

Art

Faculty: Fichner-Rathus, Riccardi, *Co-Chairs;* Allyn, Brooks, Chak, Hutton, Joyce, Kaplowitz, Mackie, McVicker, Miller, Miranda, Nyman, Rigby, Sanders, Taylor

The Department of Art offers the Bachelor of Fine Arts (BFA) degree with majors in Fine Arts, Graphic Design, and Digital Arts, and the Bachelor of Arts (BA) degree with majors in Art Education and Art History. In addition, students may minor in Art History, Fine Arts, or Digital Arts. Courses in art foundation studies and liberal learning are integral parts of the curriculum. The Art Department is committed to providing programs of study which develop a high level of conceptual and technical ability, resources beyond the studio for a broader education in the arts, exposure to and understanding of electronic media and methods of communication, and a balance between a demanding course of professional study and a liberal arts education. The art facility features traditional studios as well as state-of-the-art computing and electronic media labs. The faculty of the Department of Art consists of scholars, exhibiting artists, and active professionals; and it is augmented by guest lecturers and adjunct professors who are practicing professionals in the New York-Philadelphia corridor. The department enjoys an enviable placement record in terms of graduate study and employment, and graduates of the program have attained positions of leadership in their respective fields. The College of New Jersey is located near the major art and design centers of New York and Philadelphia and students are encouraged and often required to visit museums, galleries, design studios, production houses, and other art facilities in these areas.

Admission Requirements

Acceptance to the studio majors (Fine Arts, Graphic Design, Digital Arts, and Art Education) offered by the Department of Art requires a successful portfolio review as well as admission by the College. After the department has received a copy of the student's application from the Office of Admissions, it will assign a portfolio review date. January admission candidates and early-decision candidates are reviewed in November. Regular September admission candidates are reviewed from December through March. The portfolio should consist of approximately 15 **original** works, demonstrating the applicant's drawing and technical skills, creativity, and aesthetic ability. A substantial part of the portfolio should feature drawings (still life, figure, self-portrait, and assorted sketches). In addition, the applicant may present work in other media (painting, printmaking, sculpture, photography, mixed-media, digital media, and video). A limited number of pieces that may be too bulky to be conveniently carried may be included in the portfolio as photographs or slides. Computer disks should **not** be included; however, slides, prints, CDs, DVDs, or videos of computer work are acceptable. Professional presentation of the work is important: finished drawings, prints and other two-dimensional work should be matted or mounted appropriately, although sketches and studies can be loose and paintings need not be framed. All work must be original. Copies of other artists' work should not be included in the portfolio.

Enrollment in Department of Art Courses

Except for art courses which have specific non-art major sections and art history courses, all art courses are restricted to art majors and minors. A non-major student who wishes to enroll in major courses must obtain permission from the chair of the department.

Art minors must report to the department chair for advisement and registration for art courses.

Studio Art Major General Requirements

All studio art majors are required to take AAH 105 and/or 106, 145, and 250; AFA 111, 112, 113; and ADA 180.

While the department supplies many materials, students are required to purchase materials in most studio courses. Art History and studio courses may require field trips at students' expense.

Students who receive a grade of C- or lower in a major required course must repeat the course.

Program Entrance, Retention, and Exit Standards

Every major program at the College has set standards for allowing students to remain in that program, to transfer within the College from one program to another, and to graduate from a program. The following are the standards for art programs. Minimum grades are noted in parentheses:

- Retention in the art studio majors (Fine Arts, Graphic Design, Digital Arts, and Art Education) is based on the following performance standards in these “critical content courses”: AFA 111 (B), AFA 112 (B), and AFA 113 (B).
- Transfer into the art studio majors from another program within the College is based upon the following performance standards in this “foundation course”: AFA 111 (Drawing) (B).
- Retention in the Art History major is based on the following performance standards in these “critical content courses”: AAH 105 (B), AAH 106 (B), and AAH 145 (B).
- Transfer into the Art History major from another program within the College is based upon the following performance standards in these “foundation courses”: AAH 105 (B) and AAH 106 (B).
- Graduation requires a GPA of 2.0 in courses for the program and earning a minimum grade of C- in the following courses: all major courses.

Attendance Requirements

Participation and attendance are considered essential to the learning process. More than two unexcused absences will be considered detrimental to the student's final grade.

Transfer Students

Transfer students into studio art majors are required to take a minimum of 12 course units in TCNJ's Department of Art. The 12 course unit minimum cannot include credit by examination, student teaching, or internships. Portfolio admission requirements are explained under the admission requirements section above. Transfer students should include a copy of their transcript(s) with their portfolio.

Transfer students into the Art History major are required to take a minimum of 6 course units in TCNJ's Department of Art. The 6 course unit minimum cannot include credit by examination or internships.

The College Art Gallery

Masterson, *Director*

The Department of Art offers a program of diversified exhibitions throughout the academic year which includes national juried drawing and printmaking exhibitions. Additionally, there is an annual student exhibition with numerous awards. Students are encouraged to participate in the gallery program as gallery assistants.

Art Students' Organizations

The Department of Art sponsors the student organization, the Art Students Association (ASA). Students are invited to join and become active members.

Fine Arts Major (ARTA)—BFA Degree

The Fine Arts curriculum consists of an intensive foundation in drawing, 2D and 3D design, color theory, digital arts, a variety of studio disciplines, and a core of art history courses. It culminates in the Bachelor of Fine Arts degree. The Fine Arts program offers a flexible course of study in which students may follow a specific advanced curriculum in the major fine arts, or may design their own advanced curriculum through faculty advisement and critique. The senior year includes two capstone courses which result in an exhibit of senior thesis work.

The Fine Arts program takes advantage of the College's proximity to major museums, galleries, and collections in New York, Philadelphia, and Washington to broaden students' exposure to current trends and traditional concepts and techniques. Students begin to focus on the professional aspects of their careers early on and are encouraged to exhibit work throughout the College campus as well as in the annual student exhibit and other venues.

Advanced studio courses may be repeated for credit to gain the desired depth in the studio areas. Independent study is available to upper-level art majors with three courses in a studio or lecture area in which they have earned a minimum 3.33 GPA. A minimum of 12 course units must be taken in the Art Department at The College of New Jersey. Personal advisement and portfolio preparation counseling are available to those students who wish to prepare for graduate school.

