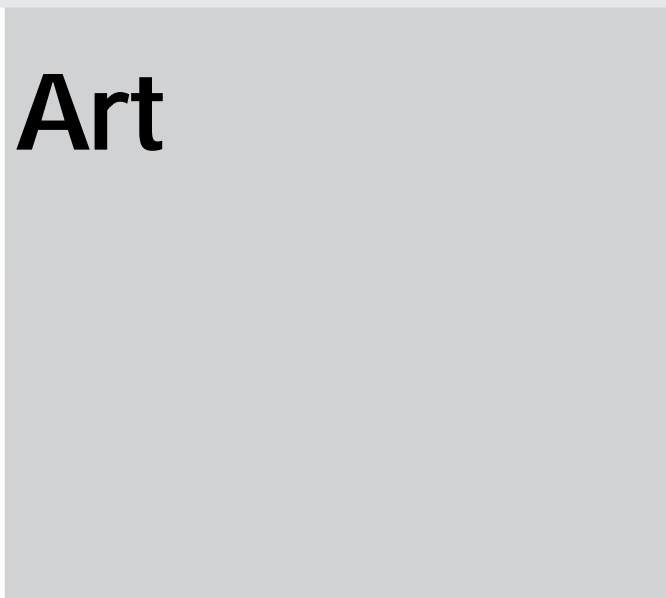


Art
Computer Graphic Art
Photography

Art



CERTIFICATE OF ACHIEVEMENT**Computer Graphic Art Certificate of Achievement**

The program is designed to prepare students for entry level positions in various graphic art fields such as advertising, graphic design, illustration, and digital imaging. The core learned disciplines are the principles of design, an understanding of the visual elements, exposure to art and design history, conceptual visual problem solving, and the production of a graphic portfolio using established computer graphic software.

Required Courses: 27 units

Course Number	Title	Units
ART B1 or ART B30a or ART B30b or ART B30c or ART B30d	Art Appreciation Ancient Mediterranean Art Medieval Art Renaissance Art Modern Art	3.0
ART B2ab or ART B2ef	Basic Drawing Figure Drawing	3.0
ART B3ab	Basic Design	3.0
ART B20	Introduction to Computer Graphics	3.0
ART B21	Graphic Design	3.0
ART B22	Computer Illustration	3.0
ART B23	Advertising Design	3.0
ART B25	Typography	3.0

Electives: at least 3 units

Course Number	Title	Units
ART B17ab	Elementary Photography	3.0
ART B24	Digital Imaging	3.0
ART B50	3d Modeling and Illustration	3.0

Photography Certificate of Achievement

This basic course of study in photography and the arts is designed to give the student a perspective on the artistic and professional aspects of photography. The one-year program is dependent upon scheduling of classes. Students desiring further training may continue toward an Associate Degree or transfer to a four-year institution.

Required Courses: 23 units

Course Number	Title	Units
ART B2ab or ART B2ef	Basic Drawing Figure Drawing	3.0
ART B3ab	Basic Design	3.0
ART B3ef	Fundamentals of Color 1	3.0
ART B17ab	Elementary Photography	3.0
ART B17cd	Intermediate Photography	3.0
ART B17gh	Advanced Photography	3.0
ART B18ab	Individual Projects in Photography	2.0

Electives: at least 3 units

Course Number	Title	Units
ART B1	Art Appreciation	3.0
ART B30a	Ancient Mediterranean Art	3.0
ART B30b	Medieval Art	3.0
ART B30c	Renaissance Art	3.0
ART B30d	Modern Art	3.0

ASSOCIATE IN ARTS DEGREE PROGRAMS

Students must comply with the requirements as shown in the catalog under Graduation Requirements. Counselors/advisors will assist the student in planning for an Associate Degree.

