

**DIGITAL DESIGN ADVISEMENT FORM**

**LEVEL-ONE CERTIFICATE (24 HOURS)**

**STUDENT INFORMATION**

**1ST SEMESTER (12 HRS)**

**2ND SEMESTER (12 HRS)**

NAME (Last, First Middle) _____	PHONE (Primary) _____	ARTC 1302 Digital Imaging I _____	Choose four courses from the following Specializations: ARTC, ARTV, GRPH, or IMED _____ _____ _____
STUDENT ID # (SSN or College Assigned #) _____	PHONE (Secondary) _____	ARTC 1353 Computer Illustration I _____	
MAILING ADDRESS _____	ADVISOR _____	ARTS 1311 Design I _____	
_____	OFFICE # _____	ARTS 1316 Drawing I _____	
EMAIL _____	PHONE # _____	_____	

ADVISED BY \_\_\_\_\_ DATE \_\_\_\_\_ ADVISED BY \_\_\_\_\_ DATE \_\_\_\_\_ ADVISED BY \_\_\_\_\_ DATE \_\_\_\_\_  
 ADVISED BY \_\_\_\_\_ DATE \_\_\_\_\_ ADVISED BY \_\_\_\_\_ DATE \_\_\_\_\_ ADVISED BY \_\_\_\_\_ DATE \_\_\_\_\_

All courses are 3 CREDIT HOURS unless otherwise indicated.  1ST Semester Freshman  2ND Semester Freshman  Summer Semester Freshman  3RD Semester Sophomore  4TH Semester Sophomore

**ASSOCIATE OF APPLIED SCIENCE DEGREE–AAS (69 HOURS)**

GENERAL STUDIES COURSES (12 HRS)	FINE ARTS COURSES (21 HRS)	COMMON DIGITAL DESIGN COURSES (9 HRS)	ELECTIVES IN RELATED SUBJECTS (6 HRS)
<input type="checkbox"/> SDEV 0170 Orientation to College (1 HR) _____ <input type="checkbox"/> ENGL 1301 Freshman Composition I _____ <input type="checkbox"/> ENGL 1302 Freshman Composition II _____ <input type="checkbox"/> Social or Behavioral Science Elective _____ <input type="checkbox"/> Math or Natural Science Elective _____	<input type="checkbox"/> ARTS 1311 Design I _____ <input type="checkbox"/> ARTS 1316 Drawing I _____ <input type="checkbox"/> ARTS 1303 Art History Survey I _____ <input type="checkbox"/> ARTS 2311 Design III _____ <input type="checkbox"/> ARTS 1317 Drawing II _____ <input type="checkbox"/> ARTS 1304 Art History Survey II _____ <input type="checkbox"/> ARTS 2356 Fine Arts Photography _____	<input type="checkbox"/> ARTC 1302 Digital Imaging I _____ <input type="checkbox"/> ARTC 1353 Computer Illustration I _____ <input type="checkbox"/> ARTC 2311 Hist of Comm Graphics _____	Choose two courses from the following Specializations: ARTC, ARTV, GRPH, or IMED <input type="checkbox"/> _____ <input type="checkbox"/> _____

