

**ARCH 160 Environmental Architecture and Design (4)**

3 hours lecture - 3 hours laboratory

**Note:** May be taken 3 times. May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU; UC - ARCH 144, 145, 160, 215, 216 and ART 102, 103 combined: maximum credit, 18 units

An introduction to the theory and application of bio-climate adaptive architectural design in small scale buildings including effective energy use, solar geometry, environmental measurements, heat flow, heat transfer, and thermal masses. Emphasis is on design and construction principles for lighting, passive shading, heating, cooling and ventilating envelope load-dominated buildings. This is a service learning course. Students must be involved in relevant community service as a part of this course work. Students will conduct research and work collaboratively towards a solution for community development.

**ARCH 200 Advanced Computer Aided Architectural Drafting (4)**

2 hours lecture - 6 hours laboratory

**Prerequisite:** A minimum grade of 'C' in ID 150, or ARCH/DT 125, and a minimum grade of 'C' in ARCH 105, or concurrent enrollment in ARCH 105**Note:** May be taken 2 times**Transfer acceptability:** CSU

Advanced techniques in the operation of AutoCAD software for architectural applications. Preparation of various architectural working drawings from a preliminary residential design.

**ARCH 202 Introduction to Revit Architecture (3)**

1½ hours lecture - 4½ hours laboratory

**Recommended preparation:** ARCH 200**Note:** Cross listed as DT 202. May be taken 2 times**Transfer acceptability:** CSU

Preparation of basic 3D architectural information models and (BIM). Manipulation for preparation of individual architectural working drawings, including: dimensioned floor plans, building sections, elevations, etc. using Revit software.

**ARCH 215 Architectural Design Fundamentals I (5)**

2½ hours lecture - 7½ hours laboratory

**Recommended preparation:** ARCH 144 and 145**Transfer acceptability:** CSU; UC - ARCH 144, 145, 160, 215, 216 and ART 102, 103 combined: maximum credit, 18 units

Development of problem solving and analytical skills in architectural design involving consideration of factors of architectural form in two- and three-dimensional compositions, and design concepts and applications.

**ARCH 216 Architectural Design Fundamentals II (5)**

2½ hours lecture - 7½ hours laboratory

**Recommended preparation:** ARCH 145 and 215**Transfer acceptability:** CSU; UC - ARCH 144, 145, 160, 215, 216 and ART 102, 103 combined: maximum credit, 18 units

Complex architectural problems involving consideration of factors of structure, site, and climate.

**Art (ART)**

Contact the Art Department for further information.

(760) 744-1150, ext. 2302

Office: D-14

**Associate in Arts Degrees -**

AA Degree requirements are listed in Section 6 (green pages).

- Graphic Design
- Illustration
- Interactive Media Design - Emphasis in 3D Modeling and Animation
- Interactive Media Design - Emphasis in Multimedia Design
- Pictorial Arts - Emphasis in Painting
- Pictorial Arts - Emphasis in Printmaking
- Three-Dimensional Arts - Emphasis in Ceramics
- Three-Dimensional Arts - Emphasis in Crafts
- Three-Dimensional Arts - Emphasis in Glass
- Three-Dimensional Arts - Emphasis in Jewelry and Metalsmithing
- Three-Dimensional Arts - Emphasis in Sculpture

**Certificates of Achievement -**

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Interactive Media Design - Emphasis in 3D Modeling and Animation
- Interactive Media Design - Emphasis in Multimedia Design

**Certificates of Proficiency -**

Certificate of Proficiency requirements are listed in Section 6 (green pages).

- Digital Animation, Compositing, and Music

**PROGRAMS OF STUDY****Digital Animation, Compositing, and Music**

This program is directed at the digital design and implementation of 3D animations, graphic compositing and music.

**CERTIFICATE OF PROFICIENCY**

Program Requirements (5 courses minimum required)		Units
ARTI 246	Digital 3D Design and Modeling	3
ARTI 247	Digital 3D Design and Animation	3
GCMW 204	Motion Graphics for Multimedia	4
GCMW 206	Motion Graphics Production and Compositing	4
MUS 180	Computer Music I	3
MUS 184	Electronic Ensemble	3

**TOTAL UNITS****16-17**

Digital Animation, Compositing, and Music Certificate of Proficiency is also listed in Graphic Communications - Multimedia and Web, and in Music.

**Graphic Design**

Prepares students in basic skills necessary to prepare a portfolio for application to graphic Design, environmental Design, and packaging Design programs at 4 year schools. In addition, develops creative Design ability and conceptual skills in the printed media, motion graphics, and web Design.