Art**Required Courses: 18 units**

Course Number	Title	Units
ART B2ab or ART B2ef	Basic Drawing Figure Drawing	3.0
ART B3ab or ART B3ef	Basic Design Fundamentals of Color 1	3.0
ART B1 or ART B30a or ART B30b or ART B30c or ART B30d	Art Appreciation Ancient Mediterranean Art Medieval Art Renaissance Art Modern Art	3.0

Electives: at least 9 units

ART B2, B3, B4 and B5 Painting and Drawing Series
 ART B7 Ceramic Series
 ART B8 Jewelry Series
 ART B9 Glass Design Series
 ART B11, B12 Sculpture Series
 ART B13cd Beginning Printmaking: Intaglio and Monoprint
 ART B17, B18 Photography Series
 ART B20 to B25, B50 Computer Graphic Art Series
 ART B30, B33 Art History Series

Computer Graphic Art**Required Courses: 18 units**

Course Number	Title	Units
ART B20	Introduction to Computer Graphics	3.0
ART B21	Graphic Design	3.0
ART B22	Computer Illustration	3.0
ART B23	Advertising Design	3.0
ART B25	Typography	3.0

Electives: at least 3 units

Course Number	Title	Units
ART B2ab	Basic Drawing	3.0
ART B2ef	Figure Drawing	3.0
ART B3ab	Basic Design	3.0
ART B1 or ART B30a or ART B30b or ART B30c or ART B30d	Art Appreciation Ancient Mediterranean Art Medieval Art Renaissance Art Modern Art	3.0
ART B17ab	Elementary Photography	3.0
ART B24	Digital Imaging	3.0
ART B50	3D Modeling and Illustration	3.0

COURSE DESCRIPTIONS

The following abbreviations are commonly used in the course descriptions: **lect** lecture; **lab** laboratory; **demo** demonstration; **Repeat** repeatability (see policy on course repetition); **CCS** Course Classification System. Hours given in parentheses are total hours for the course. Hours lecture, lab, etc., are hours required per week usually. **Offered:** F=course is offered fall semester; S=course is offered spring semester; SS=course is offered summer session. If there is no designation, the course is offered irregularly. Check with the department for information. Many classes are offered occasionally during the summer. Check the summer class schedule for additional course listings. Prerequisites are expressed as minimum requirements. See page 40 for a complete explanation. (CSU) indicates transferable to California State Universities; (UC) indicates transferable to University of California.

ART

Credit limitations may apply. For specific information see a counselor.

ART B1 Art Appreciation (3 units)

Exploration of the creative process emphasizing art as a visual form of communication for both majors and non-majors. Useful criteria for evaluation and enjoyment of art through the development of a visual vocabulary and knowledge of art processes, as well as art in a historical context. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. Field trips required. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B2ab Basic Drawing (3 units)

B2a-B2b (1.5-1.5) equivalent to B2ab.

A foundation in seeing through drawing. Emphasizes major theories and techniques in understanding composition and form. Systematic examination of graphic elements, their formal properties, relations and functions in the organization of graphic structures. Development of drawing as a medium of expression. **Prerequisite:** B2b: ART B2a with a grade of "C." **Recommended:** B2a: Reading Level 5 or 6. **Hours:** (2ab-108) 6 lect/studio. Field trips required. **Offered:** F, S, SS. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B2a+B2b = CAN ART 8)

ART B2ef Figure Drawing (3 units)

B2e-B2f (1.5-1.5) equivalent to B2ef.

A beginning course in drawing design to give the student special focus on the human figure as subject. Emphasizes dynamic considerations of drawing as observed in the human form through a study of its structure, anatomy, design, and expression. **Prerequisite:** B2f: ART B2e with a grade of "C." **Recommended:** B2e: Reading Level 5 or 6. **Hours:** (B2ef-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B2gh Advanced Figure Drawing (3 units)

B2g-B2h (1.5-1.5) equivalent to B2gh.

Advanced study in exploration of the expressive character of the human figure. Emphasizes manipulation of the visual elements of drawing to communicate statements of emotion and convey character and mood through the drawing's abstract and structural condition. **Prerequisite:** ART B2ef with a grade of "C." **Hours:** (B2gh-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B2ij Advanced Projects in Drawing (3 units)

B2i-B2j (1.5-1.5) equivalent to B2ij.

A continued study of drawing involving use of wet as well as dry media and color as well as black and white. The philosophical implications of drawing; purely aesthetic concerns will be emphasized and deeper analysis of composition and style in that context will be the main objective of the course. **Prerequisites:** B2i: ART B2gh with a grade of "C." B2j: ART B2i with a grade of "C." **Hours:** (B2ij-108) 6 lect/studio. **Offered:** F, S, SS. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B3ab Basic Design (3 units)

B3a-B3b (1.5-1.5) equivalent to B3ab.

