

2007-09 Cal Poly Catalog

Art and Design Department

ART

ART 101 The Fundamentals of Drawing (4) GE C3

Introduction to the artistic practice and cultural value of drawing from the Renaissance to the 21st Century. Emphasis and expansion of the practical skills of observation, rendering, and understanding the signs of meaning produced in visual art. Development of formal techniques, media experimentation, and content creation through personal expression. Exercises to encourage growth in technical skill, conceptual innovation, critical thinking, and visual communication. 1 lecture, 3 activities.

ART 105 Foundation: Color Theory (3) (formerly ART 132)

Basic design color theory developed through exercises in hue, value and intensity. 1 lecture, 2 activities.

ART 106 Foundation: 2-Dimensional Design (3) (formerly ART 131)

Basic design theory in black, white, greys and color covering the visual elements and principles in two dimensions. 1 lecture, 2 activities. Prerequisite: ART 105.

ART 107 Foundation: 3-Dimensional Design (3) (formerly ART 134)

Core course in research and application of principles, elements and criticism of three-dimensional design concepts. 1 lecture, 2 laboratories. Prerequisite: ART 106.

ART 111 Introduction to Art (4) GE C3

Designed to acquaint the non-art major with painting, sculpture, drawing, crafts, architecture and printmaking. Development of vocabulary, analytic skills, and research techniques for the understanding of art objects. 4 lectures.

ART 112 Survey of Western Art (4) GE C3

History of major art movements in western civilization from ancient art to the twentieth century. Representative periods of western culture, such as the ancient world, the Middle Ages, the Renaissance, and the modern world. 4 lectures.

ART 121 Basic Digital Photography (3) (formerly ART 221)

Fundamental techniques in photography. Mechanics of digital cameras and equipment, optics, composition, filters, and subject content. Understanding photographic principles. Digital camera required. 2 lectures, 1 laboratory.

ART 148 Sculpture (4) GE C3

Exploration of three dimensional form through problems in modeling, casting, carving, and techniques of assembly. Historical and contemporary concepts as applied to the discipline of sculptural styles. 1 lecture, 3 activities.

ART 182 Photographic Manipulation and Design (3)

Introduction to photographic image manipulation software for design, photography and studio students. Fundamental technical skills of current software and their potential for content creation, invention and expression. 2 lectures, 1 laboratory.

ART 183 Digital Illustration and Design (3)

Introduction to digital illustration. Fundamental technical skills and their potential for content creation, invention and expression. 2 lectures, 1 laboratory. Prerequisite: ART 182.

ART 184 Digital Book Making and Design (3)

Introduction to book making. Fundamental technical skills of current software as well as their potential for content creation, invention, and expression. Desktop publishing as well as the creation of fine art books. 2 lectures, 1 laboratory. Prerequisite: ART 182, ART 183.

ART 200 Special Problems for Undergraduates (1-2)

Individual investigation, research, studies or surveys of selected problems. Total credit limited to 4 units, with a maximum of 2 units per quarter. Prerequisite: Consent of instructor.

ART 201 Intermediate Drawing (3)

Development of additional drawing techniques with emphasis on form content, pictorial space, B/W media, color, mixed media and composition. 3 activities. Prerequisite or concurrent: ART 101, 106, or consent of instructor.

ART 203 Art Theory and Practice (3)

Contemporary issues in art and design, linking "ideas" in art theory to problem-solving. Emphasis on developing creative content through knowledge of contemporary critical thinking, aesthetics, techniques, and vocabulary. 3 activities. Prerequisite: ART 101 and ART 148.

ART 209 Beginning Painting (3)

Introduction to technical and formal problems in painting. Physical characteristics of paint, various tools and substrates. Projects emphasize creative understanding of pictorial space, color and concept. 3 activities. Prerequisite: ART 101 and ART 105 or consent of instructor.

