

Esthetician *Certificate of Achievement*

CMUN 1A	Introduction to Public Speaking	3 units
CMUN 10	Small Group Communication	3 units
COS 220	Scientific Skin Care	8 units
COS 221	Advanced Scientific Skin Care	8 units
Total Units for Certificate of Achievement:		22 UNITS

Gavilan College offers a comprehensive skin care program that will meet the State of California Department of Consumer Affairs, Board of Barbering and Cosmetology requirements for licensure. State Licensing requires 600 hours for the practice of Esthetics.

Two courses are offered to meet the requirements for Licensure: Scientific Skin Care and Advance Scientific Skin Care. The curriculum includes, but is not limited to, the study of skin, its appendages, massage, masks and peels, use of skin care machines, product knowledge, light therapy, botanical and chemical therapy, sanitation, salon operation, and Cosmetology State Board regulations. Instruction also includes client services. Scientific Skin Care and Advanced Scientific Skin Care are offered in two consecutive semesters. An additional 6 units in electives is required to receive a Certificate of Achievement of Esthetics.



Program Learning Outcomes: After completing the Certificate of Achievement for Esthetics, students will:

- ▶ Complete the State Board of Barbering and Cosmetology examination for licensure and employment.
- ▶ Diagnose skin condition and perform skin treatments while administering facials.
- ▶ Diagnose, analyze and apply proper skin enhancing products when administering make-up designs.

Gainful Employment Statistics for Certificate

Name of Program: (if different than the CIP program description)	CA in Cosmetology-Esthetician	
Program Length: (in years)	1.00	
# of units/credits required for program:	22	
Total Tuition and Required Fees for the entire program completed in normal time:	CA Resident	Nonresident
	\$ 834	\$ 4,794
Total estimated costs for books and supplies for the entire program:	\$ 1,620	
Total room and board charges for living on campus:	College does not offer on-campus living.	
For more information visit the Gavilan College Gainful Employment website at http://www.gavilan.edu/gainful_employment . Fees based on fall 2011 per-unit rates.		

DIGITAL MEDIA

A.A. Degrees and Certificates of Achievement

- Digital Art and Imaging Option
- Digital Audio/Video Option
- Interactive Media & Authoring Option

Certificates of Proficiency

- Digital Imaging/Graphics Production Specialist
- Digital Print Production Specialist
- Digital Video Editor Specialist
- Web Page Production Specialist

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Digital Media is the use of computer technology in communication: to create, manipulate, and combine different media whether it be text (words, equations), graphics (photography, art and design images, charts and graphs, animation), audio (spoken words, music, sound effects) and video (motion picture/film, animation, visual effects) sometimes with links (connections) that let the user navigate, interact, create, and communicate.

Gavilan College has developed this Digital Media program complete with state of the art technology and studio to provide students with the opportunity to acquire or enhance job skills in this contemporary art, satisfy major requirements for transferring to a college or university, or for personal enrichment in an exciting technology-based field that is changing our lives on a daily basis.

Gavilan students studying Digital Media learn fundamental concepts and complex techniques applicable to digital media; related programs in multimedia, new media, digital film/video, digital art; and almost any other work situation in this technologically equipped world in which we live. A variety of degree and certificate options are provided so that one may pursue their desired specialty within this truly multi-disciplinary field.



Gavilan Student, Kori Westfall

DIGITAL MEDIA CORE COURSES The following core courses are required for the Digital Art and Imaging, Digital Audio/Video and Interactive Media and Authoring Associate's Degree and Certificate of Achievement options. Additional requirements for each option are listed alphabetically on the following pages.

CORE COURSES

ART/CSIS/DM 77	Introduction to Digital Media	3 units
ART 11	Creativity, Imagination, and Innovation	3 units
CSIS/DM 75	PhotoShop I - Adobe PhotoShop	3 units
ART/CSIS/DM 107	Digital Media Design.....	2 units
ART/CSIS/DM 114	Digital Media Team Production	2 units

Choose one:

CSIS/DM/LIB 6	Web Page Authoring I (2 units)
ART/CSIS/DM 85	Web Design I: Dreamweaver (2 units)

..... 2 units
 Total Core: 15 UNITS

Program Learning Outcomes: After completing the A.A. degree or Certificate of Achievement in Digital Media a student will:

- ▶ analyze the relationship of aesthetics, content, user needs and/or interactivity of projects suitable for implementing and using digital media or order to synthesize a design, produce development guidelines incorporating techniques such as storyboards and flow charts and render their design using good design principles and contemporary digital technology.
- ▶ be able to perform and communicate ideas within a team environment and contribute significant work related to their option area of study.