Course Requirements

Major Core:

- AFA 111/Drawing I
- AFA 112/Conceptual Art Studio
- AFA 113/Color Theory and 2D Design
- AFA 118/3D Design
- ADA 180/Digital Arts: Imaging I

Major Options/Concentrations: (one course unit each unless otherwise indicated)

- AFA 280/Photography I
- ADA 278/Digital Arts: Imaging II
- AFA 130/Sculpture I
- AFA 201/Figure Drawing
- AFA 211/Painting
- AFA 202/Printmaking
- Fine Arts Advanced Studio (4 courses)
- AFA 498/Fine Arts: Theory and Practice
- AFA 499/Fine Arts Thesis Project
- Art History (3 courses)

Recommended First Year Program of Study

First Semester

FSP	First Seminar	1 course unit
AFA	111/Drawing I	1 course unit
AFA	112/Conceptual Art Studio	1 course unit
AFA	113/Color Theory and 2D Design	1 course unit

Second Semester

AFA	118/3D Design	1 course unit
ADA	180/Digital Arts: Imagining I	1 course unit
AAH	105/Art History I	
	or	
AAH	106/Art History II	1 course unit
WRI	102/Writing (if not exempted)*	1 course unit

**It is recommended that students exempted from this course take another liberal learning course.*

Total for year

8 course units

Fine Arts Minor Concentration Options

Requires a portfolio review and permission of the department chair. A minimum of 4 course units must be taken with The College of New Jersey Department of Art.

AAH	106/Art History II	1 course unit
AFA	111/Drawing I	1 course unit
AFA	113/Color Theory and 2D Design	1 course unit
AXX	XXX/Art Studio	1 course unit
AXX	XXX/Art Studio	1 course unit

Total required

5 course units

Digital Arts Major (ARDA)—BFA Degree

Faculty: Allyn, *Coordinator*

Admission to the major requires a portfolio review in addition to admission to the College.

The Digital Arts major features an intensive core curriculum (and a range of options) in specifically digital media such as Imaging and Photography, Video, Time-based Media, Sound Design, Animation, Web Design—both Static and Dynamic, and Interactive and Performance Media.

Upon graduating with a BFA in Digital Arts, TCNJ students will be highly prepared to either continue their education as strong candidates at the most competitive graduate programs in New Media or to enter professional fields among the most skilled digital artists in an increasingly competitive job market.

The essence of the Digital Arts curriculum is the study of art (in both studio and seminar classes) that is originated, created and/or outputted with the use of digital technologies. The course of study parallels the development of art and technology in western culture from still photography, to the moving image, to electronic interactivity, and to the production of immersive environments, utilizing the latest digital tools available. The fundamental principle underlying the curriculum is that student artists must understand and develop the historical, aesthetic, conceptual, and technical aspects of the digital arts within the larger context of art-making.

The Digital Arts student can choose to specialize in a particular area or opt for broad and comprehensive exposure to media in the discipline. The student's creative visual language is developed in foundation courses of fine arts, which introduce a rigorous practice in drawing, color theory, design, conceptual analysis, introductory digital courses, and photography. The exemplary educational background The College of New Jersey offers—one that emphasizes "creative expressions," "critical thinking," and a "cultural, social, and intellectual life enriched and enlivened by diversity"—is integral to the curriculum. Second year study incorporates student learning of

foundational skills with new technical forms that include interactive art and design, time-based media (video and animation) and web design. Third year students specialize in a Digital Arts component to further develop their aesthetic, technical and conceptual abilities. The final year is comprised of advanced research and study in the Digital Arts that ensure both conceptual and technical maturation of each student.

Course Requirements

Major Core:

AFA 111/Drawing I
AFA 112/Conceptual Art Studio
AFA 113/Color Theory and 2D Design
AFA 118/3D Design
ADA 180/Digital Arts: Imaging I

Major Options/Concentrations: (one course unit each unless otherwise indicated)

AFA 280/Photography I
ADA 278/Digital Arts: Imaging Sound
ADA 283/Digital Photography
ADA 285/Digital Arts: Time-Based
ADA 278/Digital Arts: Imaging Sound
ADA 385/Digital Arts: Interactive
ADA 288/Web Design I: Static
ADA 388/Web Design II Dynamic
ADA 380/Video Art I: Single Channel
ADA 387/Video Art II: Installation/Performance
ADA 498/Digital Arts: Theory/Practice
ADA 499/Digital Arts: Thesis Project
Art History (3 courses)

Recommended First Year Program of Study

First Semester

FSP 101/First Seminar	1 course unit
AFA 111/Drawing	1 course unit
AFA 112/Conceptual Art Studio	1 course unit
AFA 113/Color and 2D Design	1 course unit

Second Semester

AAH 105/Art History I	
or	
AAH 106/Art History II	1 course unit
ADA 180/Digital Art: Imaging I	1 course unit
AFA 280/Photography I	1 course unit
WRI 102/Academic Writing (if not exempted)*	1 course unit

**It is recommended that students exempted from this course take another liberal learning course.*

Digital Arts Minor

Requires a portfolio review and/or permission of the Digital Arts Coordinator.

AFA 111/Drawing

or

AFA 113/Color Theory and 2DDesign	1 course unit
AFA 112/Conceptual Art Studio	1 course unit
ADA 180/Digital Arts: Imaging I	1 course unit
ADA 285/Digital Arts: Time-based	1 course unit
ADA 288/Web Design I	1 course unit

Art History Program (ARTH)

Riccardi, *Coordinator*

The Art History program offers a BA in Art History to majors and also serves as part of the foundation program for other Department of Art majors. It also provides a minor for students majoring in art or any other field. Art history is a scholarly, academic discipline, and its study sharpens critical thinking and strengthens both writing and analytical skills. The program offers varied and exciting courses that include topics such as Non-Western Art, Women Artists in History, and various period studies. Students in a wide variety of majors may also use selected art history courses to fulfill liberal learning requirements. Students in the Honors Program further have the opportunity to combine the history of art with other disciplines such as history or literature in dynamic courses such as Paris Between the Wars, Cities and Sanctuaries of Greece and Rome, and The Holocaust in Art and Literature.

Art History Major

The major provides students with both broad introductory courses and specialized geographical and chronological studies emphasizing theory, methodology, and historiography of the discipline through a curriculum designed to provide both a well-rounded foundation and advanced study in the discipline. The program utilizes the varied resources of museums and collections in the area through field trips and specialized object research. In order to promote cross-cultural exchange and exposure to art outside the area, students enrolled in the Art History major are required to study abroad for at least a summer and preferably a semester. The curriculum culminates in a senior capstone experience that allows Art History majors to develop an original research project and to demonstrate their critical thinking skills.

