Computer Graphics – Multimedia Specialist

Commercial and Entertainment Art Department
Certificate L0323

The Multimedia Specialist Certificate provides professional computer graphics training by developing two and three dimensional digital imagery characterized by the fusion of artistic and technical theories, and the mastery of craft skills and techniques in audio and video content. Additionally, students will receive preparation for careers involving aspects of technological development and design. Because of their training and experience, multimedia specialists will have the ability to start up their own business or work with a company specializing in multimedia technology to become animators, systems analysts, layout designers, webmasters, and internet researchers. Other careers involve filmmakers, photographers, multimedia artists, directors, and computer game designers.

Courses typically cover a wide range of topics from creating photorealistic 3D models and environments, storyboarding, object animation, creating and editing audio loops, videos, and preparing multimedia presentations; and other software and hardware processes involved in producing digital multimedia content. Students pursuing a Baccalaureate Degree should be guided in their selection of lower-division courses by an advisor of the institution they expect to apply to.

Requirements for the Certificate
Required courses:

This achievement certificate presents students and professional practitioners with a series of courses offering 2D, 3D and multimedia content preparation skills and mastery.

GRAP 8	Fundamentals of Digital Media	3.0
GRAP 10	Photoshop Imagery	3.0
GRAP 12	Photoshop Imagery – Extended	3.0
GRAP 18	3D Graphics Imagery	3.0
GRAP 20	Multimedia Graphics	3.0
GRAP 30	Digital Productions	3.0
GRAP 40	Special Topics in Computer Graphics	2.0
	Total Units	**20.0**

Computer Graphics – Print Specialist

Commercial and Entertainment Art Department
Certificate L0322

The Print Specialist Certificate provides professional computer graphics training developing two-dimensional digital imagery characterized by the fusion of artistic and technical theories, and the mastery of craft skills and techniques. Additionally, students will receive preparation for careers in what has traditionally been referred to as the printing business which encompasses many segments: general commercial printing pre-press; quick printing or personal e-publishing activities; digital imaging; magazine, newspaper and book printing; financial and legal printing; screen printing; thermography; business forms printing; label and tag printing; packaging; greeting cards; and trade and finishing services. Courses typically cover a wide range of topics from practical color management, workflow, image editing, electronic publishing and other software and hardware processes involved in producing two-dimensional digital imagery. Students pursuing a Baccalaureate Degree should be guided in their selection of lower-division courses by an advisor of the institution they expect to apply to.

Requirements for the Certificate
Required courses:

This achievement certificate presents students and professional practitioners with a series of courses offering commercial graphics, digital and electronic printing and publishing skills and mastery.

GRAP 8	Fundamentals of Digital Media	3.0
GRAP 9	Digital Color Management	3.0
GRAP 10	Photoshop Imagery	3.0
GRAP 15	InDesign Graphics	3.0
GRAP 16	Illustrator Graphics	3.0
GRAP 30	Digital Productions	3.0
GRAP 40	Special Topics in Computer Graphics	2.0
	Total Units	**20.0**

Consumer Relations

Consumer Science and Design Technologies Department
Certificate B0326

This program provides semi-professional training for those who seek immediate Consumer Relations employment in non-profit agencies, government, education, or business such as utilities, telecommunications, and finance. Positions include, but are not limited to: consumer affairs representatives, client related government jobs, and community advocates.

Requirements for the Certificate
Required courses:

FCS 41	Life Management	3.0
FCS 80	Personal financial Planning	3.0
	or	
BUSA 71	Personal Financial Planning	3.0
FCS 51	Consumer Skills, Issues and Strategies	3.0
BUSO 25	Business Communications	3.0
BUSO 26	Oral Communication for Business	3.0
	Total Units	**15.0**

Graphic Design

Commercial and Entertainment Art Department
Certificate T0321

This program is designed to prepare students for careers in the Graphic Design field of Communication Art. Students will be given a balanced blend of creative, design, and technology skills necessary to develop successful graphic design for print, web, and other media channels. The production software will reflect industry standards and course content will be driven by industry needs.

