

CUYAMACA COLLEGE OFFICIAL COURSE OUTLINE

ART 124 – DRAWING I

2 hours lecture, 4 hours laboratory, 3 units

Catalog Description

Forms the physical and intellectual skills necessary to think visually. Develops an understanding of the fundamental drawing tools and techniques used by old and new master artists alike. Line and shape making strategies will be explored through a variety of right and left brain techniques. The use of scientific perspective, modeling and texture will be integrated into the drawing process. This course is important for anyone who must think and organize visually, i.e., drawing, painting, photography, film, video, theater, illustration, graphic design, cartooning, animation, architecture, sculpture, ceramics, jewelry design, crafts, interior design, landscape design, etc.

Prerequisite

None

Course Objectives

Students will be able to:

- 1) Recognize and apply the instinctive, visual, organizing principles that are common to all human beings who make drawings
- 2) Recognize and apply the cultural, biological, environmental, intellectual and emotional organizing principles that differ among humans who make drawings
- 3) Learn and apply creativity and problem-solving skills to make unique and purposeful drawings
- 4) Relate drawing to various professions
- 5) Relate old and new technologies to drawing
- 6) Analyze and make drawings using the official Art 124 vocabulary list
- 7) Draw in realistic, representational, abstract and nonobjective modes to facilitate visual communication
- 8) Analyze and draw using right and left brain drawing systems
- 9) Analyze and draw using lines, positive shapes and negative spaces
- 10) Analyze and draw with modeling and texture
- 11) Develop hand and eye coordination by cutting paper and boards, and drawing with graphite and charcoal
- 12) Control pictorial order in drawing compositions
- 13) Verbally and/or in writing analyze drawing technique, craft and composition of student and master drawings
- 14) Select and control graphite and charcoal tools and papers
- 15) Work in a safe and ecological manner
- 16) Develop a portfolio of drawings

Special Materials Required of Student

- 1) Sketchbook, drawing paper (newsprint, vellum, wove, laid)
- 2) Masonite clipboard
- 3) Charcoal (vine, pencil)
- 4) Workable fixative with odor
- 5) Graphite pencils (2H, HB, 2B, 4B)
- 6) Mechanical pencil (0.5 mm with HB lead)
- 7) Erasers (kneaded, plastic), eraser shield
- 8) Blenders (chamois, tortillon, stump)
- 9) Achromatic value finder
- 10) Centimeter ruler
- 11) T-square
- 12) Plastic 30°/60°/90° triangle

Minimum Instructional Facilities

Studio with large flat drafting tables, easels, wall space with bulletin boards, bright lighting, sinks with hot and cold water, adequate ventilation, outside spray booth, computer system, overhead projector, 35mm slide projector, AV screen, marker board, light box, Rotatrim paper cutter, matt cutter, cutting mats, pencil sharpeners.

Course Content

- 1) Define art, drawing and composition and illustrate with drawings by both genders and from all cultures and time periods
- 2) Define and apply the terms on the official Art 124 vocabulary list
- 3) Discuss the influence of old and new technologies on art making
- 4) Discuss the business applications of art and the relevance of art skills in the general business world
- 5) Define and apply the copyright law as applicable to artists
- 6) Discuss and apply creativity and problem-solving skills
- 7) Emphasize drawing in the realistic and representational modes