A course in the basic principles of design. Problems of the visual field: dark and light, color, texture, balance and size relationships. Emphasis is on two-dimensional work. **Prerequisites:** B3b: ART B3a with a grade of "C." **Recommended:** B3a: Reading Level 5 or 6. **Hours:** (B3ab-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B3a+B3b = CAN ART 14)

ART B3ef Fundamentals of Color 1 (3 units)

B3e-B3f (1.5-1.5) equivalent to B3ef.

A course in the fundamentals of color for artists and designers. The Munsell theory and other color systems will be studied with application for the best methods of mixing and relating colors. **Prerequisite:** B3f: ART B3e with a grade of "C." **Recommended:** B3e: Reading Level 5 or 6. **Hours:** (B3ef-108) 6 lect/studio. **Offered:** S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B3gh Fundamentals of Color 2 (3 units)

B3g-B3h (1.5-1.5) equivalent to B3gh.

Fundamental color mechanics and aesthetics as they relate to design and graphic applications. **Prerequisites:** B3g: ART B3ef with a grade of "C." B3h: ART B3g with a grade of "C." **Hours:** (B3gh-108) 2 lect, 4 studio. **Offered:** S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B4ab Basic Painting - Acrylic Media (3 units)

B4a-B4b (1.5-1.5) equivalent to B4ab.

Basic principles of acrylic color mixing and color harmony including basic composition, particularly those aspects with

grouping color movements on both the picture plane and the illusionary space. **Prerequisite:** B4b: ART B4a with a grade of "C." **Recommended:** B4a: Reading Level 5 or 6. **Hours:** (B4ab-108) 2 lect, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B4a+B4b = CAN ART 10)

ART B4cd Advanced Painting - Acrylic Media (3 units)

B4c-B4d (1.5-1.5) equivalent to B4cd.

An extension of ART B4ab. Emphasizes shifts from technical information to problems of composition and design. **Prerequisites:** B4c: ART B4ab with a grade of "C." B4d: ART B4c with a grade of "C." **Hours:** (B4cd-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B4ef Water Color Painting (3 units)

B4e-B4f (1.5-1.5) equivalent to B4ef.

ART B4e is a systematic study of watercolor techniques and materials; B4f is a study of the aesthetic application of those techniques in composition. **Prerequisite:** B4f: ART B4e with a grade of "C." **Recommended:** B4e: Reading Level 5 or 6. **Hours:** (B4ef-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B5ab Basic Oil Painting (3 units)

B5a-B5b (1.5-1.5) equivalent to B5ab.

Introduces the student to basic principles of oil color mixing and color harmony. Basic composition also will be taught, particularly those aspects that deal with grouping color movements on both the picture plane and the illusionary space. **Prerequisite:** B5b: ART B5a with a grade of "C." **Recommended:** B5a: Reading Level 5 or 6. **Hours:** (B5ab-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B5cd Basic Oil Painting (3 units)

B5c-B5d (1.5-1.5) equivalent to B5cd.

Various painting supports, grounds, paints, oils, dryers, and varnishes. Emphasizes compositional elements and their effects on visual dynamics regardless of subject matter.

Prerequisites: B5c: ART B5ab with a grade of "C." B5d: ART B5c with a grade of "C." **Hours:** (B5cd-108) 2 lect, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B5ef Intermediate Oil Painting (3 units)

B5e-B5f (1.5-1.5) equivalent to B5ef.

Study of illusions in space and movement as used for expressive impact. Varied subject matter and painting styles will be emphasized including experimentation within a structured program and concepts developed in ART B5ab and B5cd.

Prerequisites: B5e: ART B5cd with a grade of "C." B5f: ART B5e with a grade of "C." **Hours:** (B5ef-108) 2 lect, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B5gh Advanced Oil Painting (3 units)

B5g-B5h (1.5-1.5) equivalent to B5gh.

Under the guidance of the instructor, the student will develop personal art assignments that will move the student toward individual objectives in painting. Creativity will be especially encouraged, but basic concepts will not be ignored. **Prerequisites:** B5g: ART B5ef with a grade of "C." B5h: ART B5g with a grade of "C." **Hours:** (B5gh-108) 6 lect/studio.