**SPECIALIZATIONS (21 HRS EACH)**

ANIMATION DESIGN #1696	GRAPHIC DESIGN #1695	ILLUSTRATION DESIGN #1996	WEB DESIGN #1694
<input type="checkbox"/> ARTV 1341 3D Animation I _____ <input type="checkbox"/> ARTV 2301 2D Animation I _____ <input type="checkbox"/> ARTV 2330 2D Animation II _____ <input type="checkbox"/> ARTV 2345 3D Modeling & Rendering II _____ <input type="checkbox"/> ARTV 2351 3D Animation II _____ <input type="checkbox"/> ARTC 2347 Design Communications II _____ <input type="checkbox"/> IMED 2311 Portfolio _____	<input type="checkbox"/> ARTC 1327 Typography _____ <input type="checkbox"/> GRPH 2309 Digital Prepress _____ <input type="checkbox"/> ARTC 1317 Design Communications I _____ <input type="checkbox"/> ARTC 1349 Art Direction _____ <input type="checkbox"/> ARTC 2317 Typographic Design _____ <input type="checkbox"/> ARTC 2347 Design Communications II _____ <input type="checkbox"/> IMED 2311 Portfolio _____	<input type="checkbox"/> ARTC 1321 Illustration Techniques I _____ <input type="checkbox"/> ARTC 2305 Digital Imaging II _____ <input type="checkbox"/> ARTC 2301 Illustration Techniques II _____ <input type="checkbox"/> ARTC 2340 Computer Illustration II _____ <input type="checkbox"/> ARTS Elective: Drawing, Painting, or Printmaking _____ <input type="checkbox"/> ARTC 2347 Design Communications II _____ <input type="checkbox"/> IMED 2311 Portfolio _____	<input type="checkbox"/> ARTC 1327 Typography _____ <input type="checkbox"/> IMED 1316 Web Page Design I _____ <input type="checkbox"/> IMED 1341 Interface Design _____ <input type="checkbox"/> IMED 1345 Interactive Multimedia I _____ <input type="checkbox"/> IMED 2315 Web Page Design II _____ <input type="checkbox"/> ARTC 2347 Design Communications II _____ <input type="checkbox"/> IMED 2311 Portfolio _____

## DIGITAL DESIGN COURSE DESCRIPTIONS

### VISUAL ARTS AND TECHNOLOGY DEPARTMENT • SAN ANTONIO COLLEGE

The following Digital Design course descriptions are abbreviated. Most courses, beyond Freshman level, require prerequisites. Courses in your major require a minimum grade of “C” for graduation and transferability. Please refer to the San Antonio College Bulletin and your departmental advisor for complete program information.

#### **ARTC 1302 Digital Imaging I (Photoshop)**

Digital imaging using raster image editing and/or image creation software: scanning, resolution, file formats, output devices, color systems, and image-acquisitions.

#### **ARTC 1317 Design Communication I**

Study of design development relating to graphic design terminology, tools and media, and layout and design concepts. Topics include integration of type, images and other design elements, and developing computer skills in industry standard computer programs.

#### **ARTC 1321 Illustration Techniques I**

A study of illustration techniques in various media. Emphasis on creative interpretation and disciplined draftsmanship for visual communication of ideas.

#### **ARTC 1327 Typography (InDesign)**

A study of letterforms and typographic concepts as elements of graphic communication. Emphasis on developing a current, practical typographic knowledge based on industry standards.

#### **ARTC 1349 Art Direction I**

Creation of projects in art direction for advertising graphic campaigns encompassing products, services, or ideas. Topics include all campaign procedures from initial research and creative strategy to final execution of a comprehensive project.

#### **ARTC 1353 Computer Illustration I (Illustrator)**

Mastery of the tools and transformation options of an industry-standard vector drawing program to create complex illustrations. Includes principles of layout and design and manipulation of text and graphics.

#### **ARTC 2301 Illustration Techniques II**

Continued study of illustration media and techniques using digital and/or traditional tools. Emphasis on conceptualization and composition.

#### **ARTC 2305 Digital Imaging II**

Principles of digital image processing and electronic painting. Emphasis on bitmapped- or raster-based image marking and the creative aspects of electronic illustration for commercial and fine art applications.

#### **ARTC 2311 History of Communication Graphics**

Survey of the evolution of graphic arts in relation to the history of art. Includes formal, stylistic, social, political, economic, and historical aspects. Emphasis on art movements, schools of thought, individuals, and technology as they interrelate with graphic arts.

#### **ARTC 2317 Typographic Design**

Exploration of problems in typographic design including computer generated letterforms as elements of design. Includes theory and techniques of traditional, contemporary, and experimental typography.