Requirements for the Certificate
Required courses:

ARTC 100	Graphic Design I	3.0
ARTC 120	Graphic Design II	3.0
ARTC 140	Graphic Design III	3.0
ARTC 160	Typography	3.0
ARTC 200	Web Design	3.0
ARTC 220	Graphic Design IV	3.0
ARTC 240	Multimedia Design	3.0
ARTC 280	Commercial Art Studio - Special Projects	4.0
ARTC 290	Portfolio	3.0
ARTD 20	Design: Two Dimensional	3.0
PHOT 4	Digital Cameras and Composition	1.0

Plus
Select (1) course from:

ANIM 104	Drawing Fundamentals	3.0
ANIM 130	Introduction to 3-D Computer Animation	3.0
ANIM 172	Motion Graphics, Compositing and Visual Effects	3.0
ARTC 165	Illustration	3.0
ARTD 21	Design: Color and Composition	3.0
	Total Units	**35.0**

Catalog Addendum — New and Approved Programs: Degrees

Associate in Arts in Communication Studies for Transfer

Degree A0325

Communication Studies is a broad-based discipline with foundational coursework in oral communication theory and skills development, augmented with course options that add dimension and depth to the student's understanding of the discipline – such as interpersonal, group, organizational, and intercultural communication, argumentation, journalism, forensics, and communication research methods.

The degree program requires students to critically analyze information and arguments, select and research an appropriate topic and thesis, and logically organize the supporting material into a well-crafted presentation. Students will employ appropriate verbal and nonverbal delivery skills and visual aids to present a message to an audience in a conversational and confident manner; and formulate communication solutions to problems in a range of contexts. Students will create messages appropriate for diverse audiences and listeners and develop an improved understanding of themselves as communicators.

To earn an Associate in Arts in Communication Studies for Transfer a student must complete 60 semester units that are eligible for transfer to the CSU that consist of: IGETC pattern or CSU GE breadth and a major of at least 18 units. Students must have a minimum GPA of 2.0 in all CSU-transferable coursework to receive an associate degree for transfer and all courses in the major must be completed with a C or better. Students earning an associate degree for transfer will not be required to complete any other local graduation requirements.

Requirements for Degree

Core Courses: 4 units

SPCH 1A	Public Speaking	4.0
	or	
SPCH 1AH	Pubic Speaking – Honors	4.0

List A: 6 units from any 2 courses from the following

SPCH 20	Argumentation and Debate	3.0
	or	
SPCH 20H	Argumentation and Debate – Honors	3.0

SPCH 26	Interpersonal Communication	3.0
	or	
SPCH 26H	Interpersonal Communication – Honors	3.0
SPCH 6	Group Communication	3.0

List B: 6 - 7 units from any 2 courses from the following or courses not used in List A

SPCH 7	Intercultural Communication	3.0
	or	
SPCH 7H	Intercultural Communication – Honors	3.0
SPCH 2	Fundamentals of Communication	4.0
SPCH 4	Performance of Literature	3.0

Limit of 3 units from:

SPCH 15	Forensics: Fundamentals of Contest Speech and Debate	2.0
	or	
SPCH 16	Forensics: Individual Event Team	3.0
	or	
SPCH 17	Forensics: Debate Team	3.0
	or	
SPCH 18	Forensics: Readers Theater Team	3.0
JOUR 100	Mass Media and Society	3.0

List C: 3 - 4 units. At least 1 course from the following or any course 1 course not used in List A or List B

SPCH 8	Professional and Organizational Speaking	4.0
	or	
SPCH 8H	Professional and Organizational Speaking – Honors	4.0
SPCH 30	Gateway to Communication Studies	3.0
SPCH 3	Voice and Diction	3.0
JOUR 101	Beginning News Writing	3.0
ENGL 1C	Critical Thinking and Writing	4.0
	or	
ENGL 1CH	Critical Thinking - Honors	4.0
	Required Subtotal at least 18.0	
	CSU General Education or IGETC Pattern 33.0 - 40.0	
	Transferable Electives 0.0 - 9.0	
	Degree Total 60.0	

Associate in Arts in Psychology for Transfer

Degree A0324

The Associate in Arts in Psychology for Transfer introduces students to the psychological principles and methodologies used in the scientific study of mental processes and behaviors. Students will acquire the foundational knowledge necessary to pursue post-secondary degrees in psychology and a variety of specializations in the field. The goals of this degree are to prepare students to identify research and statistical methods appropriate to psychology, to compare and contrast the major theoretical perspectives in psychology, and synthesize the relationships between biological and behavioral functions.