Offered: F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B7ab Ceramics - Basic (3 units)

B7a-B7b (1.5-1.5) equivalent to B7ab.

Basic ceramic materials and techniques. Preparation, handbuilding, wheel throwing, design techniques and glaze application are explored. **Prerequisite:** B7b: ART B7a with a grade of "C." **Recommended:** B7a: Reading Level 5 or 6. **Hours:** (B7ab-108) 2 lect, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B7cd Ceramics - Intermediate (3 units)

B7c-B7d (1.5-1.5) equivalent to B7cd.

Exploration of glaze calculation and kiln firing including advanced work in basic techniques of methods, concepts, and materials related to clay. **Prerequisites:** B7c: ART B7ab with a grade of "C." B7d: ART B7c with a grade of "C." **Hours:** (B7cd-108) 2 lect, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B7ef Ceramics - Advanced (3 units)

B7e-B7f (1.5-1.5) equivalent to B7ef.

Designed to offer the student an opportunity to further develop basic ceramic skills. Advanced work in glaze calculations, kiln firing and clay constructions. **Prerequisite:** B7e: ART B7cd with a grade of "C." B7f: ART B7e with a grade of "C." **Hours:** (B7ef-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B7gh Ceramics - Advanced (3 units)

B7g-B7h (1.5-1.5) equivalent to B7gh.

Special projects in advanced ceramic techniques. Individual research problems in kiln building, wheel building, tool construction and production techniques. **Prerequisites:** B7g: ART B7ef with a grade of "C." B7h: ART B7g with a grade of "C." **Hours:** (B7gh-108) 2 lect, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B8ab Jewelry (3 units)

B8a-B8b (1.5-1.5) equivalent to B8ab.

Fundamental techniques and processes are studied in the designing, forming and finishing of jewelry and other articles in the soft metals, such as brass, copper, gold, and sterling silver. **Prerequisite:** B8b: ART B8a with a grade of "C."

Recommended: B8a: Reading Level 5 or 6. **Hours:** (B8ab-

108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B8cd Advanced Jewelry (3 units)

B8c-B8d (1.5-1.5) equivalent to B8cd.

A continuation of beginning jewelry with an explanation of the "lost wax process," experimental casting and stone setting. **Prerequisites:** B8c: ART B8ab with a grade of "C." B8d: ART B8c with a grade of "C." **Hours:** (B8cd-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B8ef Advanced Jewelry (3 units)

B8e-B8f (1.5-1.5) equivalent to B8ef.

A continuation of ART B8cd with emphasis on electroforming, electroplating and surface embellishment. Individual projects are encouraged for all students stressing imaginative and creative interests. **Prerequisites:** B8e: ART B8cd with a grade of "C." B8f: ART B8e with a grade of "C." **Hours:** (B8ef-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B8gh Advanced Jewelry (3 units)

B8g-B8h (1.5-1.5) equivalent to B8gh.

A continuation of ART B8ef with emphasis on independent study, special problems and marketing procedures. **Prerequisites:** B8g: ART B8ef with a grade of "C." B8h: ART B8g with a grade of "C." **Hours:** (B8gh-108) 6 lect/studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B9ab Glass Design - Glass Blowing (3 units)

B9a-B9b (1.5-1.5) equivalent to B9ab.

Basic techniques of handblown glass including glass as an expressive medium in a leaded glass panel. **Prerequisite:** B9b: ART B9a with a grade of "C." **Recommended:** B9a: Reading Level 5 or 6. **Hours:** (B9ab-108) 2 lect/demo, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B9cd Advanced Glass Design (3 units)

B9c-9d (1.5-1.5) equivalent to B9cd.

Advanced techniques of off-hand glass blowing. Extended exploration of the medium of art glass including more advanced blowing techniques, exploration of color, decoration and studio construction. **Prerequisites:** B9c: ART B9ab with a grade of "C." B9d: ART B9c with a grade of "C." **Hours:** (B9cd-108) 2 lect/demo, 4 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B11ab Sculpture (3 units)

B11a-B11b (1.5-1.5) equivalent to B11ab.