Digital Art and Imaging Option *A.A. Degree or Certificate of Achievement*

To receive an ASSOCIATE'S DEGREE complete:

- ▶ **CORE COURSES** (see page 111).
- ▶ **REQUIRED COURSES** listed below.
- ▶ **GENERAL EDUCATION REQUIREMENTS**, (Gavilan, IGETC or CSU pattern), plus sufficient electives to meet a 60 unit total. See pages 48-56.

To receive a CERTIFICATE OF ACHIEVEMENT complete the:

- ▶ **CORE COURSES** (see page 111).
- ▶ **REQUIRED COURSES** listed below.



Image created in DM 110 by student, Kori Westfall

CORE COURSES (see page 111):15 units

ADDITIONAL REQUIREMENTS:

Choose 9 units from the following list:

ART 2A	Two Dimensional Design (3 units)
DM 60	3D Animation I (3 units)
DM 61	3D Animation II (3 units)
ART/CSIS/DM 74	Advanced Photoshop (3 units)
ART/CSIS/DM 76	Digital Illustration (3 units)
ART/CSIS/DM 80	Digital Photography (3 units)
ART/CSIS/DM 110	Interactive Animation: Flash (3 units)
ART/CSIS/DM 117	Visual Effects/Motion Graphics (3 units)

.....9 units

Elective course in any other DM option area:3 units
Total Units Required: 27 UNITS

General Education Requirements: A student may complete the Gavilan College AA/AS general education, the CSU-GE Breadth or the IGETC pattern, plus sufficient electives to meet a 60 unit total. See pages 48-56 or see a counselor for details.

NOTE: A course may be used to satisfy both general education and major courses. See "Double Counting Rule" on page 46.

This degree or certificate of achievement will enable a graduate to obtain jobs as a digital photographer, animator, or graphic designer/artist for computer games, motion graphics, the web, CD-ROMs, DVDs, and digital print.

Program Learning Outcome: After completing this option a student will demonstrate an ability to use Digital Media technology and concepts to design, produce, and integrate aesthetically pleasing 2D/3D visual and animated material for film, video, web pages, CD/DVDs, video games or digital print.

Gainful Employment Statistics for Certificate

Name of Program: (if different than the CIP program description)	CA in DM-Digital Art Imaging	
Program Length: (in years)	1.00	
# of units/credits required for program:	27	
Total Tuition and Required Fees for the entire program completed in normal time:	CA Resident	Nonresident
	\$ 1,014	\$ 5,874
Total estimated costs for books and supplies for the entire program:	\$ 1,620	
Total room and board charges for living on campus:	College does not offer on-campus living.	
For more information visit the Gavilan College Gainful Employment website at http://www.gavilan.edu/gainful_employment . Fees based on fall 2011 per-unit rates.		

Digital Audio/Video Option

A.A. Degree or Certificate of Achievement

To receive an ASSOCIATE'S DEGREE complete:

- ▶ **CORE COURSES** (see page 111).
- ▶ **REQUIRED COURSES** listed below.
- ▶ **GENERAL EDUCATION REQUIREMENTS**, (Gavilan, IGETC or CSU pattern), plus sufficient electives to meet a 60 unit total. See pages 48-56.

To receive a CERTIFICATE OF ACHIEVEMENT complete the:

- ▶ **CORE COURSES** (see page 111).
- ▶ **REQUIRED COURSES** listed below.



Guest lecture by Dusty Nelson, Director, Cinematographer Filmmaker

CORE COURSES (see page 111).....15 units

ADDITIONAL REQUIREMENTS:

Choose 9 units from the following list:

- | | | |
|------------------|--|--------------|
| ART 2A | Two Dimensional Design (3 units) | |
| DM 60 | 3D Animation I (3 units) | |
| DM 111 | Sound Design for Digital Media (3 units) | |
| ART/CSIS/DM 113 | Introduction to Digital Video (3 units) | |
| ART/CSIS/DM 116 | DVD Authoring (2 units) | |
| ART/CSIS/DM 117 | Visual Effects/Motion Graphics (3 units) | |
| HUM 25A | Film Production (3 units) | |
| MUS 21 | Electronic Music/Sound Design (3 units) | |
| THEA/MCTV 16 | Television History and Practice (3 units) | |
| THEA/MCTV 17A or | | |
| THEA/MCTV 17B | Television and Video Workshop (3 units) | |
| THEA 98 | Special Topics: GavTV Production (1-2 units) | |
| | |9 units |

Elective course in any other DM option area.....3 units
 Total Units Required: 27 UNITS

General Education Requirements: A student may complete the Gavilan College AA/AS general education, the CSU-GE Breadth or the IGETC pattern, plus sufficient electives to meet a 60 unit total. See pages 48-56 or see a counselor for details.