ART 211 Art History—Ancient to Renaissance (4)

Development of art from antiquity to the early stages of the Renaissance in Europe. Particular emphasis on European art with appropriate references to sources from antiquity which have been particularly influential on European painting and sculpture. Comparison of relevant parallel examples of the art of non-European cultures. 4 lectures.

ART 212 Art History—Renaissance through Baroque Eras (4)

The significant visual expressions of Northern and Southern European art of the Renaissance and Baroque period. Relevant parallel examples of the art of non-European cultures. 4 lectures.

ART 222 Intermediate Photography (3)

Control of tonal range using 35mm cameras and available daylight illumination. Assignments encourage development of composition and visual communication skills. Emphasis on "photographic seeing" and professional quality enlargements. 2 lectures, 1 laboratory. Prerequisite: ART 121 or equivalent.

ART 224 Introduction to Artificial Lighting for Photography (3)

Studio lighting is used to introduce the student to contemporary professional studio photography. Quality developing and printing skills are required. Introduction to current examples of professional studio lighting. 2 lectures, 1 laboratory. Prerequisite: ART 222.

ART 225 Digital Color Photography (3) (formerly ART 322)

Fundamental techniques in digital color photography. Theory of color in expression and communication, visual concepts, and digital photography vocabulary. Survey of contemporary color photography and digital image making. 2 lectures, 1 laboratory. Prerequisite: ART 222.

ART 232 Beginning Graphic Design (3)

Basic terminology, studio skills, assembly methods, photographic reproduction processes, and specification for graphic designers. Familiarization with the various services available. 2 lectures, 1 laboratory. Prerequisite: ART 107 and ART 182.

ART 241 Introduction to Glass Fusing and Forming (3)

Studio course in the creative processes of fusing, forming, and assembling glass. Introduction to the use of line, color, and texture related to glass as a transparent or opaque material. Total credit limited to 6 units. 1 lecture, 2 laboratories. Prerequisite: ART 101 and ART 107 or ART 148 or consent of instructor.

ART 245 Ceramics I (3)

Studio course in basic clay working with emphasis on design quality, hand building, and use of the potter's wheel. 1 lecture, 2 laboratories. Prerequisite: ART 107 or consent of instructor.

ART 255 Jewelry Design (3)

Studio course in nonferrous metal techniques including cutting, forming, soldering, and forging with emphasis on creative design solutions. 3 activities. Prerequisite: ART 107 or consent of instructor.

ART 260 Art Critique and Discourse (2)

Developing an individual "body" of artwork. Rigorous critiques, lectures, and seminar-style discussions aimed at forming a "process" for discussing artwork. 2 activities. Prerequisite: ART 101, ART 107, and ART 148.

ART 301 Advanced Drawing (3)

Development of advanced methods and techniques in the study of form, color media, content, and developing an individual artistic "voice" in drawing. Emphasis on problem-solving, critical thinking, and the

contemporary discourse in drawing. Total credit limited to 9 units. 3 activities. Prerequisite: ART 201, ART 203 and ART 209, or consent of instructor.

ART 302 Life Drawing I (3)

Development of methods and techniques in the study of form and structure as it relates to human proportion and anatomy analysis. Total credit limited to 6 units. 3 activities. Prerequisite: ART 201.

ART 309 Intermediate Painting (3)

Continuation of study of technical and formal problems in painting. Expanded study of physical characteristics of paint, tools, and substrates. Emphasis on the creative process from concept to finished art. Contemporary issues in painting introduced. The Schedule of Classes will list topic selected. Total credit limited to 9 units. 3 activities. Prerequisite: ART 209, or consent of instructor.

ART 310 Art History—American Art (4)

Major historical periods of American art from the colonial period to the present. Special emphasis will be given to the broader notion of American art as a process of developing an identity of the varied historical and sociological forces that have shaped images in American art. 4 lectures. Prerequisite: One lower division art history course or consent of instructor.