An exploration of sculptural concepts and their translation into three-dimensional forms. Problems involving various technical means and the functions of materials and techniques in the creative process. **Prerequisite:** B11b: ART B11a with a

grade of "C." **Recommended:** B11a: Reading Level 5 or 6. **Hours:** (B11ab-108) 6 lect/studio. **Offered:** F. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B11a+B11b = CAN ART 12)

ART B11cd Advanced Sculpture (3 units)

B11c-B11d (1.5-1.5) equivalent to B11cd.

Advanced study in the exploration of sculptural concepts. Emphasizes expressive meaning of form and potential of materials. **Prerequisites:** B11c: ART B11ab with a grade of "C." B11d: ART B11c with a grade of "C." **Hours:** (B11cd-108) 6 lect/studio. **Offered:** F. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B12ab Figure Sculpture (3 units)

B12a-B12b (1.5-1.5) equivalent to B12ab.

Emphasis on perceiving and establishing the human form in sculptural materials. **Prerequisite:** B12b: ART B12a with a grade of "C." **Recommended:** B12a: Reading Level 5 or 6. **Hours:** (B12ab-108) 6 lect/studio. **Offered:** S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B12cd Advanced Figure Sculpture (3 units)

B12c-B12d (1.5-1.5) equivalent to B12cd.

Emphasis on perceiving and establishing the human form in sculptural materials. **Prerequisite:** B12c: ART B12ab with a grade of "C." B12d: ART B12c with a grade of "C." **Hours:** (B12cd-108) 6 lect/studio. **Offered:** S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B13cd Beginning Printmaking: Intaglio and Monoprint (3 units)

B13c-B13d (1.5-1.5) equivalent to B13cd.

Expressive potential of the fine art print through the knowledge gained in intaglio and monotype printing techniques. **Prerequisite:** B13d: ART B13c with a grade of "C." **Recommended:** B13c: Reading Level 5 or 6. **Hours:** (B13cd-108) 2 lect, 4 studio. **CCS:** Occupational Education. **Transferable:** UC, CSU and private colleges.

ART B17ab Elementary Photography (3 units)

B17a-B17b (1.5-1.5) equivalent to B17ab.

Study of the basic principles of cameras, optics, light, film and development, exposure and exposure meters and enlarging. Emphasis is on photographic quality, exploration of the photographer's environment, and personal expression. A suitable adjustable camera is recommended. **Prerequisite:** B17b: ART B17a with a grade of "C." **Recommended:** B17a: Reading Level 5 or 6. **Hours:** (B17ab-108) 6 lect/studio. Field trips required. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B17a+B17b = CAN ART 18)

ART B17cd Intermediate Photography (3 units)

B17c-B17d (1.5-1.5) equivalent to B17cd.

The student will complete assignments that will emphasize the refinement of technique and personal expression. A suitable adjustable camera is required. **Prerequisite:** B17c: ART B17ab with a grade of "C" or equivalent. **Recommended:** B17d: ART B17c with a grade of "C." **Hours:** (B17cd-108) 6 lect/studio. Field trips required. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges.

ART B17gh Advanced Photography (3 units)

B17g-B17h (1.5-1.5) equivalent to B17gh.

Study of photography in an area of specialized interest. Advanced work is done in camera technique, dark, room practices and studio. Emphasis is on area of personal interest. Technically proficient work of a creative and original nature is expected. **Prerequisites:** B17g: ART B17cd or B17ef with a grade of "C." B17h: ART B17g with a grade of "C." **Hours:** (B17gh-108) 6 lect/studio. Field trips required. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B18ab Individual Projects in Photography (2 units)

B18a-B18b (1-1) equivalent to B18ab.

Special instruction in preparation for professional experience. Strengthening of graphic visualization and technical competence through challenging individual assignments. The content is not structured in the manner of beginning and advanced photography courses. **Prerequisite:** Evaluation by instructor. **Recommended:** Reading Level 5 or 6. **Hours:** (B18ab-72) 1 lect, 3 studio. **Offered:** F, S. **CCS:** Liberal Arts & Sciences. **Transferable:** CSU and private colleges.