**A.A. DEGREE MAJOR**

Program Requirements		Units
ART 104	Design and Composition	3
ART 166	History of Art II	3
ART 200	Color/Light and Theory	3
ARTD 100	Graphic Design I	3
ARTD 150	Digital Concepts and Techniques in Art	3
ARTD 200	Graphic Design II- Lettering and Layout	3
ARTD 210	Typography Design	3
ARTD 220	Motion Design	3
ARTD 250	New Media Studio	3
ARTI 100	Introduction to Illustration	3
ARTI 246	Digital 3D Design and Modeling	3
ARTI 247	Digital 3D Design and Animation	3
BUS 150	Advertising	3
PHOT 100	Elementary Photography	3.5
Final Art Portfolio Review		0

**Electives (Select 6-7 units)**

ART 120	Life Drawing and Composition I	3
ART 296	Special Projects	1, 2, 3
ARTI 220	Illustration II Digital Techniques	3
R GCIP/		
GCIP 140	Digital Imaging/Photoshop I	4
R GCIP/		
GCIP 152	Desktop Publishing/Illustrator I	3
RTV 275	Avid Editing for Television and Film	3
BMGT 105	Small Business Management	3
MUS 180	Computer Music I	3

MUS 181 or	Computer Music II	
MUS 184	Electronic Ensemble	3
CE 100	Cooperative Education	1, 2, 3, 4
<b>TOTAL UNITS</b>		<b>48.5 - 49.5</b>

Graphic Design A.A. Degree Major is also listed in Art - Design.

## Illustration

Provides students with specific skills necessary to prepare a portfolio for application to Illustration programs at 4-year schools. In addition develops creative conceptual and Illustrative skills for use in advertising and story Illustration.

### A.A. DEGREE MAJOR

Program Requirements		Units
ART 104	Design and Composition	3
ART 120	Life Drawing and Composition I	3
ART 125	Head Drawing	3
ART 166	History of Art II	3
ART 200	Color/Light and Theory	3
ART 220 or	Oil Painting I	
ART 225	Acrylic Painting I	3
ARTD 150	Digital Concepts and Techniques in Art	3
ARTI 100	Introduction to Illustration	3
ARTI 200	Rendering	3
ARTI 210	Illustration I	3
ARTI 220	Illustration II, Digital Techniques	3
ARTI 230	Illustration III, Experimental Techniques	3
ARTI 246	Digital 3D Design and Modeling	3
ARTI 247	Digital 3D Design and Animation	3
	Final Art Portfolio Review	0

#### Electives (Select 3 units)

ART 121	Life Drawing and Composition II	3
ART 197B	Topics in Art – Painting	.5-3
ART 197F	Topics in Art – Drawing	.5-3
ART 235	Watercolor Painting I	3
ART 296	Special Projects	1, 2, 3
ARTD 100	Graphic Design I	3
ARTD 220	Motion Design	3
ARTD 250	New Media Studio	3
BUS 150	Advertising	3
BMGT 105	Small Business Management	3
PHOT 100	Elementary Photography	3.5
CE 100	Cooperative Education	1, 2, 3, 4

**TOTAL UNITS** 45

Illustration A.A. Degree Major is also listed in ArtI – Illustration.

## Interactive Media Design

Prepares students with specific skills necessary for employment in the field of multimedia design and production. Students may choose an emphasis in either 3D modeling and animation, which emphasizes production skills and authoring systems, or multimedia design, which emphasizes content development and visual design of multimedia productions. Both areas of emphasis collaborate on an actual multimedia production.

### Emphasis in 3D Modeling and Animation

#### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
ARTI 100	Introduction to Illustration	3
ARTI 246	Digital 3D Design and Modeling	3
ARTI 247	Digital 3D Design and Animation	3

DT 180	3D Studio Max–Intro to 3D Modeling/Animation	3
DT 182	3D Studio Max–Adv 3D Modeling/Animation	3
GCIP/		
R GCIP 140	Digital Imaging/Photoshop I	4
GCMW 204	Motion Graphics for Multimedia	4

#### Electives (Select two courses)

ARTD 150	Digital Concepts/Techniques in Art	3
ARTD 220	Motion Design	3
DT 128	SolidWorks Intro 3D Design and Presentation	3
DT 184	Real Time 3D Technical/Game Animation	2
GCIP 240	Digital Imaging/Photoshop III	4
GCMW 100	History of Multimedia	3
GCMW 201	Multimedia II	4
ENTT/RTV 120	Digital Television Production	3

**TOTAL UNITS** 28 – 29

## Emphasis in Multimedia Design

#### A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements		Units
ARTD 100	Graphic Design I	3
ARTD 220	Motion Design	3
ARTI 247	Digital 3D Design and Animation	3
GCIP 240	Digital Imaging/Photoshop III	4
GCMW/		
R GCMW 101	Multimedia I	4
GCMW 201	Multimedia II	4
GCMW 204	Motion Graphics for Multimedia	4