Art History

Course Requirements

Major core: (one course unit each)

- AAH 105/Art History I
- AAH 106/Art History II
- AAH 105/Introduction to Non-Western Art
- AAH XXX/One course exploring women artists in history
- AAH XXX/Art History Senior Seminar

Major Options/Concentrations (one course unit each unless otherwise indicated)

- Ancient or Medieval Art (300 level or above)
- Renaissance or Baroque Art (300 level or above)
- Modern or American Art (300 level or above)
- Fine Art course
- 2 Art History courses (300 level or above)

Recommended First Year Program of Study

First Semester

FSP 101/First Seminar	1 course unit
AAH 105/Art History I: Caves to Cathedrals	1 course unit
Foreign Language (if not exempted)	1 course unit
Liberal Learning	1 course unit

Second Semester

AAH 106/Art History II: Renaissance to Revolution	1 course unit
WRI 102/Academic Writing (if not exempted)*	1 course unit
Foreign Language (if not exempted)	1 course unit
Liberal Learning	1 course unit

Total for year

8 course units

**It is recommended that students exempted from these courses take another liberal learning course.*

Art History Minor

Requires permission of the department chair. The minor consists of 5 course units, and may count no more than 1 course also taken for the major.

Art History Minor Program of Study for Art Majors:

The minor consists of five courses as follows:

Required—3 courses total

AAH 105/Art History I: Caves to Cathedrals
AAH 106/Art History II: Renaissance to Revolution
Women Artists in History

Options—2 courses total

Ancient, Medieval, or Non-Western Art History, 300 level or above
Renaissance, Baroque, 19th-Century Art, Art of the United States, or Contemporary Art History, 300 level or above

Total required

5 course units

Art History Minor Program of Study for non-Art majors

The minor consists of five course units as follows:

Required—2 courses total

AAH 105/Art History I: Caves to Cathedrals
AAH 106/Art History II: Renaissance to Revolution

Options—3 courses total

Ancient, Medieval, or Non-Western Art History, 300 level or above
Renaissance, Baroque, 19th-Century Art, Art of the United States, or Contemporary Art History, 300 level or above
Introduction to Non-Western Art or Women Artists

Graphic Design Major (ARTC)—BFA Degree

Mackie, *Coordinator*

The BFA program in Graphic Design approaches the profession as an interdisciplinary, cross-media field that is rooted in the fine arts. Students learn to give form and expression to the content of our culture and become creators and interpreters of the environment in which we live. They must be able to perceive and adapt to changing cultural demands and to the changing design field. As the design field continues to expand into new media and new environments, designers are confronted with exciting intellectual and technological challenges. Students must be prepared to meet these new challenges, possess the educational background to develop original ideas and solve a wide range of design problems.

After completing the Graphic Design major, students will be able to demonstrate knowledge and skills in the following areas: creative problem solving, use of technology and relevant traditional graphic design skills, understanding of history and contemporary issues in design, visual and critical research, writing and communication skills, and design practice. During the students' capstone experience, Senior Research and Seminar, students will focus on advancing their personal vision through design research, writing, and innovative design projects. They will develop an original body of work that will culminate in a portfolio and portfolio review, a presentation of students' portfolios to the public and the graphic design community.

Course Requirements

Major Core

AFA 111/Drawing I
AFA 112/Conceptual Art Studio
AFA 113/Color Theory and 2 D Design
AFA 118/3D Design
ADA 180/Digital Arts: Imaging I

Major Options/Concentrations: (one course unit each unless otherwise indicated)

AGD 160/GD1: Introduction to Graphic Design
AGD 276/GD2: Computers for Designers
AGD 261/GD3: Typography I
AGD 264/GD4: Words and Images
AGD 364/GD5: 3D Graphic Design
AGD 360/GD6: Identity
AGD 361/GD7: Advanced Typography
AGD 498/GD8: Senior Research
AGD 499/GD9: Senior Seminar
2D Studio Art
AGD 420/G.D. History/Issues
Studio Art
Art History (3 courses)

Recommended First Year Program of Study:

First Semester

FSP First Seminar	1 course unit
AFA 111/Drawing 1	1 course unit
AFA 112/Conceptual Art Studio	1 course unit
AFA 113/Color Theory & 2D Design	1 course unit

Second Semester

AFA 118/3D Design	1 course unit
ADA 180/Digital Arts I: Imaging I	1 course unit
AGD 160/GD1: Introduction to Graphic Design	1 course unit
WRI 102/Academic Writing (if not exempted)*	1 course unit

**It is recommended that students exempted from this course take another liberal learning course.*

Art Education Major (ARTT) – BA Degree

Taylor, *Coordinator*

The conceptual framework for Art Education, as for all programs in professional education at The College of New Jersey, is creating exemplary professionals. Themes and outcomes associated with that framework are described in the School of Education section of the bulletin.

The Art Education major offers a Bachelor of Arts degree and qualifies an individual for New Jersey State Art Teacher Certification, kindergarten through twelfth grade. The required curriculum includes a full range of art studio, art history, and art therapy courses. Students are given opportunities to experience actual classroom environments and situations through observations and teaching practicum in both the junior and senior years. This program is designed to prepare the student as both artist and teacher.

Required studio courses include digital arts, drawing, design, painting, printmaking, sculpture, photography, and the crafts. These courses and the required Sophomore Professional Experience, Art Education/Elementary and Secondary and Principles and Practices in Art Education lead to student teaching. A full semester of student teaching offers experiences at both elementary and secondary levels.

Candidates for a teacher-education certificate must have a 2.75 cumulative grade point average to successfully complete their teacher education program. They must also meet the state hygiene/physiology requirement and pass the appropriate Praxis examination before the New Jersey State Department of Education will issue the appropriate certificate. Teacher-education candidates will receive a ‘certificate of eligibility with advanced standing’ which requires a candidate to be provisionally certified for his or her first year of teaching. After one year of successful teaching, the candidate is eligible for a permanent certificate. The teacher candidate will also have to pay a fee during his or her first year of teaching.

Students may take art therapy courses as an art option/elective. Art therapy certification may be obtained through completion of a graduate program in art therapy.

