

ARCH 135 Architectural Materials and Methods of Construction (3)*1 ½ hours lecture - 4 ½ hours laboratory***Transfer acceptability:** CSU

An introduction to the use and application of building construction materials and processes.

ARCH 144 Architectural Drawing and Color (4)*3 hours lecture - 3 hours laboratory***Transfer acceptability:** CSU; UC

An introduction to basic architectural drawing and design that explores the theory and application of perspective, shades and shadows, and color to architectural sketching, drawing, and model building. Includes a basic architectural design problem exploring the concept of architectural complexity.

ARCH 145 Architectural Delineation and Pictorial Drawing (4)*3 hours lecture - 3 hours laboratory***Recommended preparation:** ID/ARCH 150**Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU; UC

Principles and techniques of pictorial drawing in architecture including isometric, oblique, and perspective projection; shades and shadows; and presentation graphics. The three dimensional and shading capabilities of AutoCAD will be utilized in coordination with the use of Photoshop and SketchUP software as a color rendering tool. Abstract architectural design concepts will also be explored.

ARCH 150 Computer Aided Drafting for Designers (CADD) (3)*1 ½ hour lecture - 4 ½ hours laboratory***Note:** Cross listed as ID 150**Transfer acceptability:** CSU

Introduction to computer aided drafting for architects and interior designers, to include two and some three-dimensional drawing, blocks, draw and modify design tools, rendering, barrier free design, and architectural floor plan layouts.

ARCH 155 Architectural Theory (3)*3 hours lecture***Transfer acceptability:** CSU

A study and analysis of the concepts and philosophies that have influenced or been the basis of architectural form from the Classical period to the present. The analysis will include the use of drawing and model-building tools to gain an understanding of these principles applied to specific structures throughout history.

ARCH 160 Environmental Architecture and Design (4)*3 hours lecture - 3 hours laboratory***Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU; UC

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 196 Special Problems in Architecture (1, 2, 3)*½, 1, or 1 ½ hours lecture - 1 ½, 3, or 4 ½ hours laboratory***Note:** May not be taken for Pass/No Pass grading**Transfer acceptability:** CSU; UC - credit determined by UC upon review of course syllabus

Designed to enrich the student's experience within the Architecture program and is of a research or special project nature. Content to be determined by the need of the student under signed contract with the instructor.

ARCH 200 Advanced Computer Aided Architectural Drafting (4)*2 hours lecture - 6 hours laboratory***Prerequisite:** A minimum grade of 'C' in ARCH/ID 150, or ARCH/IDT 125, and a minimum grade of 'C' in ARCH 105, or concurrent enrollment in ARCH 105**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)*1 ½ hours lecture - 4 ½ hours laboratory***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)*2 ½ hours lecture - 7 ½ hours laboratory***Recommended preparation:** ARCH 144 and 145**Transfer acceptability:** CSU; UC

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)*2 ½ hours lecture - 7 ½ hours laboratory***Recommended preparation:** ARCH 145 and 215**Transfer acceptability:** CSU; UC

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 Science Degrees -

AS 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

Associate in Arts Degrees -

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

- 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 (Select five courses) | | 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.S. 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 Film and Darkroom Photography | 3 |
| Final Art Portfolio Review | | 0 |

Electives (Select 6-7 units)

| | | |
|----------|--------------------------------------|-------|
| ART 120 | Life Drawing and Composition I | 3 |
| ART 296 | Special Projects | 1 - 3 |
| ARTI 220 | Illustration II, Digital Techniques | 3 |
| ARTI 248 | Digital 3D Design and Sculpture | 3 |
| GCIP 140 | Digital Imaging/Photoshop I | 4 |
| GCIP 152 | Digital Publishing/Illustrator I | 4 |
| DBA 275 | Avid Editing for Television and Film | 3 |
| BMGT 105 | Small Business Management | 3 |
| MUS 180 | Computer Music I | 3 |
| MUS 181 | Computer Music II | 3 |
| or | | |
| MUS 184 | Electronic Ensemble | 3 |
| CE 100 | Cooperative Education | 1 - 4 |

TOTAL UNITS **48 - 49**

Graphic Design A.S. 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.S. 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 | 3 |
| ART 197F | Topics in Art – Drawing | 1.5-3 |
| 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 Film and Darkroom Photography | 3 |
| CE 100 | Cooperative Education | 1, 2, 3, 4 |

TOTAL UNITS **45**

Illustration A.S. 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.S. 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 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/DBA 120 | Digital Television Production | 3 |