#### **ARTC 2340 Computer Illustration II**

Advanced use of software capabilities with emphasis on various output procedures, the resolution of complex design issues, and concept development.

#### **ARTC 2347 Design Communication II**

An advanced study of design, development, and art direction. Emphasis on form and content through the selection, creation, and integration of typographic, photographic, illustrative, and design elements.

#### **ARTV 1341 3-D Animation I (Lightwave)**

Three-dimensional (3-D) modeling and rendering techniques including lighting, staging, camera, and special effects. Emphasizes 3-D modeling building blocks using primitives to create simple and complex objects.

#### **ARTV 2301 2-D Animation I (Flash)**

Skill development in the use of software to develop storyboards and two-dimensional animation including creating, importing, and sequencing media elements to create multimedia presentation. Emphasis on conceptualization, creativity, and visual aesthetics.

#### **ARTV 2330 2-D Animation II (After Effects)**

Technical aspects of traditional animation. Emphasizes aesthetic design and completion of an advanced animation project. Includes application of advanced skills and knowledge.

#### **ARTV 2345 3-D Modeling and Rendering II**

A studio course focused on advanced 3-D modeling and rendering techniques using industry standard software: spline modeling, patch modeling, and other organic modeling techniques; learn advanced use of camera settings, lighting, and surfacing to create detailed environments; cover advanced topics such as particle and volumetric effects, and setting up a model with weight maps, hierarchies, bones, and constraints.

#### **ARTV 2351 3-D Animation II**

Skill development in three-dimensional modeling and rendering techniques using lighting, staging, and special effects for digital output. Emphasis on the production of three-dimensional (3-D) animation as final digital outputting using modeling, rendering and animation software.

#### **GRPH 2309 Digital Pre-press**

Theory and techniques for pre-press preparation using industry standard software for final file output. Topics include the procedures and problems involved in computer file preparation ranging from trapping, color separations, and resolutions to printing basics and service bureaus.

#### **IMED 1316 Web Page Design I (Dreamweaver)**

Instruction in web page design and related graphic design issues including mark-up languages, web sites, and browsers.

#### **IMED 1341 Interface Design**

Skill development in the interface design process including selecting interfaces that are meaningful to users and relative to a project's content and delivery system. Emphasis on aesthetic issues such as iconography, screen composition, colors, and typography.

#### **IMED 1345 Interactive Multimedia I**

Exploration of the use of graphics and sound to create interactive multimedia animations using industry standard authoring software.

#### **IMED 1380 Cooperative Education**

Career-related activities encountered in the student's area of specialization offered through an individualized agreement among the college, employer, and student. Under the supervision of the college and the employer, the student combines classroom learning with work experience. Includes a lecture component.

#### **IMED 2315 Web Page Design II**

A study of mark-up language advanced layout techniques for creating web pages. Emphasis on identifying the target audience and producing web sites according to accessibility standards, cultural appearance, and legal issues.

#### **IMED 2311 Portfolio Development**

Emphasis on preparation and enhancement of portfolio to meet professional standards, professional organizations, presentation skills, and job-seeking techniques.

### GENERAL ACADEMIC ELECTIVES

#### **SDEV 0170 Orientation**

This class or its equivalent is required for all students entering San Antonio College with less than 15 college credit hours.

#### **Behavioral/Social Science**

ECON 2301, ECON 2302, GOVT 2301, GOVT 2302, GOVT 2304, HIST 1301, HIST 1302 or any college level course in PSYChology or SOCIology.

#### **English**

ENGL 1301 and ENGL 1302

#### **Math/Natural Science**

MATH 1314, MATH 1332, or any Natural Science course.

Math exit competency must be met before degree is granted. The Natural Science elective requires minimal math testing scores of THEA 230+ or Accuplacer Elementary Algebra 76+.

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The Alamo Community College District is an EOE. For any special accommodations issues or an alternate format, contact the San Antonio College DisABILITY Support Services, 210.733.2347.