Course Requirements

Major Core:

- AAH 105/Art History I
- AAH 106/Art History II
- AFA 111/Drawing I
- AFA 112/Conceptual Art Studio
- AFA 114/Color Theory and 2D Design
- AFA 130/Sculpture I

Major Options/Concentrations:

- AAH 145/Introduction to Non-Western Art
- ADA 180/Digital Arts: Imaging I
- AFA 201/Figure Drawing

AFA 202/Printmaking
AFA 211/Painting
AHA 250/Contemporary Art
AFA 280/Photography I
Art Crafts Course

Professional Education Sequence

AAE 273/Sophomore Professional Experience
AAE 350/Orientation to Art Therapy
AAE 373/Art Techniques for Art Education: Elementary
AAE 374/Art Techniques for Art Education: Secondary
AAE 375/Principles, Practices, and Materials in Art Education
AAE 490/Student Teaching (2 course units)

Recommended First Year Program of Study

First Semester

FSP 101/First Seminar	1 course unit
AFA 111/Drawing	1 course unit
AFA 112/Conceptual Art Studio	1 course unit
AFA 113/Color Theory and 2D Design	1 course unit

Second Semester

AFA 130/Sculpture	1 course unit
AFA 211/Painting	1 course unit
AAH 105/Art History I	1 course unit
WRI 102/Academic Writing (if not exempted)*	1 course unit

**It is recommended that students exempted from this course take another liberal learning course.*

FINE ARTS COURSES

AFA 101/Experiencing Art **1 course unit**
(with studio)
(every semester)

This course will contain four three-week modules that will explore different media and different goals in the process of making and looking at art: 1) two dimensional; 2) three dimensional; 3) digital imaging; and 4) interactive. The curriculum will be introductory in nature, offering a conceptual explanation of and hands-on experience with fundamental concerns of understanding and creating works of art. Students will be rotated through the different modules. In each module they will be presented with a theoretical context and receive instruction and practice in each.

AFA 111/Drawing I **1 course unit**
(with studio)
(every semester)

The purpose of the course is to cultivate the student's ability to express ideas visually and develop confidence in drawing a variety of subjects with diverse materials. Exercises cultivate skill in determining composition, rendering geometric shapes, depicting perspective and three dimensional illusion, fashioning light, shade, proportion, scale, surface and textures as well as arranging still life composition. Field trip(s) required.

AFA 112/Conceptual Art Studio**1 course unit**

(with studio)
(every semester)

Conceptual Studio initiates investigation into current forms of artistic production. At the heart of Conceptual Art lies the question “What is Art?” Conceptual Art challenges the traditional status of the art object as product and refocuses artistic creativity in the process of art making, the ideas invoked, and the meaning of cultural production. Among the approaches to art making that will be researched and put into practice will be the readymade, public intervention, performance and ephemeral works, language and the use of signifiers.

AFA 113/Color Theory and 2D Design**1 course unit**

(with studio)
(every semester)

This course provides essential concepts and skills necessary to function as a visual artist (graphic designer, digital artist or traditional fine artist). Strong emphasis is placed on the visual component of art; how to apply the elements of art (line, shape, color, texture and space) in order to accomplish one’s subjective goal. Color, as a visual element, is singled out in this course because of its complexity, importance in our visual environment, and the limited knowledge entering students have regarding the subject.

AFA 118/3D Design**1 course unit**

(with studio)
(annually—spring)

A studio investigation of three-dimensional design and spatial relationships. Emphasis is on the visual elements and principles of design, and will include a variety of design sources: nature, technology, materials, fine art, and architecture.

AFA 130/Sculpture I**1 course unit**

(with studio)
(every semester)
Prerequisite: AFA 118

A studio investigation of the fundamental concepts, tools and techniques of sculpture. Emphasis on the relationships between volume, texture, and space, and personal efforts to join form, content, and process within a unified sculptural expression.

AFA 201/Figure Drawing**1 course unit**

(with studio)
(every semester)
Prerequisite: AFA 111

This studio course is designed to cultivate skills necessary to reproduce the human figure on a two-dimensional surface and to appreciate the figure’s influence in the visual arts. By means of figure drawing exercises to isolate the form and incorporate lighting and focus on detail, students explore personal characteristics of body type, age and gender. Assignments address the uniqueness of the human body’s capacity to communicate nuance through gesture and position. Field trip(s) required. May be repeated.

AFA 202/Printmaking**1 course unit**

(with studio)
(every semester)
Prerequisites: AFA 111, AFA 112, and AFA 113

A studio investigation of fine art printmaking techniques. Print production, the making of etchings, aquatints, engravings and collage prints will be explored through creative projects. Emphasis on exploring experimental, contemporary developments of printmaking techniques.

AFA 211/Painting **1 course unit**
(with studio)
(every semester)

Prerequisites: AFA 111, AFA 112, and AFA 113

An introductory studio investigation of the concepts and techniques of painting, and the major historical painting styles. Emphasis is on the development of painting as a foundation for the development of a personal visual language. Acrylic or oil media may be used.

AFA 220/Jewelry Design **1 course unit**
(with studio)
(annually—fall)

A studio investigation of jewelry design. Emphasis on the creative use of materials, tools, and techniques necessary to express an idea through wearable adornments. Technical concentration on fabrication techniques, piercing, smithing, forging, etching, surface treatment, and stone setting.

AFA 221/Fiber Art **1 course unit**
(with studio)
(occasionally)

An introductory studio investigation of the media of fiber and fabric. Emphasis on the various techniques of stitching, stuffing, knotting, dyeing, weaving, and creative problem solving.

AFA 226/Ceramics **1 course unit**
(with studio)
(every semester)

A studio investigation of clay as an artistic medium. Emphasis on the properties and potential of clay and glazes for use in personal expression, and the evolution of pottery as form, color, and decoration.

AFA 230/Advanced Sculpture **1 course unit**
(with studio)
(occasionally)

Prerequisite: AFA 130

Continued investigation of the relationships of form, media, and personal expression. Advanced technologies in working with metal, wood, stone, and acrylics will be explored. May be repeated.

AFA 280/Photography I **1 course unit**
(with studio)
(every semester)

Photography I introduces students to traditional photographic equipment and practice using light to create art. With an emphasis on personal vision, this course is designed to develop art-related technological skill, personal aesthetics, an awareness of the history of photography, and critical thinking. At the introductory level, the student will become proficient in using a manual 35mm camera to create photographic prints.