- 8) Experience drawing in the abstract and nonobjective mode
- 9) Define and apply positive shapes, form, negative space and space
- 10) Define and apply contour, cross-contour and searching lines
- 11) Define and apply line quality: mechanical, expressive, modeled, calligraphic and closure
- 12) Define left and right brain functions and relate to drawing
- 13) Define and apply right brain drawing techniques: blind, modified blind and gesture
- 14) Define and apply left brain drawing techniques: visualization, standard proportions and scientific perspective
- 15) Define and apply visual analysis techniques requiring both left and right brain functions: sighting, geometrizing, and massing
- 16) Define and apply non-optical recession-based perspective devices: priority perspective, direct measurement, overlapping planes, strong diagonals and atmospheric perspective
- 17) Define and apply scientific perspective in one and two point modes using T-square and triangle to construct: hard borders, ground line, horizon line, eye point, central visual ray and vanishing points
- 18) Define and apply "X" measurements to one and two point scientific perspective
- 19) Define and apply the concept of working drawings and finished drawing
- 20) Define and apply the concept of transferring, enlarging and reducing drawings
- 21) Define, identify and apply the nine tone (#1, #2, #3, #4, #5, #6, #7, #8, #9) achromatic value scale
- 22) Define, identify and apply value ranges: full range, high key, middle key, low key, extreme contrast and silhouette
- 23) Define and apply the principles of achromatic simultaneous contrast
- 24) Define and apply modeling with highlighting and shading using non-directional and directional applications of value
- 25) Define and apply realistic textures and artist's texture
- 26) Define and apply pictorial composition: unity, diversity, balance, emphasis, eye movement, major division, internal scale, golden section, bioptic vision, format selection, open shades and open composition
- 27) Define the types and uses of paper used for graphite and charcoal:
 - a. Selection and use of paper fibers: cotton, wood and bast
 - b. Handmade, mouldmade and machinemade papers
 - c. Paper sheets and pads
 - d. Paper longevity: acid-free, archival, buffered and neutral pH
 - e. Selection, use of paper surface textures: laid, wove, hot pressed, cold pressed, not pressed and true plate
 - f. Selection and use of paper sizings: waterleaf, surface and internal
 - g. Selection and use of paper thicknesses: pounds or gammage
 - h. How to square a paper
- 28) Select the appropriate materials and tools and use safely and ecologically: graphite, charcoal, erasers, blenders, fixatives, rulers, T-square, triangle, light box, drafting tables, easels and cutting tools

Method of Instruction

- 1) Lecture with transparencies, 35mm slides, videos, video disks, films and/or computer projections
- 2) Instructor demonstrations with live performances, transparencies, 35mm slides, videos, video disks, films and/or computer projections
- 3) Assignments (reading, Internet, studio, classroom, homework)
- 4) Individual student conferences
- 5) Master copies
- 6) Master drawing analysis
- 7) Student art exhibitions
- 8) Term papers
- 9) Field trips

Method of Evaluation

A uniformly applied grading system will be established in writing and distributed to all students. The instructor will use multiple measurements to determine the students' intellectual understanding of the official Art 124 vocabulary list and concepts as well as their application and craft in specific designs. Instructor must have a written final exam that covers the official Art 124 vocabulary list. Grading options include:

- 1) Attendance and participation in studio cleanup, safety procedures, classroom discussion, field trips, student art exhibitions
- 2) Individual student conferences or skill demonstrations
- 3) Quantity and quality of assignments (homework, classroom, studio)
- 4) Verbal or written critiques by student of studio projects or artworks
- 5) Quizzes (written) or tests (objective)
- 6) Written analysis

Texts and References

- 1) Required (representative example): Betti, Claudia and Teel Sale. Drawing: A Contemporary Approach, 5th edition. Wadsworth/Thomson Learning, 2004.
- 2) Supplemental: None

Exit Skills

Students having successfully completed this course exit with the following skills, competencies and/or knowledge:

- 1) Define and apply the terms on the official Art 124 vocabulary list
- 2) Draw in realistic and representational modes
- 3) Apply left and right brain theory to drawing

- 4) Draw using contour and cross-contour lines in mechanical, expressive, modeled and closure modes
- 5) Draw using blind, modified blind, gesture, sighting, geometrizing, massing and visualizing techniques
- 6) Draw in one and two point scientific perspective using T-square and triangle
- 7) Recognize and apply all traditional value ranges
- 8) Identify and render the nine achromatic values with graphite and charcoal
- 9) Make directional and non-directional blending with graphite and charcoal
- 10) Render realistic and artists' textures
- 11) Apply control over compositions including balance, major division, eye movement, focal point, scale and format selection
- 12) Calculate and apply the golden section and bioptic vision proportions to drawings
- 13) Enlarge, reduce and transfer drawing compositions from working drawings to finished drawing compositions
- 14) Select and use drawing tools safely and ecologically including: papers, boards, cutting tools, graphite tools, charcoal tools, blenders, fixative, mechanical pencils, pencil sharpeners, metric rulers, T-square, triangles, drafting tape and glues