NOTE: A course may be used to satisfy both general education and major courses. See "Double Counting Rule" on page 46.

This degree or certificate of achievement will enable a graduate to obtain jobs as a digital audio/video editor, web streaming media producer, podcast specialist, videographer, or sound designer for games, animation, or film/video.

Program Learning Outcomes: After completing this option a student will be able to:

- ▶ create and produce time-based visual art and sound.
- ▶ analyze project definitions (including scripts or storyboards) in order to (using digital technology) creatively and logically edit video; design sound and motion graphics for broadcast or to be incorporated into web sites, CD/DVDs, video/film, video games, or cell phones.

The certificate will enable a graduate to obtain entry level jobs as a digital audio/video producer/director, video or sound editor, web streaming media designer/producer.

Gainful Employment Statistics for Certificate		
Name of Program: (if different than the CIP program description)	CA in DM-Digital Audio Video	
Program Length: (in years)	1.00	
# of units/credits required for program:	27	
Total Tuition and Required Fees for the entire program completed in normal time:	CA Resident	Nonresident
	\$ 1,014	\$ 5,874
Total estimated costs for books and supplies for the entire program:	\$ 1,620	
Total room and board charges for living on campus:	College does not offer on-campus living.	
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Interactive Media and Authoring Option *A.A. Degree or Certificate of Achievement*

To receive an **ASSOCIATE'S DEGREE** complete:

- ▶ **CORE COURSES** (see page 111).
- ▶ **REQUIRED COURSES** listed below.
- ▶ **GENERAL EDUCATION REQUIREMENTS**, (Gavilan, IGETC or CSU pattern), plus sufficient electives to meet a 60 unit total. See pages 48-56.

To receive a **CERTIFICATE OF ACHIEVEMENT** complete the:

- ▶ **CORE COURSES** (see page 111).
- ▶ **REQUIRED COURSES** listed below.



CORE COURSES (see page 111).....15 units

ADDITIONAL REQUIREMENTS:

Choose 9 units from the following:

DM 60	3D Animation I (3 units)
ART/CSIS/DM 110	Interactive Animation: Flash (3 units)
ART/CSIS/DM 116	DVD Authoring (2 units)
CSIS 24	Java Programming I (4 units)
CSIS 45	C++ Programming I (4 units)
CSIS 84	JavaScript Programming (2 units)
CSIS 151	Introduction to XML Authoring (3 units)

Choose only one of the following two courses:

ART/CSIS/DM 85	Web Design I: Dreamweaver (2 units)
CSIS/DM 7	Web Page Authoring II (2 units)

.....9 units

Elective course in any other DM option area3 units
Total Units Required: 27 UNITS

General Education Requirements: A student may complete the Gavilan College AA/AS general education, the CSU-GE Breadth or the IGETC pattern, plus sufficient electives to meet a 60 unit total. See pages 48-56 or see a counselor for details.

NOTE: A course may be used to satisfy both general education and major courses. See "Double Counting Rule" on page 46.

This degree or certificate of achievement will enable a graduate to obtain jobs as a web designer, web architect, information designer, webmaster; CD-ROM, DVD, or video game designer/developer.

Program Learning Outcomes: After completing this option a student will be able to:

- ▶ analyze requirements and proposals for an interactive project.
- ▶ describe the relationship of content elements and synthesize aesthetic interactive projects such as video games, web sites, CD/DVD, educational multimedia, or interactive TV in line with current theories in human cognition.

The certificate will enable a graduate to obtain entry level jobs as a web designer, web architect, information designer, webmaster; CD-ROM, DVD, or video game designer/developer.

Gainful Employment Statistics for Certificate

Name of Program: (if different than the CIP program description)	CA in DM-Interactiv Media Auth	
Program Length: (in years)	1.00	
# of units/credits required for program:	27	
Total Tuition and Required Fees for the entire program completed in normal time:	CA Resident	Nonresident
	\$ 1,014	\$ 5,874
Total estimated costs for books and supplies for the entire program:	\$ 1,620	
Total room and board charges for living on campus:	College does not offer on-campus living.	
For more information visit the Gavilan College Gainful Employment website at http://www.gavilan.edu/gainful_employment . Fees based on fall 2011 per-unit rates.		