AFA 281/Documentary Photography **1 course unit**
(with studio)
(annually spring)

This course will focus on understanding and creating documentary photography while exploring its history, traditions and role in contemporary society. The photograph will be investigated as evidence, especially its application to scientific and anthropological proofs and the documentary image's potential within a broader program of social reform. Reading and lectures will explore how photojournalists greatly expanded the boundaries of documentary photography through new mass media publications and how documentary photography also made its first significant inroad into the world of fine art. The course will focus on the idea of the documentary as an approach inseparable from the photographer's particular viewpoint and aesthetic concerns.

AFA 301/Advanced Drawing

1 course unit

(with studio)

(spring)

Prerequisites: AFA 111, AFA 201, or permission of instructor

Continued studio investigation of drawing as a means of personal expression. Emphasis on a more intense employment of a variety drawing media applied to creative, personal visual expression. May be repeated.

AFA 302/Advanced Printmaking

1 course unit

(with studio)

(occasionally)

Prerequisite: AFA 202 or permission of instructor

Specialization in one printmaking medium: lithography, serigraphy, intaglio, relief, collography, etc. Emphasis on exploring a creative, contemporary application of these techniques. May be repeated.

AFA 305/Art Photography

1 course unit

(with studio)

(every semester)

Prerequisite: AFA 280

This course explores advanced photography with traditional and alternative-process techniques. Students will be challenged to investigate and explore his or her own creative direction. Students are expected to complete this course with technical proficiency and to have a fuller understanding of photography's critical context in contemporary art. May be repeated.

AFA 311/Advanced Painting

1 course unit

(with studio)

(spring)

Prerequisite: AFA 211 or permission of instructor

Continued studio investigation of the medium of painting as a means of personal expression. Emphasis on the development of advanced technical, and stylistic original work, and the creative processes artists use in the development of a painting. May be repeated.

AFA 315/Watercolor

1 course unit

(with studio)

(occasionally)

Prerequisites: AFA 111, 112, 113, 201, 211

A studio investigation of watercolor as a painting medium. Emphasis on the uniqueness of watercolor as a transparent painting medium, historical developments, and the development of personal expression. May be repeated.

AFA 320/Advanced Jewelry Design

1 course unit

(with studio)

(occasionally)

Prerequisite: AFA 220

Continued studio investigation of jewelry making techniques and materials. Emphasis on the refinement of fabrication skills, problem-solving techniques, and the development of personal expression through unique wearable adornments. May be repeated.

AFA 325/Puppetry—A Creative Approach

1 course unit

(with studio)

(occasionally)

Prerequisite: One fine arts course

A studio investigation of puppet theater as a form of artistic visual communication. Emphasis on the techniques used to create and manipulate puppets, culminating with performances by student puppeteers.

AFA 326/Advanced Ceramics

1 course unit

(with studio)

(every semester)

Prerequisite: AFA 226 or permission of instructor

A continued studio investigation of fine art ceramic techniques and methods. Emphasis on techniques of wheel-throwing and hand assembly, creative ceramic design, historical pottery perspectives, and empirical glaze chemistry and calculation. Students develop their own glazes and clay bodies, culminating in completed creative sculptural or utilitarian forms. May be repeated.

AFA 370/Topics in Art

1 course unit

(occasionally)

Prerequisites: One art course and permission of instructor

Offered as either a studio and/or lecture class with a differing focus (e.g., current trends in art, the creative process and visual art, etc.) each time. May be repeated.

AFA 381/Photography II

1 course unit

(with studio)

(occasionally)

Prerequisite: AFA 280

Photography II introduces students to the operation of 4x5 view cameras while building upon the foundations of photography that students learned in Photography I. The course provides a hands-on experience and studio practice while emphasizing the study of studio works by photographic masters. Working in the medium of color photography, students will be challenged to explore their own unique photographic voice through a variety of assignments and group critiques.

AFA 391/Independent Study

1-2 course units

(every semester)

(May not be taken as a substitute for any other course)

Prerequisites: Enrollment as an upper division fine arts major; student must have taken a minimum of three courses in the fine arts. These courses must be completed with a 3.33 average. Preregistration with signed approval of an art faculty sponsor and of department chair required.

Independent study is for students engaged in advanced work only, and is an opportunity to develop personal interests and strengths within the major field. Emphasis is on individual, self-guided work under the supervision of a faculty adviser and/or committee. May be repeated.

AFA 399/Internship

1-2 course units

(every semester)

Prerequisites: Enrollment is limited to upper division program majors or minors with at least a 3.0 GPA in that program. See Internship Application Form for individual program requirements and details. Pre-registration with Internship Application Form and signed approval of the program coordinator, the department chair, and an art faculty sponsor.

The primary purpose of the college-level internship experience is the development of occupational or professional competence in the actual occupation setting after the student's education has been completed. Other purposes (income, career exploration, learning-by-doing, on-the-job training, etc.) cannot be the primary purpose, though they may occur as a secondary result of the internship experience.

AFA 498/Fine Arts: Theory and Practice

1 course unit

(annually—fall)

Prerequisites: Open only to students with senior standing in the fine arts major or by permission of the fine arts coordinator

The course is designed to develop the student's understanding of theoretical material and issues in contemporary fine arts. The course will be composed of readings, seminar discussion, field investigations, and class and faculty critique. Field investigations will include gallery visits, meetings with curators, and visits to artists' studios. This exposure will enhance the student's knowledge and understanding of issues related to the art profession. Students will be required to research a relevant topic in contemporary art and present this material to the class and instructor. Student research will be guided by individual, class, and faculty critiques in the initial development of their Senior Thesis Project. This will culminate in a Senior Thesis Exhibit in AFA 499, the sequel to this course.

AFA 499/Fine Arts: Thesis Project

1 course unit

(with studio)

(annually—spring)

Prerequisite: AFA 498 or by permission of fine arts coordinator

Intensive research and study within a studio concentration which culminates in the public presentation of the senior exhibit. The student will be required to prepare and present this body of work, their visual thesis, for critical review to an Art Faculty Committee prior to its public presentation in the Senior Fine Arts Exhibition. Additionally, the student will be required to present a written component to the visual thesis which describes in full the processes and the outcomes of the senior research.