TOTAL UNITS **28 – 31**

Emphasis in Multimedia Design

A.S. 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 |
| GC 110 Graphics and Media: A Multicultural Perspective | 3 |
| GCIP 240 Digital Imaging/Photoshop III | 4 |
| GCMW 101 Multimedia I | 4 |
| GCMW 201 Multimedia II | 4 |
| GCMW 204 Motion Graphics/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 140 Digital Imaging/Photoshop I | 4 |
| GCIP 152 Digital Publishing/Illustrator I | 4 |
| GCMW 100 History of Multimedia | 3 |
| GCMW 102 Web Page Layout I | 4 |
| GCMW 197B Topics in Multimedia | 3 |
| GCMW 203 Web Multimedia | 4 |
| MUS 180 Computer Music I | 3 |
| DBA/CINE 170 Introduction to Video Editing | 3 |

TOTAL UNITS 34 - 36

Interactive Media Design A.S. 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 | 3 |
| ART 102 Drawing and Composition I | 3 |
| ART 103 Drawing and Composition II | 3 |
| ART 104 Design and Composition | 3 |
| ART 105 3-Dimensional Form and Design | 3 |
| ART 120 Life Drawing and Composition I | 3 |
| ART 121 Life Drawing and Composition II | 3 |
| ART 165 History of Art I | 3 |
| ART 166 History of Art II | 3 |
| ART 200 Color/Light and Theory | 3 |
| Final Art Portfolio Review | 0 |

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 197F Topics in Art - Drawing | .5 - 3 |
| ARTI 200 Rendering | 3 |
| ARTI 210 Illustration I, Traditional Techniques | 3 |
| ARTI 220 Illustration II, Digital Techniques | 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 |

TOTAL UNITS 42

Emphasis in Printmaking

A.A. DEGREE MAJOR

| Program Requirements | Units |
|---|-------|
| ART 101 Methods and Materials | 3 |
| ART 102 Drawing and Composition I | 3 |
| ART 103 Drawing and Composition II | 3 |
| ART 104 Design and Composition | 3 |
| ART 105 Three-Dimensional Form and Design | 3 |
| ART 120 Life Drawing and Composition I | 3 |
| ART 165 History of Art I - Survey of Western Art | 3 |
| ART 166 History of Art II - Survey of Western Art | 3 |
| ART 200 Color/Light and Theory | 3 |
| Final Art Portfolio Review | 0 |

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 |
| ARTI 210 Illustration I, Traditional Techniques | 3 |
| ARTI 220 Illustration II, Digital Techniques | 3 |

TOTAL UNITS 33

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 | 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 136 Ceramics II | 3 |
| ART 165 History of Art I | 3 |

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|---------|----------------------------|---|
| ART 166 | History of Art II | 3 |
| ART 250 | Ceramics III | 3 |
| ART 260 | Sculpture I | 3 |
| ART 265 | Ceramic Sculpture I | 3 |
| ART 266 | Ceramic Sculpture II | 3 |
| | Final Art Portfolio Review | 0 |

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 Film and Darkroom Photography | 3 |

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| TOTAL UNITS | 42 |
|--------------------|-----------|

Emphasis in Crafts**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 146 | Design in Wood | 3 |
| ART 147 | Design in Enamels | 3 |
| ART 150 | Jewelry and Metalsmithing Design I | 3 |
| ART 165 | History of Art I | 3 |
| ART 166 | History of Art II | 3 |
| ART 260 | Sculpture I | 3 |
| | Final Art Portfolio Review | 0 |

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 Film and Darkroom Photography | 3 |

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|--------------------|-----------|
| TOTAL UNITS | 42 |
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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 |

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| TOTAL UNITS | 40 – 42 |
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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 |

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|--------------------|-----------|
| 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 |

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|--------------------|-----------|
| TOTAL UNITS | 42 |
|--------------------|-----------|

COURSE OFFERINGS

Individual courses are not repeatable. State Guidelines also limit the number of times a student may take courses with related content and similar primary educational activities. Therefore, some combinations of course work in Art have limitations on the number of times a student may enroll. Specific information about enrollment limitations for ART classes is available at <http://www.palomar.edu/>

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)
1½ hours lecture - 4½ hours laboratory

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)
1½ hours lecture - 4½ hours laboratory

Transfer acceptability: CSU; UC

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)
1½ hours lecture - 4½ hours laboratory

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

Transfer acceptability: CSU; UC

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)
1½ hours lecture - 4½ hours laboratory

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)
1½ hours lecture - 4½ hours laboratory

Transfer acceptability: CSU; UC

Basic instruction in sculptural forms and structures. Charts the development of spatial relations from point to line to plane to volume to complex forms and materials. 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)
1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'B' in at least one semester of a college-level drawing course

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)
1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 120

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 125 Head Drawing (3)
1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 102 or ART 100

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 135 Ceramics I (3)
1½ hours lecture - 4½ hours laboratory

Transfer acceptability: CSU; UC

An introduction to basic forming techniques in clay and various surface treatments.

ART 136 Ceramics II (3)
1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 135

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)
1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 135

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 (3)
1½ hours lecture - 4½ hours laboratory

Recommended preparation: ART 135, 136, and 250

Transfer acceptability: CSU

A study of ceramic surface treatments and decorative techniques.

