

ARCH 125 AutoCAD Introduction to Computer Aided Drafting (3)*1½ hours lecture - 4½ hours laboratory***Transfer acceptability:** CSU; UC; Not qualified for CAN code

An introduction to computer aided drafting using AutoCAD software and IBM compatible computers. Hands-on experience with AutoCAD to include the following operations: preparing and editing drawings, storage and retrieval of drawings, and production of commercial quality drawings on a plotter. Introductory computer terminology and techniques in Windows.

ARCH 129 Basic Architectural Drafting with Auto CAD (3)*1½ hours lecture - 4½ hours laboratory***Transfer acceptability:** CSU

Basic fundamentals of architectural drafting using AutoCAD software to include the following drawings: plot plans, floor plans, foundation plans, framing plans, sections, elevations, and basic construction details.

ARCH 135 Architectural Materials and Methods of Construction (4)*3 hours lecture - 3 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)*1½ hour lecture - 4½ 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

Introduction to the theory and application of bio-climate adaptive architectural design in small scale buildings. Includes 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 1½ hours lecture - 1½, 3, or 4½ 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/DT 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)*1½ hours lecture - 4½ 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)*2½ hours lecture - 7½ 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)*2½ hours lecture - 7½ 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
- 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 - Survey of Western Art | 3 |
| ART 200 Color Theory | 3 |
| ARTI 100 Concept Sketching | 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 |
| ARTI 246 Digital 3D Design and Modeling | 3 |
| Final Art Portfolio Review | 0 |

Electives (Select 6-7 units)

| | |
|---|----------------|
| ART 120 Foundations of Life Drawing | 3 |
| ART 296 Special Projects | 1 - 3 |
| ARTI 247 Digital 3D Design and Animation | 3 |
| ARTI 248 Digital 3D Design and Sculpture | 3 |
| ARTI 220 Illustration II, Digital Techniques | 3 |
| ART 120 Foundations of Life Drawing | 3 |
| PHOT 100 Elementary Film and Darkroom Photography | 3 |
| BMGT 105 Small Business Management | 3 |
| CE 100 Cooperative Education | 1 - 4 |
| TOTAL UNITS | 36 - 37 |

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

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 Foundations of Life Drawing | 3 |
| ART 125 Introduction to Portraiture | 3 |
| ART 166 History of Art II | 3 |
| ART 200 Color Theory | 3 |
| ARTD 150 Digital Concepts and Techniques in Art | 3 |
| ARTI 100 Concept Sketching | 3 |
| ARTI 210 Illustration I | 3 |
| ARTI 220 Illustration II, Digital 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 | .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 |
| GCIIP 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/ | | |
| MCS 115 | 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 - Emphasis in Painting

This program is designed to serve as preparation for transfer to a four-year college or university, as well as enable the student to acquire skills in producing marketable fine art for gallery exhibition and commissions, or to enter into the commercial area.

The required courses for this degree transfer as lower division credits into participating CSU programs.

Transfer students are encouraged to consult Assist.org and four-year college or university catalogs for specific requirements, as well as see a Palomar College counselor.

A.A. DEGREE MAJOR

| Program Requirements | | Units |
|-----------------------------|---|--------------|
| ART 102 | Foundations of Drawing | 3 |
| ART 104 | Design and Composition | 3 |
| ART 105 | Three-Dimensional Form and Design | 3 |
| ART 165 | History of Art I - Survey of Western Art | 3 |
| ART 120 | Foundations of Life Drawing | 3 |
| ART 200 | Color Theory | 3 |
| ART 220 | Introduction to Painting | 3 |
| ART 166 | History of Art II - Survey of Western Art | 3 |
| ART 106 | Life Painting | 3 |
| ART 235 | Watercolor Painting I | 3 |

Electives (select 6 units)

| | | |
|--------------------|--|-----------|
| ART 125 | Introduction to Portraiture | 3 |
| ART 103 | Intermediate Drawing | 3 |
| ART 121 | Intermediate Life Drawing | 3 |
| ART 221 | Painting | 3 |
| ART 236 | Watercolor Painting II | 3 |
| ARTD 150 | Digital Concepts and Techniques in Art | 3 |
| ARTI 210 | Illustration I - Rendering Techniques | 3 |
| ARTI 220 | Illustration II, Digital Techniques | 3 |
| TOTAL UNITS | | 36 |