DIGITAL ARTS COURSES

ADA 180/Digital Arts: Imaging I

1 course unit

(with studio)

(every semester)

Prerequisites: AFA 111, AFA 112, AFA 113

A guided studio experience in digital art with emphasis on 2D digital imaging. This introductory course considers the creative possibilities of graphics' computing as well as the historical, conceptual, technical, and contemporary background of computers and digital arts. Students will use computer imaging and illustration to convey artistic concepts and personal observations pertaining to defined themes. Prior experience with the computer is not required. Extra lab hours outside of class meeting times will be required to complete assignments.

ADA 278/Digital Arts: Imaging Sound

1 course unit

(with studio)

(annually—spring)

Prerequisite: ADA 180

An investigation of the creative and technical design of digital sound in a variety of contexts and mediums using the computer, time-based media, and the Internet. Emphasis is placed on understanding the conceptual and technical challenges of sound and the role it plays in communication when combined with visuals. Techniques of recording, generating, editing, synchronizing, and manipulating sound data and conceptual issues of noise, sound and music will be covered in depth. Emphasis is placed on developing a keen awareness of the evocative, informational, and temporal possibilities that sound offers in connection to the students' visual work from other classes.

ADA 283 /Digital Photography

1 course unit

(with studio)
(annually—fall)

An in-depth investigation of the tools and techniques of digital photography including the digital camera, scanners, printing, and image-editing software (Adobe Photoshop). Through the use of the digital camera and digital imaging, students are challenged to create work that strikes a balance in form, content, and technique. The conceptual and theoretical characteristics of digital photography will be evaluated within a broad cultural context. Experience with digital photography is not required, although traditional darkroom experience is recommended, along with basic computer skills.

ADA 285/Digital Arts: Time-Based

1 course unit

(with studio)
(every semester)

Prerequisite: ADA 180

Introduces the concepts, theory, and fundamental practices of working with time-based media. Students will apply the technical and conceptual skills of image manipulation learned from Digital Arts I. Students will investigate the photographic frame, sequencing, and narrative construction. The relationship of image to time, image to text, and image to sound will be the base of examination. Students learn “in-camera” editing techniques in conjunction with storyboarding and basic operations for developing imagery through time. They are given project “provocations” to challenge their notions of photo/video structure and functions. They are exposed to innovative work in the field and are required to read related writings.

ADA 288/Web Design I: Static

1 course unit

(with studio)
(every semester)

Prerequisite: ADA 285 or AGD 276

An introduction to web production and design first using HyperText Markup Language (HTML) and then various software programs. The course consists of lectures and demonstrations on the creation of websites as well as the hardware and software technologies used for web production. The use of the internet as an expressive medium by contemporary visual artists is also explored.

ADA 380/Video Art I: Single Channel

1 course unit

(with studio)
(annually—fall)

Prerequisite: ADA 285

Video Art I builds on time-based knowledge and skills learned in ADA 285/Digital Arts: Time-Based. It advances student's technical and conceptual understanding of video with an emphasis on editing and building a personal vocabulary. Students will focus on production skills (using different sound sources, lighting, and advanced framing) and post-production skills (codex, complex editing, and compositing) while further developing a conceptual approach to this medium. This course will look at the digital medium of the QuickTime movie as a turning point of video/film in an art context; works by innovators in the field of single-channel video artists are studied. Required reading and writing assignments will investigate video art history and current theories and practices with the medium. The course will be taught by demonstration, lecture, presentations, and critiques.

ADA 385/Digital Arts: Interactive**1 course unit**

(with studio)

(every semester)

Prerequisite: ADA 285

The course presents a foundation in translating general cognitive skills into creating virtual metaphors and physical objects or spaces that invite participation by viewers. Students will begin with careful observation and synthesis of their physical environments and move toward creatively weaving original analysis and information into visual and audible interactive allegories. Course content also includes a survey of related multi-media and interactive formats employed by artists and designers.

ADA 387/Video Art II: Installation/Performance**1 course unit**

(with studio)

(annually—spring)

Prerequisite: ADA 380

An exploration of the advanced aesthetic, conceptual, and technical aspects of digital video in relation to performance and installation art. This course focuses on themes such as gesture, movement, space, and body; site-specific work; architecture and definitions of space; uses of light and material; and the formation of an event or situation. Software to be covered includes Toast, SoundEdit 16, Media Cleaner, Adobe After Effects, and Adobe Premiere. Gallery and museum field trips, as well as attendance at artist lectures, required.

ADA 388/Web Design II: Dynamic**1 course unit**

(with studio)

(annually—spring)

Prerequisite: ADA 288

A continuation of Web Design I, this course focuses on creating database-driven websites and the production of streaming media, extending the student's technical and creative skills beyond design to the construction of web applications. Students learn to integrate front-end design with multimedia content that is stored in and retrieved from database storage. Goals include the mastery of software such as Macromedia Flash and the Flash scripting language, ActionScript.

ADA 498/Digital Arts: Theory and Practice**1 course unit**

(with studio)

(annually—fall)

Prerequisite: Open only to students with senior standing in the digital arts major or by permission of digital arts coordinator

The 20th century marked the advent of visual artists employing electronic equipment to develop creative works, from mechanical sculptures to film, television and radio to evolving digital processes. This class offers an informed historical vision of the developments that have brought us to a contemporary artistic world that embraces emerging technologies as a creative medium. A critical understanding of how culture and technology are interwoven and how it is that these two elements of human experience affect one another is investigated. The course content includes an introduction to various artists using electronic media, video, robotics and the Internet as well as a chronological timeline of the development of new media.

ADA 499/Digital Arts: Thesis Project**1 course unit**

(with studio)

(annually—spring)

Prerequisite: ADA 498

Open only to students with senior standing in the digital arts major or by permission of the digital arts coordinator. Senior Thesis is the culmination of the digital arts major. The class presents the student the opportunity to create a capstone project. The student will undertake research and study in the student's area of specialization i.e., animation, video, interactive design and programming, Web design and programming, or any combination of the various processes, under the supervision of the digital arts faculty. The student will be required to present a written thesis pertaining to the student's specialization, an oral presentation, and a finished work for display.

ART HISTORY COURSES**AAH 105/Art History I: Caves to Cathedrals****1 course unit**

(every semester)

An introduction to the history of art through the examination of major monuments of western architecture, painting, sculpture, and minor arts from prehistoric times to the beginning of the Renaissance. Emphasis is placed on art created for or by the dominant cultural centers of civilizations falling within this timeframe. For art history majors and minors, studio art majors, and students seeking to fulfill goals of the Liberal Learning program as one of the Literary, Visual, and Performing Arts courses.