Digital Imaging/Graphics Production Specialist *Certificate of Proficiency*

Does NOT require completion of core courses.

REQUIREMENTS:

ART 2A	Two Dimensional Design	.....	.3 units
CSIS/DM 75	PhotoShop I - Adobe PhotoShop	.....	.3 units
ART/CSIS/DM 76	Digital Illustration	.....	.3 units
ART/CSIS/DM 77	Introduction To Digital Media	.....	.3 units

Choose one:

ART/CSIS/DM 114	Digital Media Production (2 units)	
JOUR 18A	Working on the Newspaper (2 units)	
	.....	.2 units

Choose one:

ART 8A	Beginning Photography from Analog to Digital (3 units)	
ART/CSIS/DM 80	Digital Photography (3 units)	
ART/CSIS/DM 110	Interactive Animation: Flash (3 units)	
CGD 110	Computer Graphics Lab (3 units)	
	.....	.3 units

Total Units Required for Certificate of Proficiency: 17 UNITS



This certificate will enable a graduate to obtain jobs preparing graphics, touching up photos, and working with other artwork for print, video, animation, or web use.

Digital Print Production Specialist *Certificate of Proficiency*

Does NOT require completion of core courses.

REQUIREMENTS:

ART/CSIS/DM 77	Introduction to Digital Media	.....	.3 units
CSIS/DM 73	Desktop Publishing - Adobe InDesign	.....	.3 units
CSIS 126	Word Processing - MS Word	.....	.2 units
CSIS 132	Intermediate Word Processing - MS Word	.....	.2 units

Choose one:

ART/CSIS/DM 114	Digital Media Production (2 units)	
JOUR 18A	Working on the Newspaper (2 units)	
	.....	.2 units

Choose one:

CSIS/DM 75	PhotoShop I - Adobe PhotoShop (3 units)	
ART/CSIS/DM 76	Digital Illustration (3 units)	
	.....	.3 units

Total Units Required for Certificate of Proficiency: 15 UNITS

This certificate will enable a graduate to obtain jobs working with graphic designers preparing content and printing brochures, posters, catalogs, books, and other advertising material.



Stamp Designs - Digital illustration by Polly Gariaeff.

Digital Video Editor Specialist *Certificate of Proficiency*

Does NOT require completion of core courses.

REQUIREMENTS:

ART/CSIS/DM 77	Introduction to Digital Media	.....	.3	units
ART/CSIS/DM 113	Digital Video/Audio	.....	.3	units
THEA 98	Special Topics: GavTV Production	.....	1-2	units

This certificate will enable a graduate to obtain jobs working as a video/film editor's assistant, sound mixer, or visual effects assistant.

Choose one:

ART/CSIS/DM 117	Visual Effects/Motion Graphics	(3 units)	
ART/CSIS/DM 110	Interactive Animation: Flash	(3 units)	
MUS 21	Electronic Music/Sound Design	(3 units)	
THEA/MCTV 16	Television History and Practice	(3 units)	
	.....		.3
			units

Choose one:

THEA/MCTV 17A	Television and Video Workshop	(3 units)	
THEA/MCTV 17B	Television and Video Workshop	(3 units)	
	.....		.3
			units

Total Units Required for Certificate of Proficiency: 13-14 UNITS

Web Page Production Specialist *Certificate of Proficiency*

Does NOT require completion of core courses.

REQUIREMENTS:

CSIS/DM/LIB 6	Web Page Authoring I	.....	.2	units
ART/CSIS/DM 77	Introduction to Digital Media	.....	.3	units
ART/CSIS/DM 110	Interactive Animation: Flash	.....	.3	units
CSIS 126	Word Processing - MS Word	.....	.2	units

This certificate will enable a graduate to obtain jobs maintaining web sites or assisting web designer/developer.

Choose one:

ART/CSIS/DM 114	Digital Media Production	(2 units)	
JOUR 18A	Working on the Newspaper	(2 units)	
	.....		.2
			units

Choose one:

CSIS/DM 7	Web Page Authoring II	(2 units)	
ART/CSIS/DM 85	Web Design I: Dreamweaver	(2 units)	
	.....		.2
			units

Choose one:

CSIS/DM 75	Photoshop I - Adobe PhotoShop	(3 units)	
JOUR 16A	Writing for Media	(3 units)	
	.....		.3
			units

Total Units Required for Certificate of Proficiency: 17 UNITS

Engineering Program

Drywall Apprenticeship Program

See Physical Science & Engineering: pages 139-140.

See Apprenticeships on page 72-73.