ART 311 Art History—Nineteenth Century Art (4)

History of painting and sculpture from the French Revolution to the beginning of the 20th century. Significant movements such as Neo-Classicism, Romanticism, Realism, Impressionism and Post-Impressionism. 4 lectures. Prerequisite: One lower division art history course, or consent of instructor.

ART 312 Art History—Twentieth Century Art (4)

History of major art movements from the beginning of the twentieth century to the present. Major emphasis will be placed on Fauvism, Cubism, Expressionism, Dada, Surrealism, and the period of Post-World War II art to that of contemporary twenty-first century art. 4 lectures. Prerequisite: ART 211 or ART 212 or consent of instructor.

ART 313 Design History (4)

Survey of design from the Victorian era to the present, including major philosophies and movements, political, social, cultural, and technological trends that influenced designers in the 20th century. 4 lectures. Prerequisite: Any lower division art history course.

ART 314 History of Photography (4)

GE C4

In-depth survey of the artistic and cultural achievements in photography from its invention to the present day. Significant photographers, the evolution of aesthetic criteria in the context of other visual arts as well as social/cultural impact. 4 lectures. Prerequisite: Completion of GE Areas A and C3. Art and Design majors will not receive GE C4 credit.

ART 316 Women as Subject and Object in Art History (4)

(Also listed as WS 316)

Exploration of the role of women in the visual arts. Women as artists, women as portrayed in art, and feminist theory as it applies to the study of the visual arts and art history. 4 lectures. Prerequisite: ART 111, ART 112 or consent of instructor.

ART 317 Asian Art Survey (4)

Survey of the traditional arts of Asia – primarily India, China and Japan. Emphasis on the connections between the visual arts in Asia and the philosophical, social and cultural environments in which they arose. 4 lectures. Prerequisite: ART 111 or ART 112, or ART 211, or consent of instructor.

ART 318 Asian Art Topics: National, Religious, and Intellectual Movements (4)

GE C4

In-depth examination of significant art movements in Asia. Each topic will focus on the development of art in Asia within the context of a specific geographical or theoretical framework. Details will vary depending on topic. The Schedule of Classes will list topic selected. Total credit limited to 12 units. 4 lectures. Prerequisite: Completion of GE Areas A and C3. Art and Design majors will not receive GE C4 credit.

ART 324 Photographic Expression (4)

Emphasis on personal expression and developing style, introduction to symbology, visual source development and the work of contemporary creative photographers. 2 lectures, 2 laboratories. Prerequisite: ART 222.

ART 325 Advanced Camera Techniques (3)

Advanced camera techniques using large format film and/or digital cameras. Use of architectural exteriors, interiors, landscapes and simple studio set-ups to assist mastery of large format cameras. Other topics include perspective and sharpness correction, lighting (available and artificial), digital imaging and studio equipment. High quality imaging for commercial application emphasized. 2 lectures, 1 laboratory. Prerequisite: ART 224.

ART 326 Advanced Artificial Lighting (3)

Professional techniques with large format cameras. Advanced studio and location photography, using professional quality halogen and electronic flash equipment. Topics include studio lighting for glass and metal, food, interiors, and product photography. 2 lectures, 1 laboratory. Prerequisite: ART 325.

ART 327 Portraiture (3)

Studio and environmental portraiture. Emphasis on light ratios/patterns; posing; personality portrayal. 2 lectures, 1 laboratory. Prerequisite: ART 224.

ART 329 Editorial and Corporate Photography (3)

Creating, lighting and executing editorial assignments. Producing photography for corporate needs, i.e. annual reports, brochures and in-house publications. Emphasis on selecting subject matter and handling lights. 2 lectures, 1 laboratory. Prerequisite: ART 326.

ART 331 Typographic Design (3)

Principles of letterforms and how these principles affect the communication of ideas through graphic design. Analysis of type style, structure, and form. Computer applications are required for appropriate problems. 3 activities. Prerequisite: Junior standing. ART 107, ART 184, ART 232, or consent of instructor.