AAH 106/Art History II: Renaissance to Revolution**1 course unit**

(every semester)

An introduction to the history of art through the examination of major monuments of Western architecture, painting, sculpture, and minor arts from the beginning of the Renaissance to the 1848 French Revolution. Emphasis is placed on art created for or by the dominant cultural centers of civilizations falling within this timeframe. For art history majors and minors, studio art majors, and students seeking to fulfill goals of the Liberal Learning program as one of the Literary, Visual, and Performing Arts courses.

AAH 145/Introduction to Non-Western Art**1 course unit**

(every semester)

An introduction to the art of non-Western civilizations through a comparison of the expressive and applied arts as reflections of cultural traditions. Slide lectures will be supplemented with discussions, library research, and museum field trips. Field trips may be required at student expense.

AAH 250/Contemporary Art**1 course unit**

(every semester)

The history, criticism, and theory of contemporary art from the 1940s to the present. Course coverage begins with the shift of the center of the art world from Paris and Berlin to New York City in the post-war era. All major movements of the latter 20th Century will be examined, including Abstract Expressionism, Pop, Minimalism, Conceptual Art, Postmodernism, Feminism, Neo-Expressionism, and developments in digital art. Field trips required. For art studio majors.

AAH 343/Looking at Women: Representation, Feminisms, and Film**1 course unit**

(every semester)

(same as WGS 305 and COM 343)

An exploration of the impact of feminism on film theory, criticism, and production. Emphasis is placed on issues of representation, spectatorship, questions of ethnicity, and hybrid sexualities. Hollywood, independent films, and new media forms will be investigated through screenings and readings.

AAH 344/Art of the Renaissance**1 course unit**

(occasionally)

An investigation of the art of the Renaissance, beginning with Giotto and continuing through the Mannerist phases of the late 16th century in Italy. The art of the northern Renaissance between 1400 and 1600 will be included. Field trips may be required at student expense.

AAH 347/19th-Century Art**1 course unit**

(occasionally)

An historical survey of the art of the 19th century from the rise of Neoclassicism through Romanticism and Realism to Postimpressionism and Art Nouveau. Field trips may be required at student expense.

AAH 348/Art of the United States**1 course unit**

(occasionally)

An historical survey of the development of an American style in the visual arts, including painting, sculpture, and architecture from colonial times to the present. Field trips may be required at student expense.

AAH 370/Topics in Art History**1 course unit**

(occasionally)

This course may be offered as a lecture and/or seminar. Topics in Art History focuses on a different topic with each offering (e.g., current trends in art history, special offerings). May be repeated as topic changes.

AAH 391/Independent Study in Art History**1-2 course units**

(every semester)

(May not be taken as a substitute for any other course)

Prerequisites: Enrollment as an upper division art history major or minor; student must have taken a minimum of three courses in art history. These courses must be completed with a 3.33 average. Pre-registration with signed approval of an art history faculty sponsor and of department chair required. Independent study is for students engaged in advanced work only, and is an opportunity to develop personal interests and strengths within the major field. Emphasis is on individual, self-guided work under the supervision of a faculty adviser and/or committee. May be repeated.

AAH 393/Independent Research in Art History**1-2 course units**

(every semester)

(May not be taken as a substitute for any other course)

Prerequisites: Enrollment as an upper division art history major or minor; student must have taken a minimum of three courses in art history. These courses must be completed with a 3.33 average in the area of study. Pre-registration with signed approval of an art faculty sponsor and of department chair required. Independent study is for students engaged in advanced work only, and is an opportunity to develop personal interests and strengths within the major field. Emphasis is on individual, self-guided work under the supervision of a faculty adviser and/or committee. May be repeated.

AAH 399/Internship**1-2 course units**

(every semester)

Prerequisites: Enrollment is limited to upper division program majors or minors with at least a 3.0 GPA in that program. See Internship Application Form for individual program requirements and details. Pre-registration with Internship Application Form and signed approval of the program coordinator, the department chair, and an art faculty sponsor.

The primary purpose of the college-level internship experience is the development of occupational or professional competence in the actual occupation setting after the student's education has been completed. Other purposes (income, career exploration, learning-by-doing, on-the-job training, etc.) cannot be the primary purpose, though they may occur as a secondary result of the internship experience.

GRAPHIC DESIGN COURSES

AGD 160/GD1: Introduction to Graphic Design

1 course unit

(with studio)

(annually—spring)

Prerequisites: AFA 111, 112, 113

An introduction to the discipline of graphic communication, including conceptual thinking, letterform design, layout and design techniques. Students will be introduced to design history and critical issues.

AGD 261/GD3: Typography I

1 course unit

(with studio)

(every semester)

Prerequisite: AGD 160

An introduction to the discipline, function, history, and impact of typography in graphic design.

Assignments and discussion will address the use of typography as a primary tool in conveying ideas and the impact of letterform manipulation on context and legibility.

AGD 264/GD4: Words and Image

1 course unit

(with studio)

(every semester)

Prerequisites: AGD 160, 261

An intermediate studio course that attempts to expand the student's conceptual, theoretical, and technical skills in two basic elements of graphic design, word and image. The class will work with creative mediums such as illustration, photography, collage, use of found objects, digital and hand-generated techniques.

Graphic design issues, historical, cultural and technical, will be addressed.

AGD 276/GD2: Computers for Designers

1 course unit

(with studio)

(every semester)

Prerequisites: AGD 160, ADA 180

This course builds on the skills learned in ADA 180 Digital Arts I and AGD 160 GD1-Introduction to Graphic Design. Students will become proficient in computer skills used in the Graphic Design field including illustration, photography, and page layout. They will continue to develop creative problem solving skills and increase knowledge in the area of Graphic Design history. Through field trips, students will gain an understanding of the commercial printing process.

AGD 360/GD6: Identity

1 course unit

(with studio)

(every semester)

Prerequisites: AGD 160, 264

The course will focus on the design of identities and identity programs including client research, development of a strategy, creative exploration, design refinements, and implementation. Students will design logos and complete identity systems. An examination of historical and contemporary identity systems will be researched and discussed.

AGD 361/GD7: Advanced Typography**1 course unit**

(with studio)

(every semester)

Prerequisites: AGD 160, 261, 264, 276

The course integrates theoretical typography with students' personal unique visions. The class will explore alternative typographic forms that highlight content and audience response. Historical and contemporary typography, print production and digital and traditional skills will be emphasized.