#### Electives (Select two courses)

ART 197G	Topics in Art – Computer Art	3
ARTD 150	Digital Concepts and Techniques in Art	3
ARTI 246	Digital 3D Design/Modeling	3
DT 180	3D Studio Max–Intro to 3D Modeling/Animation	3
DT 182	3D Studio Max–Adv 3D Modeling/Animation	3
GC 100	Graphic Communications	3
GCIP/		
R GCIP 140	Digital Imaging/Photoshop I	4
GCIP/		
R GCIP 152	Desktop Publishing/Illustrator I	4
GCMW 100	History of Multimedia	3
GCMW 197B	Topics in Multimedia	3
GCMW/		
R GCMW 102	Web Page Layout I	4
GCMW 203	Web Multimedia	4
MUS 180	Computer Music I	3
RTV 170	Introduction to Video Editing	3

**TOTAL UNITS** 31 - 33

Interactive Media Design A.A. Degree or Certificate of Achievement is also listed in Drafting Technology and in Graphic Communications - Multimedia and Web.

## Pictorial Arts

Programs are designed to enable the student to acquire skills in producing marketable fine art for gallery exhibition and commissions, enter into the commercial area, and serve as a preparation for transfer to a four-year college or university. Transfer students should consult the four-year college or university catalog for specific requirements or see a Palomar College counselor.

Pictorial arts majors may select an emphasis in painting or printmaking within the program requirements.

## Emphasis in Painting

### A.A. DEGREE MAJOR

#### Program Requirements

	Units
ART 101	Methods and Materials
ART 102	Drawing and Composition I
ART 103	Drawing and Composition II
ART 104	Design and Composition
ART 105	3-Dimensional Form and Design
ART 120	Life Drawing and Composition I
ART 121	Life Drawing and Composition II
ART 165	History of Art I
ART 166	History of Art II
ART 200	Color/Light and Theory
	Final Art Portfolio Review

#### Plus 6 units selected from the following:

ART 220	Oil Painting I	3
ART 221	Oil Painting II	3
ART 225	Acrylic Painting I	3
ART 226	Acrylic Painting II	3

#### Electives (Select 6 units)

ART 130	Printmaking I	3
ART 131	Printmaking II	3
ART 197F	Topics in Art – Drawing	.5-3
ART 200	Rendering	3
ART 210	Illustration I, Traditional Techniques	3
ART 220	Illustration II, Digital Techniques	3
ART 220, 221, 225, 226	(if not taken in emphasis area)	3
ART 230	Airbrush Painting I	3
ART 231	Airbrush Painting II	3
ART 235	Watercolor Painting I	3
ART 236	Watercolor Painting II	3
PHOT 110	Basic 35mm Color Photo	3

**TOTAL UNITS** 42

## Emphasis in Printmaking

### A.A. DEGREE MAJOR

#### Program Requirements

	Units
ART 101	Methods and Materials
ART 102	Drawing and Composition I
ART 103	Drawing and Composition II
ART 104	Design and Composition
ART 105	3-Dimensional Form and Design
ART 120	Life Drawing and Composition I
ART 130	Printmaking I
ART 131	Printmaking II
ART 165	History of Art I
ART 166	History of Art II
ART 200	Color/Light and Theory
	Final Art Portfolio Review

#### Electives (Select 6 units)

ART 197F	Topics in Art – Drawing	.5 - 3
ART 220	Oil Painting I	3
ART 221	Oil Painting II	3
ART 225	Acrylic Painting I	3
ART 226	Acrylic Painting II	3
ART 230	Airbrush Painting I	3
ART 231	Airbrush Painting II	3
ART 235	Watercolor Painting I	3
ART 236	Watercolor Painting II	3
ART 210	Illustration I, Traditional Techniques	3
ART 220	Illustration II, Digital Techniques	3
PHOT 110	Basic 35mm Color Photo	3

**TOTAL UNITS** 39

## Three-Dimensional Arts

Programs are designed to enable the student to acquire skills in producing marketable fine art for gallery exhibition and commissions, enter into the commercial area, and serve as a preparation for transfer to a four-year college or university. Transfer students should consult the four-year college or university catalog for specific requirements or see a Palomar College counselor.

Three-dimensional arts majors may select an emphasis in ceramics, crafts, glass, jewelry and metalsmithing, or sculpture, within the program requirements.