To earn an associate degree for transfer a student must complete 60 semester units that are eligible for transfer to the CSU that consist of: IGETC pattern or CSU GE breadth and a major of at least 18 units. Students must have a minimum GPA of 2.0 in all CSU-transferable coursework to receive an associate degree for transfer and all courses in the major must be completed with a C or better. Students earning an associate degree for transfer will not be required to complete any other local graduation requirements.

Requirements for Degree

Core Courses: 10-11 units

PSYC 1A	Introduction to Psychology	3.0
	or	
PSYC 1AH	Introduction to Psychology – Honors	3.0
PSYC 10	Statistics for the Behavioral Sciences	4.0
	or	
MATH 110	Elementary Statistics	3.0
	or	
MATH 110H	Elementary Statistics	3.0
PSYC 3	Introduction to Research Methods	4.0

List A (select one): 3 – 4 units

BIOL 1	General Biology	4.0
	or	
PSYC 1B	Biological Psychology	3.0

List B (select one): 3 or more units

Any List A course not used above

	or	
PSYC 14	Developmental Psychology	3.0
	or	
BIOL 13	Human Reproduction, Development and Aging	3.0
	or	

CHLD 10	Child Growth and Development	3.0
	or	
CHLD 10H	Child Growth and Development – Honors	3.0
	or	
ENGL 1C	Critical Thinking and Writing	4.0
	or	
ENGL 1CH	Critical Thinking and Writing – Honors	4.0
	or	
PHIL 3	Logic and Practice	3.0
	or	
PHIL 3H	Logic and Practice – Honors	3.0
	or	
PHIL 8	Critical Thinking	3.0
	or	
PHIL 9	Critical Thinking and Logical Writing	3.0
	or	
SOC 1	Sociology	3.0
	or	
SOC 1H	Sociology – Honors	3.0
	or	
SOC 15	Child Development	3.0

List C (select one): 3 or more units

Any course not used above

	or	
PSYC 5	Psychology of Reasoning and Problem Solving	3.0
	or	
PSYC 14	Developmental Psychology	3.0
	or	
PSYC 15	Introduction to Child Psychology	3.0
	or	
PSYC 19	Abnormal Psychology	3.0
	or	
PSYC 25	The Psychology of Women	3.0
	or	
PSYC 26	Psychology of Sexuality	3.0
	or	
PSYC 33	Psychology of Effective Living	3.0
	Required Subtotal at least 19.0	
	CSU General Education or IGETC Pattern 33.0 - 40.0	
	Transferable Electives 0.0 - 8.0	
	Degree Total 60.0	

Associate in Science in Computer Graphics Digital Technology

Commercial and Entertainment Arts

Major S0319

Computer Graphics is a core discipline characterized by the fusion of artistic and technical theories, and the mastery of craft skills and techniques. Courses typically cover a wide range of topics from planning, composition and communication, to practical color management, workflow, editing, and the software and hardware processes involved in producing and applying digital imagery–the visual language used to communicate ideas. The Computer Graphics Digital Technology degree and three professional certificates are essential education for individuals and professional practitioners who use or are interested in using computers to prepare, edit, and produce imagery, text, sound, animation, video or multimedia presentations; whether for personal use and interest, career preparation, portfolios, updating software skills, university matriculation, or any other expressive form of industry.

Requirements for the Major

Required Courses

Grap 8	Fundamentals of Digital Media	3.0
Grap 9	Digital Color Management	3.0
Grap 10	Photoshop Imagery	3.0
Grap 12	Photoshop Imagery –Extended	3.0
Grap 15	InDesign Graphics	3.0
Grap 16	Illustrator Graphics	3.0
Grap 18	3D Graphics Imagery	3.0
Grap 20	Multimedia Graphics	3.0
Grap 30	Digital Productions	3.0
Grap 40	Special Topics in Computer Graphics	2.0
	Required Subtotal	**29.0**
	Local Mt. San Antonio College General Education Requirements	**24.0**
	Electives as needed to reach 60 units	
	Degree Total	**60.0**