehension of texts, as well as other interesting aspects of Roman culture.

Prerequisite for Latin 2 H: "B" in Latin 1 H or "A-" in Latin 1 A or Department approval.
Prerequisite for Latin 2 A: "C-" in Latin 1 A and "S" in Comprehensive Language Exam.

LATIN 3 H

3324
Grade level: 11, 12
Credit: 1.0

This course is designed for the serious and motivated student who wishes to further develop and deepen their skills and knowledge in Latin. A wide range of Latin literature is also presented. There is continued emphasis on reading and comprehension; an added feature is interpretation.

Prerequisite: "B" in Latin 2 H or "A" in Latin 2 A or Department approval.

LATIN 4 H

4324
Grade level: 12
Credit: 1.0

This course is a survey of Latin literature from the 3rd century B.C. up to and including the Era of the Pax Romana. Authors will include Sulpicia, Catullus, Martial, Virgil, Ovid, Horace, Pliny the Younger, Petronius, extracts from The Vulgate Bible, and Cicero's Letters. Students will learn about the cultural and political development of Rome through a close reading of original texts, perfect their translation skills, and enhance their appreciation for, and knowledge of, the many profound connections between classical and modern western culture.

Prerequisite: "B" in Latin 3 H or Department approval.

SPANISH 1 A SPANISH 1 H

1334
1344
Grade level: 9, 10, 11, 12
Credit: 1.0

A proficiency approach to the language skills of listening, speaking, reading, and writing Spanish through the study of basic patterns and structures. A variety of activities will be used to expand and explore the student's knowledge of the Spanish language and the Spanish-speaking world.

SPANISH 2 A SPANISH 2 H

2334
2344
Grade level: 10, 11, 12
Credit: 1.0

This course is a continuation of first year study with emphasis on language structure. Daily life events are presented along with interesting cultural insights to introduce new and current vocabulary and structures.

Prerequisite for Spanish 2 H: "B" in Spanish 1 H or "A-" in Spanish 1 A
Prerequisite for Spanish 2 A: "C-" in Spanish 1 A and "S" in Comprehensive Language Exam.

SPANISH 3 H

3334
Grade level: 11, 12
Credit: 1.0

This course is designed for the serious and motivated student who wishes to further develop and deepen their skills and knowledge in Spanish. A variety of activities and topics will expand student vocabulary and grammar skills. Audiotapes will help polish listening skills. The history of Spain from the early civilizations (Greek, Roman), the monarchies, the Civil War to the present is covered. Selected literary and artistic works will be used to expand knowledge of grammar and culture.

Prerequisite: "B" in Spanish 2 H or "A" in Spanish 2 A or Department approval.

SPANISH 4 H

4344
Grade level: 12
Credit: 1.0

Vocabulary and grammar will be expanded through dialogues, tapes, and songs. More emphasis will be placed on writing and spontaneous speech using directed writings and skits, then expanding to more original projects. Grammar and pronunciation topics will be covered through oral and written activities. Literary and artistic works will be used to expand knowledge of grammar and culture.

Prerequisite: "B" in Spanish 3 H or Department approval.



MATHEMATICS

REQUIREMENTS: 3.25 credits of Math; 1 additional credit in Math and/or Science.

ERIE BUSINESS CENTER ARTICULATION AGREEMENT: Students can earn 3 credits when they receive a grade of B or better in Algebra 2 A or Algebra 2 H.

EDINBORO UNIVERSITY ARTICULATION AGREEMENT: Upon matriculation at Edinboro University of Pennsylvania, students can earn 4 credits (Math 107) when they earn an "A" or "B" in the following classes: Algebra 2 H, Geometry H, Precalculus/Trigonometry H and Calculus H or AP.

GANNON UNIVERSITY ARTICULATION AGREEMENT: Upon matriculation at Gannon University, students can earn 3 credits (MATH 111 or MATH 140) when they earn a B or better in the following classes: Algebra 1 H, Algebra 2 H, Geometry H, Precalculus/Trigonometry H and Calculus H or AP.

NCAA ELIGIBILITY STANDARDS: For Division I colleges, 3 credits of Mathematics are required. For Division II colleges, 2 credits of Mathematics are required. Approved courses are Algebra 1 or above.

ALGEBRA 1 A
ALGEBRA 1 H

1424
1414
Grade level: 9
Credit: 1.0

Algebra 1 provides the foundation for future mathematics courses. It begins the transition from the concrete reasoning of arithmetic to the abstract reasoning of higher mathematics. Students will learn to simplify algebraic expressions, and to solve and graph algebraic equations. They will also apply these skills to solving real world problems. The honors level explores topics in more depth and moves at a faster pace.