## Emphasis in Ceramics

### A.A. DEGREE MAJOR

#### Program Requirements

	Units
ART 101	Methods and Materials
ART 102	Drawing and Composition I
ART 104	Design and Composition
ART 105	3-Dimensional Form and Design
ART 135	Ceramics I
ART 136	Ceramics II
ART 165	History of Art I
ART 166	History of Art II
ART 250	Ceramics III
ART 260	Sculpture I
ART 265	Ceramic Sculpture I
ART 266	Ceramic Sculpture II
	Final Art Portfolio Review

#### Electives (Select 6 units)

ART 137	Pottery Production	3
ART 140	Foundry Techniques in Sculpture I	3
ART 147	Design in Enamels	3
ART 160	Glassblowing-Offhand I	3
ART 261	Sculpture II	3
PHOT 100	Elementary Photography	3.5
PHOT 110	Basic 35mm Color Photo	3

**TOTAL UNITS** 42

## Emphasis in Crafts

### A.A. DEGREE MAJOR

#### Program Requirements

	Units
ART 101	Methods and Materials
ART 102	Drawing and Composition I
ART 104	Design and Composition
ART 105	3-Dimensional Form and Design
ART 135	Ceramics I
ART 145	Design in Mixed Media
ART 146	Design in Wood
ART 147	Design in Enamels
ART 150	Jewelry and Metalsmithing Design I
ART 165	History of Art I
ART 166	History of Art II
ART 260	Sculpture I
	Final Art Portfolio Review

#### Electives (Select 6 units)

ART 136	Ceramics II	3
ART 140	Foundry Techniques in Sculpture I	3
ART 151	Jewelry and Metalsmithing Design II	3
ART 155	Stained Glass I	3
ART 261	Sculpture II	3
ART 270	Jewelry and Metalsmithing Design III	3
ART 275	Stained Glass II	3
PHOT 100	Elementary Photography	3.5
PHOT 110	Basic 35mm Color Photo	3

**TOTAL UNITS** 42

## Emphasis in Glass

### A.A. DEGREE MAJOR

#### Program Requirements

	Units
ART 101 Methods and Materials	3
ART 102 Drawing and Composition I	3
ART 104 Design and Composition	3
ART 105 3-Dimensional Form and Design	3
ART 135 Ceramics I	3
ART 145 Design in Mixed Media	3
ART 155 Stained Glass I	3
ART 160 Glassblowing-Offhand I	3
ART 165 History of Art I	3
ART 166 History of Art II	3
ART 260 Sculpture I	3
ART 280 Glassblowing-Offhand II	3
Final Art Portfolio Review	0

#### Electives (Select 4-6 units)

ART 140 Foundry Techniques in Sculpture I	3
ART 146 Design in Wood	3
ART 147 Design in Enamels	3
ART 150 Jewelry and Metalsmithing Design I	3
ART 275 Stained Glass II	3
ART 276 Cold Glass Design	1
ART 277 Glass Casting	1
PHOT 110 Basic 35mm Color Photo	3

**TOTAL UNITS** 40 – 42

## Emphasis in Jewelry and Metalsmithing

### A.A. DEGREE MAJOR

#### Program Requirements

	Units
ART 101 Methods and Materials	3
ART 102 Drawing and Composition I	3
ART 104 Design and Composition	3
ART 105 3-Dimensional Form and Design	3
ART 165 History of Art I	3
ART 166 History of Art II	3
ART 145 Design in Mixed Media	3
ART 147 Design in Enamels	3
ART 150 Jewelry and Metalsmithing Design I	3
ART 151 Jewelry and Metalsmithing Design II	3
ART 205 Indirect Metal Forming	3
ART 270 Jewelry and Metalsmithing Design III	3
Final Art Portfolio Review	0

#### Electives (Select 6 units)

ART 135 Ceramics I	3
ART 140 Foundry Techniques in Sculpture I	3
ART 146 Design in Wood	3
ART 260 Sculpture I	3
ART 265 Ceramic Sculpture I	3
PHOT 110 Basic 35mm Color Photo	3

**TOTAL UNITS** 42

## Emphasis in Sculpture

### A.A. DEGREE MAJOR

#### Program Requirements

	Units
ART 101 Methods and Materials	3
ART 102 Drawing and Composition I	3
ART 104 Design and Composition	3
ART 105 3-Dimensional Form and Design	3

ART 135 Ceramics I	3
ART 140 Foundry Techniques in Sculpture I	3
ART 165 History of Art I	3
ART 166 History of Art II	3
ART 260 Sculpture I	3
ART 261 Sculpture II	3
ART 265 Ceramic Sculpture I	3
ART 266 Ceramic Sculpture II	3
Final Art Portfolio Review	0

#### Electives (Select 6 units)

ART 136 Ceramics II	3
ART 145 Design in Mixed Media	3
ART 150 Jewelry and Metalsmithing Design I	3
ART 160 Glassblowing-Offhand I	3
ART 205 Indirect Metal Forming	3
ART 255 Foundry Techniques/Sculpture II	3
PHOT 110 Basic 35mm Color Photo	3

**TOTAL UNITS** 42

### COURSE OFFERINGS

An activity may be taken four times for credit. Activity is defined to include all ability levels (e.g., A student may take a total of only four Ceramics courses for credit). Ceramics and Jewelry and Metalsmithing classes are defined as activity courses.