ART 332 Symbology (3)

Use of symbolism and metaphor in graphic design. Communication of complex or abstract concepts with connotative/denotative imagery. Development of ideas from research, reference materials, and the imagination. Computer applications are required for appropriate problems. 3 activities. Prerequisite: ART 331, junior standing.

ART 333 Corporate Identity (3)

Design and implementation of corporate logos. Development of a graphic standards manual for use of identity in diverse applications. For Art and Design majors only. Computer applications are required for appropriate problems. 3 activities. Prerequisite: ART 107, ART 332, junior standing.

ART 335 Digital 3D Modeling and Design (4)

Development of skills and techniques in the use of three-dimensional design and modeling via digital technology. Capabilities of current software in the design and modeling of three-dimensional form. 2 lectures, 2 activities. Prerequisite: ART 107 and ART 182, or consent of instructor.

ART 336 Exhibition Design/Museum Studies (3)

Theory and applied principles of exhibition design for art objects in the museum or gallery setting. Class responsible for planning and installing actual gallery exhibitions. Total credit limited to 9 units. 2 lectures, 1 laboratory. Prerequisite: ART 148, ART 107, or consent of instructor.

ART 341 Glassblowing (4)

Survey of history of glass and introduction to contemporary glass art, presented through visual examples in slide/lecture format. Development of tools and forming processes introduced while student develops 3-dimensional projects. Total credit limited to 8 units. 3 lectures, 1 activity. Prerequisite: ART 101, ART 148 and ART 241; or consent of instructor.

ART 345 Ceramics II (3)

Studio course in hand, wheel, mold, extruder, jigger, and press forming skills. Design of single and multiple forms and kiln firing procedures. Total credit limited to 9 units. 3 activities. Prerequisite: ART 148, or ART 107, or ART 245 or consent of instructor.

ART 348 Intermediate Sculpture (3)

Intermediate sculpture course in expressive use of form with modeling, casting, carving, and/or assembly. Total credit limited to 9 units. 1 lecture, 2 laboratories. Prerequisite: ART 107 and ART 148, or consent of instructor.

ART 353 Intermedia/Art (4)

Studio course emphasizing individual and collaborative creative exploration with project content derived from student's experience. Focus on using traditional as well as new genres of artistic expression such as site specific

installations, video art, book works, and performance art. The Schedule of Classes will list topic selected. Total credit limited to 8 units. 1 lecture, 3 activities. Prerequisite: ART 101, ART 106, and ART 148, or consent of instructor.

ART 355 Metalsmithing (3)

Studio course investigating intermediate fabrication including raising, box construction and masonite dye. Exploration of surface design techniques for nonferrous metals. Emphasis on creative design solutions to problems. Total credit limited to 9 units. 3 activities. Prerequisite: ART 255, or consent of instructor.

ART 356 Jewelry Casting (3)

Introduction to casting for the jeweler with emphasis on creative design solutions to assigned problems. Use of lost wax techniques including design, wax working, casting and finishing. Total credit limited to 9 units. 3 activities. Prerequisite: ART 255, or consent of instructor.

ART 400 Special Problems for Advanced Undergraduates (1–2)

Individual investigation, research, studies, or surveys of selected problems. Total credit limited to 4 units, with a maximum of 2 units per quarter. Prerequisite: Senior standing and consent of instructor.

ART 401 Contemporary Techniques and Issues in Drawing (3)

Advanced contemporary drawing techniques with focus on investigation of contemporary issues and creating a body of work for portfolio and exhibition. Total credit limited to 9 units. 3 activities. Prerequisite: ART 203, ART 301.

ART 402 Life Drawing II (3)

Advanced problems in life drawing. Advanced methods and techniques in the study of the human form as it relates to proportion, anatomy analysis and composition. Total credit limited to 6 units. 3 activities. Prerequisite: ART 302.