ART 139 Raku Techniques (3)
1½ hours lecture - 4½ hours laboratory

Recommended preparation: ART 135, 136, and 250

Transfer acceptability: CSU

Exploration of the raku ceramic process and related earthenware decorative techniques.

ART 140 Foundry Techniques in Sculpture I (3)
1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 105

Transfer acceptability: CSU

Theory and practice in casting skills using foundry techniques.

ART 145 Design in Mixed Media (3)
1½ hours lecture - 4½ hours laboratory

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)
1½ hours lecture - 4½ hours laboratory

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)
 1½ hours lecture - 4½ hours laboratory
Recommended preparation: ART 104
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)
 1½ hours lecture - 4½ hours laboratory
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)
 1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in ART 150
Transfer acceptability: CSU
 Exploration of manipulation of metal and surface decoration including stone setting.
- ART 155 Stained Glass I** (3)
 1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in ART 104
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)
 1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in ART 104 or 105
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 163 Arts of Asia** (3)
 3 hours lecture
Transfer acceptability: CSU; UC
 A survey of the visual arts from China, Southeast Asia, India, Japan and Korea, from the prehistoric to the present. Students will gain an understanding of the major monuments of Asian art within their historical, social, religious, and political frameworks.
- ART 164 Arts of Africa, Oceania and the Americas** (3)
 3 hours lecture
Transfer acceptability: CSU; UC
 A survey of the visual arts from Africa, Oceania and the Americas, from the pre-historic to the present. Students will gain an understanding of the major monuments of African, Oceanic, and South, Central, and North American art within their historical, social, religious, and political frameworks.
- 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 197B Topics in Art – Painting** (3)
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.
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 and/or laboratory may be scheduled by the department. Refer to Class Schedule.
Transfer acceptability: CSU
 Short and extended term lecture workshops or laboratory courses in various specialized aspects of glass.
- ART 197D Topics in Art – Ceramics** (1-3)
 Units awarded in topics courses are dependent upon the number of hours required of the student. Any combination of lecture and/or laboratory may be scheduled by the department. Refer to Class Schedule.
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 and/or laboratory may be scheduled by the department. Refer to Class Schedule.
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)

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

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)

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

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)

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

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)

1½ hours lecture - 4½ hours laboratory

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)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 150 or 260

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)

3 hours laboratory

Transfer acceptability: CSU

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

ART 220 Oil Painting I (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 103 and 200, or concurrent enrollment in ART 103 and 200

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)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 220

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)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 103 and 200, or concurrent enrollment in ART 103 and 200

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)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 225

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)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 103 and 200, or concurrent enrollment in ART 103 and 200

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)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 230

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)

1½ hours lecture - 4½ hours laboratory

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)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 235

Transfer acceptability: CSU; UC

Advanced work in watercolor media.

ART 250 Ceramics III (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 136

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)

1½ hours lecture - 4½ hours laboratory

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

Transfer acceptability: CSU

Advanced theory and practices in casting skills using foundry techniques.

ART 260 Sculpture I (3)

1½ hours lecture - 4½ hours laboratory

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

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)

1½ hours lecture - 4½ hours laboratory

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

Transfer acceptability: CSU; UC

Advanced projects in the concept and creation of original sculpture.

ART 265 Ceramic Sculpture I (3)

1½ hours lecture - 4½ hours laboratory

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

1½ hours lecture - 4½ hours laboratory

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

1½ hours lecture - 4½ hours laboratory

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

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

ART 275 Stained Glass II (3)

1½ hours lecture - 4½ hours laboratory

Prerequisite: A minimum grade of 'C' in ART 155**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 280 Glassblowing-Offhand II (3)

1½ hours lecture - 4½ hours laboratory

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

AS 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.S. 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 Film and Darkroom Photography | 3 |
| 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 |
| ARTI 248 Digital 3D Design and Sculpture | 3 |
| GCIP 140 Digital Imaging/Photoshop I | 4 |
| GCIP 152 Digital Publishing/Illustrator I | 4 |
| DBA 275 Avid Editing for Television and Film | 3 |
| BMGT 105 Small Business Management | 3 |
| MUS 180 Computer Music I | 3 |
| MUS 181 or MUS 184 Computer Music II Electronic Ensemble | 3 |
| CE 100 Cooperative Education | 1, 2, 3, 4 |

TOTAL UNITS**48 - 49**

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

COURSE OFFERINGSIndividual courses are not repeatable. State Guidelines also limit the number of times a student may take courses with related content and similar primary educational activities. Therefore, some combinations of course work in Art - Design have limitations on the number of times a student may enroll. Specific information about enrollment limitations for Art - Design classes is available at <http://www.palomar.edu/>**ARTD 100 Graphic Design I (3)**

1½ hours lecture - 4½ hours laboratory

Transfer acceptability: CSU

Design principles as they apply to graphic communication. Abstract and pictorial Design for the printed media. Film and architectural signage. Lettering is applied as an abstract Design element.