#### ART 100 Introduction to Art (3)

3 hours lecture

**Transfer acceptability:** CSU; UC

Promotes an understanding and appreciation of art through slide-lectures, discussion, and museum visits. For non-art majors.

#### ART 101 Methods and Materials (3)

6 hours lecture/laboratory

**Note:** May be taken 2 times

**Transfer acceptability:** CSU

Introduction to the aesthetic and technical potential of a variety of materials and methods basic to various art disciplines. Concentration on the skills needed to use these materials in a two- and three-dimensional art.

#### ART 102 Drawing and Composition I (3)

6 hours lecture/laboratory

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC - ART 102, 103 and ARCH 144, 145, 160, 215, 216 combined: maximum credit, 18 units

A basic studio course in the media and technique of drawing. An introduction to pictorial structure, visual elements, use of perspective, and rendering and sketching techniques. This course is designed to develop skills for both commercial and fine arts.

#### ART 103 Drawing and Composition II (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 102

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC - ART 102, 103 and ARCH 144, 145, 160, 215, 216 combined: maximum credit, 18 units

The development of subject and theme concepts with varied approaches to composition and the use of media. Introduction to abstract composition and mixed media techniques as a preliminary to painting.

#### ART 104 Design and Composition (3)

6 hours lecture/laboratory

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC

Basic instruction in flat design. The study of line, color, value, shape, texture, form, and the principles of composition. Experience in a variety of media. Essential to students of fine and commercial art, photography, graphic arts, architectural, and interior design.



- ART 105 Three-Dimensional Form and Design (3)**  
6 hours lecture/laboratory  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC  
Basic instruction in sculptural forms and structures. A variety of media is explored.
- ART 106 Figure Painting (3)**  
1½ hours lecture - 4½ hours laboratory  
**Transfer acceptability:** CSU; UC  
Examines the use of oil, acrylic or watercolor in modeling the human form. Particular attention will be placed on color mixing, drawing and paint application.
- ART 120 Life Drawing and Composition I (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'B' in at least one semester of a college-level drawing course  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC  
A basic course in the fundamentals of drawing the human figure. The use of the figure as an element of both naturalistic and expressive rendering.
- ART 121 Life Drawing and Composition II (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 120  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC—Credit Limitations - Credit for only one attempt  
An exploration of the human figure as the basic subject of creative and experimental composition.
- ART 123 Arts Across the Curriculum (3)**  
3 hours lecture  
**Note:** Cross listed as: DNCE 123/ MUS 123/ TA 123  
**Transfer acceptability:** CSU  
This course is an introduction to the artistic creative process through a comparative study of dance, music, theatre, and visual arts, within a social and cultural context. The principles of artistic perception, creative expression, cultural and historical context, and aesthetic valuing will be discussed.
- ART 125 Head Drawing (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 102 or ART 100  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC  
Introduction to human head drawing. Special emphasis on techniques designed to illustrate musculoskeletal relationships that distinguish differences in age, sex, and personality.
- ART 130 Printmaking I (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 102  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC  
Introduction to the techniques of etching, aquatint, drypoint, photo engraving, and wood and linoleum cuts. Problems in multicolor intaglio and multicolor relief printing. Design and composition in relation to the media will be emphasized.
- ART 131 Printmaking II (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 130  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC  
Continued practice in the creation of fine prints. Mixed media and the photoin-taglio process are explored.
- ART 132 Lithography and Experimental Printmaking (1)**  
2 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 102  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU  
Introduction to the techniques of plate lithography and experimental lithographic processes.
- ART 133 Etching (1)**  
2 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 102  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU  
Introduction to the techniques of etching, aquatint and drypoint.
- ART 135 Ceramics I (3)**  
6 hours lecture/laboratory  
**Note:** May be taken 2 times; maximum of 4 completions in any combination of ART 135, ART 136, ART 250  
**Transfer acceptability:** CSU; UC  
An introduction to basic forming techniques in clay and various surface treatments.
- ART 136 Ceramics II (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 135  
**Note:** May be taken 2 times; maximum of 4 completions in any combination of ART 135, ART 136, ART 250  
**Transfer acceptability:** CSU; UC  
Advanced studies in handbuilding and wheel throwing techniques. Continuing study of various surface techniques. Techniques of glaze and facility maintenance.
- ART 137 Pottery Production (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 135  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU  
Wheel throwing production, kiln use and construction, mixing and maintaining glazes, studio maintenance, decorative techniques, and marketing skills and techniques.
- ART 138 Ceramic Surface Decoration (1)**  
2 hours lecture/laboratory  
**Recommended preparation:** ART 135, 136, and 250  
**Transfer acceptability:** CSU  
A study of ceramic surface treatments and decorative techniques.
- ART 139 Raku Techniques (1)**  
2 hours lecture/laboratory  
**Recommended preparation:** ART 135, 136, and 250  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU  
Exploration of the raku ceramic process and related earthenware decorative techniques.
- ART 140 Foundry Techniques in Sculpture I (3)**  
6 hours lecture/laboratory  
**Prerequisite:** A minimum grade of 'C' in ART 105  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU  
Theory and practice in casting skills using foundry techniques.
- ART 145 Design in Mixed Media (3)**  
6 hours lecture/laboratory  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC  
Design and production of useful "one-of-a-kind" or "limited edition" objects of art. Attention to the visual as well as structural character of chosen materials. Media may include wood, metal, fibers, plastics, and bone and leather alone or in combination.
- ART 146 Design in Wood (3)**  
6 hours lecture/laboratory  
**Note:** May be taken 2 times  
**Transfer acceptability:** CSU; UC  
Explores in depth the sculptural and functional qualities of wood. Original designs may include useful forms such as furniture, containers, and architectural ornaments as well as fantasy forms. Benefits students of three-dimensional art and wood technology.