ART 406 Contemporary Issues in Painting (3)

Focused investigation into contemporary topics in painting, with connections made to traditional approaches. Formal concerns (color, space, light, composition) balanced with conceptual development. Topics may include, but are not limited to, the human figure, landscape, and technological influences. The Schedule of Classes will list topic selected. Total credit limited to 9 units. 3 activities. Prerequisite: ART 309 or consent of instructor.

ART 409 Advanced Painting (3)

Advanced problems in painting. Emphasis on the creative process from concept to finished art. Investigation of traditional, non-traditional and explorative work. to encourage development of personal approach. Total credit limited to 9 units. 3 activities. Prerequisite: ART 309, or consent of instructor.

ART 427 Advertising Photography (3)

Applied principles of design and color to produce a photograph that sells an idea, product, or service. Both traditional and digital applications used. Joint projects with ART 432, Advertising Design. Emphasis on thinking, planning, interpreting, and presenting an idea photographically. 2 lectures, 1 laboratory. Prerequisite: ART 326 and senior standing.

ART 428 Portfolio Production Photography (1)

Physical production of final portfolio for the graduating senior in photography concentration. 1 laboratory. Prerequisite: ART 427 and senior standing; concurrent enrollment in ART 462 required.

ART 430 Advanced Typographic Design (3)

Advanced principles of letterform design and modification related to the communication of ideas. Continuation of analysis of type characteristics. Emphasis on computer application to the typographic design processes. 3 activities. Prerequisite: ART 333 and senior standing.

ART 431 Package Design (3)

Study of package and graphic design for projects. Projects address research, analysis, designer development and implementation. For Art and Design majors only. Computer applications are required for appropriate problems. 3 activities. Prerequisite: ART 232, ART 333 and senior standing.

ART 432 Advertising Design (3)

Development of print advertising from concept to final presentation. Emphasis on art direction, photo direction and copywriting. For Art and Design majors only. Computer applications are required for appropriate problems. 3 activities. Prerequisite: ART 431 and senior standing.

ART 433 Editorial Design (3)

Design of editorial material, printed collateral, magazine layouts and annual reports. For Art and Design majors only. Computer applications are required for appropriate problems. 3 activities. Prerequisite: ART 431 and senior standing.

ART 435 Illustration (3)

Development of concept and illustration techniques for use in graphic design and advertising. Total credit limited to 6 units. For Art and Design majors only. 3 activities. Prerequisite: ART 209, ART 302, ART 333.

ART 440 Advanced Selected Topics in Glass (4)

Continued exploration into the expressive use of glass as a creative medium. Topics may include glass casting, glass blowing, cane work, mold making, and kiln work. The Schedule of Classes will list topic selected. Total credit limited to 12 units. 2 lectures, 2 activities. Prerequisite: ART 241 or ART 341, or consent of instructor.

ART 448 Advanced Topics in Sculpture (3)

Studio course specializing in three dimensional form. Materials include clay, plaster, metal, or wood. Course content will be selected from various topics that are representational, abstraction, non-objective, or conceptual. The Schedule of Classes will list topic selected. Total credit limited to 9 units; may be in same term. 3 activities. Prerequisite: ART 348.

ART 455 Advanced Metalsmithing (3)

Studio course investigation advanced methods of metalsmithing, using non-ferrous metals including fabrication, raising, masonite-die, and casting. Emphasis on creative design solutions. Total credit limited to 9 units. 3 activities. Prerequisite: ART 355 or ARC 356 or consent of instructor.

ART 460 Professional Practices (2)

Professional practices in the art, photography, and design fields, including legal and ethical issues, taxes, contracts, fees and copyrights. Current job opportunities are researched and a business plan is prepared. Course lectures augmented by visiting professionals. For Art and Design majors only. 2 lectures. Prerequisite: Senior standing.

ART 461 Senior Project (2)

Selection and completion of a project under faculty super-vision. Minimum of 90 hours time. Results presented in a formal report. Prerequisite: Senior standing and ART 460.