ART B20 Introduction to Computer Graphics (3 units)

The principles and techniques of graphic design and illustration using computer technology. A working knowledge of basic computer graphic operations as the vehicle for creating effective 2-dimensional graphic communications. **Recommended:** Reading Level 5 or 6. **Hours:** (108) 3 lect, 3 lab. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ART B21 Graphic Design (3 units)

A study of the tools, concepts and techniques which are incorporated into the development of printed communications. The designing of graphics with production methods in mind. Macintosh Systems computers will be used. **Recommended:** ART B20 and Reading Level 5 or 6. **Hours:** (108) 6 lect/studio. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ART B22 Computer Illustration (3 units)

Principles and techniques of creating original illustrations for print. Computer drawing and painting techniques used to create illustrations in various styles such as editorial, technical, scientific, informational, personal, etc. Emphasis placed

on graphic problem solving and the importance of concept, from roughs to finished illustration. Typography will be considered as an integral element to most illustration.

Prerequisite: ART B20 or equivalent. **Hours:** (108) 3 lect, 3 lab. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ART B23 Advertising Design (3 units)

A study of advertising design from concept through execution. Designing visual images for effective communication. Emphasis is on design for various media: print, outdoor, P.O.P., multimedia. Macintosh Systems computers will be used. **Recommended:** ART B20 and Reading Level 5 or 6. **Hours:** (108) 6 lab. **CCS:** Occupational Education. **Transferable:** CSU and private colleges. Note: Elective credit only.

ART B24 Digital Imaging (3 units)

Concepts and techniques of digital image processing. Image creation, scanning, editing, compositing, re-touching, and problem solving using bit-mapped, raster based software. Emphasis on projects using a variety of methods to manipulate and process images. Color systems and output options to various media will be considered. Specific design problems will be presented as the vehicle for understanding. Processes such as painting, masking, layering, color correcting, separating, and effects filtering will be introduced. **Prerequisite:** ART B20 or equivalent. **Hours:** (108) 3 lect, 3 lab. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ART B25 Typography (3 units)

The role and application of typography in visual communication. A study in the evolution of letterforms to the digital type styles of today. Emphasis on concept development and design craftsmanship as students explore traditional and computer-assisted techniques. Structure, format, legibility, and expression will be considered. Typographic emphasis will be placed on projects related to various graphic design media. **Prerequisite:** ART B20. **Hours:** (108) 3 lect, 3 lab. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ART B30a Survey of World Art, Prehistory Through Islam (3 units)

Slide lecture survey of the architecture, sculpture and painting of the ancient Mediterranean area from the Paleolithic age through the rise of Islam. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. **Offered:** F alternate years. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B30a + B30b = CAN ART 2) (ART B30a + B30b + B30c + B30d = CAN ART SEQ A)

ART B30b Survey of World Art, Non-Western Cultures and Medieval Europe (3 units)

Slice lecture survey of the architecture, sculpture and painting of Africa, the Americas, China, India, Japan, and Medieval Europe. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3

lect. **Offered:** S alternate years. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B30a + B30b = CAN ART 2) (ART B30a + B30b + B30c + B30d = CAN ART SEQ A)

ART B30c Survey of World Art, 14th Century Through 17th Century (3 units)

Slide lecture survey of the architecture, sculpture and painting of the European Renaissance as well as that of the non-Western world. Included are the cultures of India, China, Japan, the Americas and the Pacific cultures. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. **Offered:** F alternate years. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B30c + B30d = CAN ART 4) (ART B30a + B30b + B30c + B30d = CAN ART SEQ A)

ART B30d Survey of World Art, 18th Century Through 20th Century (3 units)

Slide lecture survey of the architecture, sculpture and painting of the Western and non-Western world. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. **Offered:** S alternate years. **CCS:** Liberal Arts & Sciences. **Transferable:** UC, CSU and private colleges. (ART B30c + B30d = CAN ART 4) (ART B30a + B30b + B30c + B30d = CAN ART SEQ A)

ART B50 3D Modeling and Illustration (3 units)

The development of 3D computer models and environments for 3D illustration, production and animation design. Imagery will be created with 3D modeling, painting, texture mapping, shading, lighting, and rendering techniques. Hierarchical and basic motion techniques in 3D space will be considered.

Course functions as an introductory course into the field of 3D animation for film, video and multimedia. **Prerequisite:** ART B20. **Hours:** (108) 3 lect, 3 lab. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.