**ART 147 Design in Enamels (3)**

6 hours lecture/laboratory

**Recommended preparation:** ART 104**Note:** May be taken 2 times**Transfer acceptability:** CSU

Exploration of the creative and aesthetic possibilities of enameling. Principles and techniques in two- and three- dimensional designs.

**ART 150 Jewelry and Metalsmithing Design I (3)**

6 hours lecture/laboratory

**Note:** Maximum of 4 completions in any combination of ART 150, ART 151, ART 270**Transfer acceptability:** CSU

Projects in two- and three-dimensional jewelrymaking and metalsmithing. Study of the relationship of design to materials and of contemporary metal working techniques.

**ART 151 Jewelry and Metalsmithing Design II (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 150**Note:** May be taken 2 times; maximum of 4 completions in any combination of ART 150, ART 151, ART 270**Transfer acceptability:** CSU

Exploration of manipulation of metal and surface decoration including stone setting.

**ART 155 Stained Glass I (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 104**Note:** May be taken 2 times**Transfer acceptability:** CSU

Introduction to the materials and processes involved in the creation of flat glass objects. Emphasis on design potential and creative possibilities of the medium.

**ART 160 Glassblowing-Offhand I (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 104 or 105**Note:** May be taken 2 times**Transfer acceptability:** CSU

The study of the properties and structure of glass and materials, equipment, and techniques used to work it in offhand method.

**ART 165 History of Art I: Survey of Western Art (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

The art forms and styles of Western man from the Paleolithic period through Medieval Gothic. Emphasis on the contribution of religion, social and political structures, heritage, and inter-cultural contacts as they influence changes in form and style.

**ART 166 History of Art II: Survey of Western Art (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

The art forms and styles of Western man from the Renaissance to the present. Emphasis on the style of individual artists and national styles as well as the contribution of religious, social, and political influences. Focus on European art, but with discussion of American art and architecture, as well as influences from non-Western art and cultures.

**ART 167 History of Modern Art I: 19th Century Europe and America (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

European and American painting, sculpture, and architecture from 1700 to 1900. Emphasis on the styles and contributions of individual artists as well as the influence of social, political, and cultural developments.

**ART 168 History of Modern Art II: 20th Century Europe and America (3)**

3 hours lecture

**Transfer acceptability:** CSU; UC

Twentieth Century European and American painting, sculpture, and architecture.

Emphasis on the styles and contributions of individual artists as well as the aesthetic, political, and psycho-sociological motivations behind the art of the 20th century.

**ART 182 Introduction to Arts Management (3)**

9 hours laboratory

**Note:** Cross listed as AMS 182/ DNCE 182/ MUS 182/TA 182**Transfer acceptability:** CSU

An introduction to the principles and practices of arts management through an interdisciplinary study of management topics in the visual and performing arts.

**ART 183 Internship in Arts Management (3)**

9 hours laboratory

**Prerequisite:** A minimum grade of 'C' in AMS/ART/DANCE/MUS/TA 182**Note:** Cross listed as AMS 183/ DNCE 183/ MUS 183/TA 183**Transfer acceptability:** CSU

Practical experience in arts management in the visual and performing arts.

**ART 197A Topics in Art – Printmaking (.5-3)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU; UC – Credit determined by UC upon review of course syllabus.

Short and extended term lecture workshops or laboratory courses in various specialized aspects of printmaking.

**ART 197B Topics in Art – Painting (.5-3)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU; UC – Credit determined by UC upon review of course syllabus.

Short and extended term lecture-workshops or laboratory courses in various specialized aspects of painting.

**ART 197C Topics in Art – Glass (.5-3)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU

Short and extended term lecture workshops or laboratory courses in various specialized aspects of glass.