AGD 364/GD5: 3D Graphic Design**1 course unit**

(with studio)

(every semester)

Prerequisites: AGD 160, 261, 264

Theoretical and studio investigation of three-dimensional structural principals as they relate to the area of packaging and environmental design. An investigation of materials, production techniques, resources, audience relationship to 3-D forms and packaging, and environmental design history will be addressed.

AGD 370/Topics in Graphic Design**1 course unit**

(occasionally)

This course may be offered as a studio and/or seminar. Topics in Graphic Design focuses on a different topic each semester. May be repeated as topic changes.

AGD 391/Independent Study in Graphic Design**1-2 course units**

(every semester)

(May not be taken as a substitute for any other course)

Prerequisites: Enrollment as an upper division Graphic Design major; student must have taken AGD 160, 261, 264, 276. These courses must be completed with a 3.33 average in the area of study. Preregistration with signed approval of an art faculty sponsor and of department chair required.

Independent study is for students engaged in advanced work only, and is an opportunity to develop personal interests and strengths within the major field. Emphasis is on individual, self-guided work under the supervision of a faculty adviser and/or committee. May be repeated.

AGD 393/Independent Research in Graphic Design**1-2 course units**

(every semester)

(May not be taken as a substitute for any other course)

Prerequisites: Enrollment as an upper division Graphic Design major; student must have taken AGD 160, 261, 264, 276. These courses must be completed with a 3.33 average in the area of study. Preregistration with signed approval of an art faculty sponsor and of department chair required.

Independent research is for students engaged in advanced work only, and is an opportunity to develop personal interests and strengths within the major field. Emphasis is on individual, self-guided work under the supervision of a faculty adviser and/or committee. May be repeated.

AGD 399/Internship**1-2 course units**

(every semester)

Prerequisites: Enrollment as an upper division Graphic Design majors with at least a 3.0 GPA in that program. See Internship Application Form for individual program requirements and details. Preregistration with Internship Application Form and signed approval of the program coordinator, the department chair, and an art faculty sponsor.

The primary purpose of the college-level internship experience is the development of occupational or professional competence in the actual occupation setting after the student's education has been completed. Other purposes (income, career exploration, learning-by-doing, on-the-job training, etc.) cannot be the primary purpose, though they may occur as a secondary result of the internship experience.

AGD 420/G.D. History/Issues**1 course unit**

(annually fall)

This course is a survey of the history of design in the 20th century. Emphasis will be on architecture, industrial, and graphic design. The course allows students to research individual areas of interest to broaden their knowledge of contemporary issues in design. Classes are a combination of lectures, discussions, student presentations, guest lectures, and class trips to current design studios and exhibits.

AGD 460/Design Center**1 course unit**

(with studio)

(annually—spring)

Prerequisites: AGD 261, 264, 276, 360. For majors in graphic design, with advanced standing

This course applies design principles learned in previous courses into professional practice. The class will be structured like a small design agency. Students work as creative teams and develop projects from concept exploration to final presentation.

AGD 498/GD8: Senior Research**1 course unit**

(with studio)

(annually—fall)

Prerequisites: Limited to senior graphic design majors

This course will focus on advancing students' personal vision through design research, writing, and innovative design projects. For their final project, students will conduct visual and critical research that will culminate in a research paper and creative personal project.

AGD 499/GD9: Seminar**1 course unit**

(with studio)

(every semester)

Prerequisite: Limited to graphic design majors in their final senior semester

Students will develop an original body of work for graduate school application or employment. This will culminate in a portfolio, identity package, creative statement, visual and career research, and a portfolio review, a presentation of students' portfolios to the public and the graphic design community.

ART EDUCATION COURSES**AAE 273/Art Education Sophomore Professional Experience****1 course unit**

(annually—fall)

An introductory course for art education students, integrating field experiences and analysis of grades K–12 in the contemporary school. Field observations in schools and other educational environments will be required.

AAE 350/Orientation to Art Therapy**1 course unit**

(annually—fall)

An introduction to the field of art therapy, its relationship to psychotherapy, the role and function of the art therapist and professional standards.

AAE 355/Methods and Techniques in Art Therapy**1 course unit**

(annually—spring)

Explores art psychotherapeutic procedures for the prevention, diagnosis and treatment of mental illness and rehabilitation of the patient with a focus on the use of appropriate art materials and methods.

AAE 370/Topics in Art Education **1 course unit**
(occasionally)

Advanced topics in art education and art therapy. May be repeated as topic changes.

AAE 373/Art Techniques for Art Education/Elementary **1 course unit**
(annually—spring)

Prerequisite: AAE 273

An introduction for prospective art educators to philosophies and methods of teaching art at the elementary level. The emphasis will be on structuring substantive art learning experiences for elementary age school children. Course will help students develop teaching strategies for aesthetic education, art history, critical judgment, creative production and writing lesson plans. Hands-on studio component and field experiences will be required.

AAE 374/Art Techniques for Art Education/Secondary **1 course unit**
(annually—fall)

Prerequisites: AAE 273, 373

Exploration of skills, knowledge and techniques necessary for planning and teaching art classes on the secondary level. Students will study the development of art education curricula and units of study for middle, junior and senior high school programs. Hands-on studio component and field experience will be required.

AAE 375/Principles, Practices and Materials in Art Education **1 course unit**
(annually—spring)

Prerequisites: AAE 273, 373, 374

Study and studio activities to develop knowledge and skills applicable to the elementary and secondary classroom. Field observations and participation will be required. Relationship of child growth to art, individual readiness, processes and materials, literature of the field, lesson, unit and curriculum planning in art. Participation in college-community program. Must be completed with at least a B grade before admission to student teaching.

AAE 391/Independent Study **1-2 course units**
(every semester)

(May not be taken as a substitute for any other course.)

Prerequisites: Enrollment as an upper division art education major; student must have taken a minimum of three courses in the major area. Preregistration with signed approval of an art education faculty sponsor and department chair.

For advanced work only. Individual, self-guided course of work under supervision of faculty advisor. Opportunity to develop personal interests within the major field. May be repeated.

AAE 490/Student Teaching in Art **2 course units**
(every semester)

Prerequisites: AAE 273, 373, 374, including at least a B in AAE 375 and a minimum cumulative grade point average of 2.75

Semester of full-time student teaching participation at elementary and secondary grade levels during senior year. Observation, participation and responsible teaching under direct supervision of college supervisors.