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 | Foundations of Drawing | 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 |
| 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/Glassforming I | 3 |
| ART 261 | Sculpture II | 3 |
| PHOT 100 | Elementary Film and Darkroom Photography | 3 |
| TOTAL UNITS | | 42 |

Emphasis in Crafts

A.A. DEGREE MAJOR

| Program Requirements | | Units |
|-----------------------------|------------------------------------|--------------|
| ART 101 | Methods and Materials | 3 |
| ART 102 | Foundations of Drawing | 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 |

TOTAL UNITS 42

Emphasis in Glass**A.A. DEGREE MAJOR****Program Requirements**

| | Units | |
|---------|-------------------------------|---|
| ART 101 | Methods and Materials | 3 |
| ART 102 | Foundations of Drawing | 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/Glassforming I | 3 |
| ART 165 | History of Art I | 3 |
| ART 166 | History of Art II | 3 |
| ART 260 | Sculpture I | 3 |
| ART 280 | Glassblowing/Glassforming I | 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 |

TOTAL UNITS 40 – 42

Emphasis in Jewelry and Metalsmithing**A.A. DEGREE MAJOR****Program Requirements**

| | Units | |
|---------|--------------------------------------|---|
| ART 101 | Methods and Materials | 3 |
| ART 102 | Foundations of Drawing | 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 |

TOTAL UNITS 42

Emphasis in Sculpture**A.A. DEGREE MAJOR****Program Requirements**

| | Units | |
|---------|-----------------------------------|---|
| ART 101 | Methods and Materials | 3 |
| ART 102 | Foundations of Drawing | 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/Glassforming I | 3 |
| ART 205 | Indirect Metal Forming | 3 |
| ART 255 | Foundry Techniques/Sculpture II | 3 |

TOTAL UNITS 42

COURSE OFFERINGS

Individual courses are not repeatable. State Regulations (Title 5, Sections 55040-55041) 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/schedule/restrictions.htm>

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 Foundations of Drawing (3)
1½ hours lecture - 4½ hours laboratory

Transfer acceptability: CSU; UC

Introduction to principles, elements, and practices of drawing, employing a wide range of subject matter and drawing media. Focus on perceptually based drawing, observational skills, technical abilities, and creative responses to materials and subject matter.

ART 103 Intermediate Drawing (3)
1½ hours lecture - 4½ hours laboratory

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

Transfer acceptability: CSU; UC

Exploration of artistic concepts, styles, and creative expression related to intermediate-level drawing, focusing on complex subject matter and concepts using a variety of drawing mediums, techniques, and methodologies. Builds on fundamental drawing skills to develop personalized approaches to content and materials in exercises covering multiple historical and contemporary approaches to drawing.

- ART 104 Design and Composition** (3)
1½ hours lecture - 4½ hours laboratory
Transfer acceptability: CSU; UC
 Introduction to the concepts, applications, and historical references related to two-dimensional art and composition, including the study of the basic principles and elements of line, shape, texture, value, color and spatial illusion. Development of a visual vocabulary for creative expression through lecture presentations, studio projects, problem solving, and written assignments.
- 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 Life 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 Foundations of Life Drawing** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in Art 102
Transfer acceptability: CSU; UC
 Introduction to drawing the human figure from observation using a wide variety of drawing media and techniques. Topics include an introduction to human anatomy and the historical and contemporary roles of figure drawing in the visual arts. Students in this course will learn both descriptive and interpretive approaches to drawing the figure.
- ART 121 Intermediate Life Drawing** (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 advanced investigation of the human figure as the primary subject of composition in historical and contemporary art. Developed for the advanced painting or illustration majors to aid in the preparation of entry portfolios required for admittance to specialized private four year institutions.
- ART 125 Introduction to Portraiture** (3)
1½ hours lecture - 4½ hours laboratory
Prerequisite: A minimum grade of 'C' in ART 102
Transfer acceptability: CSU; UC
 Introduction to portraiture. Special emphasis is placed on the historical and contemporary role of portraiture in art. Techniques range from traditional approaches to expressive application of drawing and painting media.
- 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/Glassforming I** (3)
1½ hours lecture - 4½ hours laboratory
Transfer acceptability: CSU
 An introductory course exploring creative applications and potential of glass as a means for artistic expression. Through hands-on material/process and artistic research students will gain an understanding of glassblowing and glassforming as an artist's medium.

- 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 prehistoric 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 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.