**ART 197D Topics in Art – Ceramics (.5-3)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to Class Schedule.

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU; UC – Credit determined by UC upon review of course syllabus.

Short and extended term lecture workshops or laboratory courses in various specialized aspects of ceramics.

**ART 197E Topics in Art – Sculpture (.5-3)**

Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture, laboratory, or lecture/laboratory may be scheduled by the department. Refer to class schedule.

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU; UC – Credit determined by UC upon review of course syllabus.

Short and extended term lecture workshops or laboratory courses in various specialized aspects of sculpture.

**ART 197F Topics in Art – Drawing (5-3)**

1 to 6 hours lecture/laboratory

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU

Short and extended term lecture-workshops or laboratory courses in various aspects of drawing techniques.

**ART 197G Topics in Art – Computer Art (5-3)**

1 to 6 hours lecture/laboratory

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU

Short and extended term lecture-workshops or laboratory courses in which a teacher utilizes and teaches special computer hardware/ software relationships and processes to produce art.

**ART 197H Topics in Art – General (5-3)**

1 to 6 hours lecture/laboratory

**Note:** May be taken 4 times for a maximum of 9 units**Transfer acceptability:** CSU

Short and extended term lecture-workshops or laboratory courses in various aspects of art. Course title will designate subject covered.

**ART 200 Color/Light and Theory (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 102 and 104**Note:** May be taken 2 times**Transfer acceptability:** CSU; UC

Investigations into the phenomenon of color and its use in art. Problems involving color and design in various media, including acrylics and collage. Exploration of the role of color in Western art from late 19th Century to the present.

**ART 205 Indirect Metal Forming (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 150 or 260**Note:** May be taken 2 times**Transfer acceptability:** CSU

Exploration of indirect metal forming in jewelry and small sculpture. Projects in lost wax centrifugal and gravity casting, electroforming, and metal spraying.

**ART 213 Illustration/Life Drawing (1)**

2 hours lecture/laboratory

**Note:** May be taken 3 times**Transfer acceptability:** CSU

The study of techniques used in drawing and painting from both nude and costumed models.

**ART 214 Head Painting (1)**

2 hours lecture/laboratory

**Note:** May be taken 3 times**Transfer acceptability:** CSU

Introduction to painting techniques as they apply to the human head. Critical analysis and application of color theory and mixing principles. Analysis of human facial planes, proportion and bone structure in the application of either oil or acrylic paint.

**ART 220 Oil Painting I (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 103 and 200, or concurrent enrollment in ART 103 and 200**Note:** May be taken 2 times**Transfer acceptability:** CSU; UC

Fundamental methods and concepts of studio painting using oil color as the primary medium. Concentration on gaining technical skills in pictorial composition, subject interpretation, brush handling, and the use of color. Exploration of historical and contemporary styles, attitudes, and techniques.

**ART 221 Oil Painting II (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 220**Note:** May be taken 2 times**Transfer acceptability:** CSU; UC

Advanced projects in the concepts and techniques of oil painting with concentration on individual creative progress and development.

**ART 225 Acrylic Painting I (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 103 and 200, or concurrent enrollment in ART 103 and 200**Note:** May be taken 2 times**Transfer acceptability:** CSU; UC

Concepts of studio painting utilizing acrylic based colors as the primary medium. Exploration of different styles and techniques with emphasis on contemporary modes of expression. Concentration on gaining skills in composition, brush handling, and the use of color.

**ART 226 Acrylic Painting II (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 225**Note:** May be taken 2 times**Transfer acceptability:** CSU; UC

Advanced projects in the concepts and techniques of acrylic painting with emphasis on individual creative progress and development.

**ART 230 Airbrush Painting I (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 103 and 200, or concurrent enrollment in ART 103 and 200**Note:** May be taken 2 times**Transfer acceptability:** CSU

Emphasis on developing skills in airbrush painting and masking techniques for use in fine arts, commercial art, and photo retouching. The theory, use, and maintenance of airbrushes and associated equipment.

**ART 231 Airbrush Painting II (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 230**Note:** May be taken 2 times**Transfer acceptability:** CSU

Creative approaches to airbrush painting. A continued study of airbrush techniques used in fine arts, commercial art, and photo retouching.

**ART 235 Watercolor Painting I (3)**

6 hours lecture/laboratory

**Note:** May be taken 2 times**Transfer acceptability:** CSU; UC

Fundamental approaches to the use of watercolors and other waterbase paints in creative painting. Concentration on both literal and expressive modes utilizing a variety of subjects.

**ART 236 Watercolor Painting II (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 235**Note:** May be taken 2 times**Transfer acceptability:** CSU; UC

Advanced work in watercolor media.