ART 462 Senior Portfolio Project (2)

Preparation of portfolio system for entrance into the professional job market or graduate school. 2 activities. Prerequisite: Senior standing and ART 461.

ART 463 Undergraduate Seminar (2)

Analysis of selected problems and topics for undergraduates. 2 seminars. Prerequisite: Senior standing.

ART 465 Contemporary Photography Seminar (2)

Survey of significant photographers and developments in the field since 1950. The interaction between photography and the other visual arts as well as its social impact during this period. Student presentations on selected research topics. Total credit limited to 4 units. 2 seminars. Prerequisite: ART 314.

ART 470 Selected Advanced Topics (1–4)

Directed group study of selected topics for advanced students. Open to undergraduate and graduate students. The Schedule of Classes will list topic selected. Total credit limited to 8 units. 1 to 4 lectures. Prerequisite: Consent of instructor.

ART 471 Selected Advanced Laboratory (1–4)

Directed group laboratory study of selected topics for advanced students. Open to undergraduate and graduate students. The Schedule of Classes will list topic selected. Total credit limited to 8 units. 1 to 4 laboratories. Prerequisite: Consent of instructor.

ART 474 Collaborative Studio: Rendering, Animation and Modeling (4)

A collaborative visualization and design studio focusing on rendering, animation and modeling. Modeling and animation software for design conceptualization and expression. Collaboration in teams. Total credit limited to 8 units. 2 lectures, 2 activities. Prerequisite: ART 335 or consent of instructor.

ART 483 Digital Video (4)

Video and computer generated multimedia presentation scripting, editing, storyboarding and sound cutting. Emphasis on effective communication using presentation techniques and application software to create high impact applications. 2 lectures, 2 laboratories. Prerequisite: ART 182.

ART 484 Animation and Interactive Design (3)

Creation of in-depth animations and interactive presentations. Advanced scripting, storyboarding and interactive communication techniques. 2 lectures, 1 laboratory. Prerequisite: ART 182.

ART 486 Advanced Digital Image Making (3)

Expressive possibilities of latest image manipulation software. Advanced capabilities of this software explored with focus on development of conceptual and expressive abilities in the digital medium. Art and Design majors only. 2 lectures, 1 laboratory. Prerequisite: ART 182 and senior standing.

ART 487 Web Design (3)

Planning and implementation of web sites. Focus on site structure, navigation, HTML, animation, and design considerations. Art and Design majors only. Total credit limited to 6 units. 2 lectures, 1 laboratory. Prerequisite: ART 182 and senior standing.

ART 488 Advanced Web Design (3)

Conceptual and technical objectives: the development of the theoretical skills necessary to design a successful web user interface, information architecture and visual identity for digital projects, and the development of technical skills necessary to design advanced interactivity with Macromedia Flash and JavaScript. 2 lectures, 1 laboratory. Prerequisite: Art and Design majors only, ART 484, ART 487 and senior standing.

ART 489 Advanced Interactive Media Art (3)

Advanced topics in the digital media field such as interface design, information architecture techniques, digital typography and interactive storytelling. Survey of new applications of design for the new media, and the development of digital portfolio pieces. 2 lectures, 1 laboratory. Prerequisite: ART 488, or consent of instructor.

ART 494 Cooperative Education Experience (6) (CR/NC)

Part-time work experience in business, industry, government, and other areas of student career interest. Positions are paid and usually require relocation and registration in course for two consecutive quarters. Formal report and evaluation by work supervisor required. Total credit limited to 12 units. Credit/No Credit grading only. Prerequisite: Sophomore standing and consent of instructor.

ART 495 Cooperative Education Experience (12) (CR/NC)

Full-time work experience in business, industry, government, and other areas of student career interest. Positions are paid and usually require relocation and registration in course for two consecutive quarters. Formal report and evaluation by work supervisor required. Credit/No Credit grading only. Prerequisite: Sophomore standing and consent of instructor.