**ART 250 Ceramics III (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 136**Note:** May be taken 2 times; maximum of 4 completions in any combination of ART 135, ART 136, ART 250**Transfer acceptability:** CSU; UC

Creative and experimental handbuilding, advanced throwing, firing techniques, glaze evaluation, and special research.

**ART 255 Foundry Techniques in Sculpture II (3)**

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 140

**Note:** May be taken 2 times

**Transfer acceptability:** CSU

Advanced theory and practices in casting skills using foundry techniques.

### ART 260 Sculpture I (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 102 and 105, or concurrent enrollment in ART 102 and 105

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC

Design and fabrication of expressive three-dimensional forms. Exploration of both historical and contemporary sculptural materials with emphasis on 20th Century models of expression.

### ART 261 Sculpture II (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 260

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC

Advanced projects in the concept and creation of original sculpture.

### ART 265 Ceramic Sculpture I (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 102 or 104 or 105, and ART 135

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC

Creative projects and experimentation using clay as the primary material for non-utilitarian expressive forms.

### ART 266 Ceramic Sculpture II (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 265

**Note:** May be taken 2 times

**Transfer acceptability:** CSU; UC

Advanced problems in creative and experimental uses of clay for non-utilitarian expressive forms.

### ART 270 Jewelry and Metalsmithing Design III (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 151

**Note:** May be taken 2 times; maximum of 4 completions in any combination of ART 150, ART 151, ART 270

**Transfer acceptability:** CSU

Continued exploration of the manipulation of metal. Advanced projects in jewelry and metalsmithing.

### ART 275 Stained Glass II (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 155

**Note:** May be taken 2 times

**Transfer acceptability:** CSU

Creative expression in flat glass. Emphasis on architectural and fine arts application of the medium. Painting, enameling, and etching techniques will be explored in depth.

### ART 276 Cold Glass Design (1)

2 hours lecture/laboratory

**Note:** May be taken 3 times

**Transfer acceptability:** CSU

Applications of the materials and processes involved in the production of flat glass materials. Emphasis is on the design of stained glass and problem solving during fabrication of designs.

### ART 277 Glass Casting (1)

2 hours lecture/laboratory

**Note:** May be taken 3 times

**Transfer acceptability:** CSU

The study of the properties of molten glass as applied to glass casting. The acquisition of knowledge through problem solving using open face glass casting techniques.

### ART 280 Glassblowing-Offhand II (3)

6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'C' in ART 160

**Note:** May be taken 2 times

**Transfer acceptability:** CSU

Advanced problems in the creation of fine blown glass.

### ART 295 Directed Study in Art (1, 2, 3)

3, 6, or 9 hours laboratory

**Prerequisite:** A minimum grade of 'C' in 18 units of college-level art including ART 102, 104 or 105, 165, and 166, and instructor's approval of proposed project or research

**Note:** May be taken 4 times for a maximum of 9 units

**Transfer acceptability:** CSU; UC - Credit determined by UC upon review of course syllabus.

Independent study for advanced students dealing with projects or research in areas not covered by regular classes. Students will work under the guidance of an instructor.

### ART 296 Special Projects (1, 2, 3)

2, 4, or 6 hours lecture/laboratory

**Prerequisite:** A minimum grade of 'B' in 6 units of college-level course work in a specialized area of art, and instructor's approval of the proposed project

**Note:** May be taken 4 times for a maximum of 9 units

**Transfer acceptability:** CSU; UC - Credit determined by UC upon review of course syllabus.

A course for the student who has demonstrated a proficiency in art and wishes to work beyond existing classes or desires to pursue a project which does not fit into the context of existing classes. Students will work directly with an instructor.

## Art - Design (ARTD)

Contact the Art Department for further information.

(760) 744-1150, ext. 2302

Office: D-14

### Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

• Graphic Design

## PROGRAM OF STUDY

### Graphic Design

Prepares students in basic skills necessary to prepare a portfolio for application to graphic Design, environmental Design, and packaging Design programs at 4 year schools. In addition, develops creative Design ability and conceptual skills in the printed media, motion graphics, and web Design.

### A.A. DEGREE MAJOR

Program Requirements	Units
ART 104 Design and Composition	3
ART 166 History of Art II	3
ART 200 Color/Light and Theory	3
ARTD 100 Graphic Design I	3
ARTD 150 Digital Concepts and Techniques in Art	3
ARTD 200 Graphic Design II- Lettering and Layout	3
ARTD 210 Typography Design	3
ARTD 220 Motion Design	3
ARTD 250 New Media Studio	3
ARTI 100 Introduction to Illustration	3
ARTI 246 Digital 3D Design and Modeling	3
ARTI 247 Digital 3D Design and Animation	3
BUS 150 Advertising	3
PHOT 100 Elementary Photography	3.5
Final Art Portfolio Review	0

### Electives (Select 6-7 units)

ART 120 Life Drawing and Composition I	3
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