

DIGITAL MEDIA



Digital Media *A.S. Degree*
 Digital Art and Imaging Option
 Digital Audio/Video Option
 Interactive Media & Authoring Option

Digital Media *Certificates of Achievement*
 Digital Art and Imaging Option
 Digital Audio/Video Option
 Interactive Media & Authoring Option

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

Digital Media *Certificates of Proficiency*
 Digital Imaging/Graphics Production Specialist
 Digital Print Production Specialist
 Digital Video Editor Specialist
 Web Page Production Specialist

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Completion of the **CORE COURSES** and the additional requirements in a selected option (on following pages) will qualify students for either an A.S. degree and/or Certificate of Achievement in Digital Media.

CORE COURSES

DM 77*	Introduction to Digital Media & Its Tools	.3 units
ART 11*	Creativity, Imagination, and Innovation	.3 units
Choose one:		
DM 6	Web Page Authoring I (2 units)	
DM 85*	Web Design I: Dreamweaver (2 units)	
		.2 units
DM 75*	Photoshop	.3 units
DM 107*	Digital Media Design	.2 units
DM 114*	Digital Media Team Production	.2 units
Total Core		15 UNITS

* May be used to satisfy general education requirements for A.S. degree.

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 using digital media. This will enable them 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 in a team environment and contribute significant work related to their option area of study.

Digital Media Options

The following six associate's degrees and/or Certificates of Achievement require a combination of core courses (see previous page) and additional requirements.

Digital Art and Imaging Option

A.S. Degree

CORE COURSES:15 units

ADDITIONAL REQUIREMENTS:

Choose 9 units from the following list:

- ART 2A* Two Dimensional Design (3 units)
 - ART 2B* Form and Color (3 units)
 - ART 48A* Computer Art I (3 units)
 - ART 48B* Computer Art II (3 units)
 - DM 60 3D Animation I (3 units)
 - DM 61 3D Animation II (3 units)
 - DM 74* Advanced Photoshop (3 units)
 - DM 76* Digital Illustration (3 units)
 - DM 80* Digital Photography (3 units)
 - DM109* Interactive Animation: Director (3 units)
 - DM110* Interactive Animation: Flash (3 units)
 - DM117* Motion Graphics/Special Effects (3 units)
-9 units

Elective course in any other option area3 units
 Total Units for Major: 27 UNITS

Plus completion of general education requirementsunits vary
 Total Units Required for A.S.: minimum of 60 UNITS

Certificate of Achievement

CORE COURSES:15 units

ADDITIONAL REQUIREMENTS:

Choose 9 units from the following list:

- ART 2A Two Dimensional Design (3 units)
 - ART 2B* Form and Color (3 units)
 - ART 48A Computer Art I (3 units)
 - ART 48B Computer Art II (3 units)
 - DM 60 3D Animation I (3 units)
 - DM 61 3D Animation II (3 units)
 - DM 74 Advanced Photoshop (3 units)
 - DM 76 Digital Illustration (3 units)
 - DM 80* Digital Photography (3 units)
 - DM109 Interactive Animation: Director (3 units)
 - DM110 Interactive Animation: Flash (3 units)
 - DM117 Motion Graphics/Special Effects (3 units)
-9 units

Elective course in any other option area3 units
 Total Units for Certificate of Achievement: 27 UNITS

Program Learning Outcome: After completing this degree 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/DVD, video games, or digital print.

* May be used to satisfy general education requirements for A.S. degree.

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

This certificate will enable a graduate to obtain entry level jobs as a graphic designer/artist for Web, CD ROM, DVD, and digital print.

To receive an Associate of Science degree students must also complete Gavilan College general education requirements.

Digital Audio/Video Option

A.S. Degree

CORE COURSES: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)	
DM 113*	Introduction to Digital Video (3 units)	
DM 116*	DVD Authoring (2 units)	
DM 117*	Motion Graphics/Special Effects (3 units)	
HUM 25A	Film Production (3 units)	
MUS 21*	Electronic Music/Sound Design (3 units)	
THEA 16*	Introduction to Television (3 units)	
THEA 17A or B*	Television and Video Workshop (3 units)	
THEA 98*	Special Topics: GavTV Production (1-2 units)	
	9 units

Elective course in any other option area3 units
Total Units for Major: 27 UNITS

Plus completion of general education requirementsunits vary
Total Units Required for A.S.: minimum of 60 UNITS

* May be used to satisfy general education requirements for A.S. degree.

Certificate of Achievement

CORE COURSES: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)	
DM 113	Introduction to Digital Video (3 units)	
DM 116	DVD Authoring (2 units)	
DM 117	Motion Graphics/Special Effects (3 units)	
HUM 25A	Film Production (3 units)	
MUS 21	Electronic Music/Sound Design (3 units)	
THEA 16	Introduction to Television (3 units)	
THEA 17A or B	Television and Video Workshop (3 units)	
THEA 98	Special Topics: GavTV Production (1-2 units)	
	9 units

Elective course in any other option area3 units
Total Units for Certificate of Achievement: 27 UNITS

Program Learning Outcomes: After completing this degree 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.

Program Learning Outcomes: After completing this Certificate of Achievement 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.

This 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.

To receive an Associate of Science degree students must also complete Gavilan College general education requirements.

Interactive Media and Authoring Option

A.S. Degree

CORE COURSES:15 units

ADDITIONAL REQUIREMENTS:

Choose 9 units from the following:

DM 60 3D Animation I (3 units)

Choose only one of the following two courses:

DM 85* Web Design I: Dreamweaver (2 units)

CSIS 7 Web Page Authoring II (2 units)

DM 109* Interactive Animation and Authoring: Director (3 units)

DM 110* Interactive Animation: Flash (3 units)

DM 116* DVD Authoring (2 units)

CSIS 24 Java Programming I (4 units)

CSIS 45 C++ Programming I (4 units)

CSIS 56 Game Programming (3 units)

CSIS 84 JavaScript Programming (2 units)

CSIS 151 Introduction to XML Authoring (3 units)

.....9 units

Elective course in any other option area3 units

Total Units for Major: 27 UNITS

Plus completion of general education requirementsunits vary

Total Units Required for A.S.: minimum of 60 UNITS

Certificate of Achievement

CORE COURSES:15 units

ADDITIONAL REQUIREMENTS:

Choose 9 units from the following:

DM 60 3D Animation I (3 units)

Choose only one of the following two courses:

DM 85 Web Design I: Dreamweaver (2 units)

CSIS 7 Web Page Authoring II (2 units)

DM 109 Interactive Animation and Authoring: Director (3 units)

DM 110 Interactive Animation: Flash (3 units)

DM 116 DVD Authoring (2 units)

CSIS 24 Java Programming I (4 units)

CSIS 45 C++ Programming I (4 units)

CSIS 56 Game Programming (3 units)

CSIS 84 JavaScript Programming (2 units)

CSIS 151 Introduction to XML Authoring (3 units)

.....9 units

Elective course in any other option area3 units

Total Units for Certificate of Achievement: 27 UNITS

Program Learning Outcomes: After completing this degree 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.

* May be used to satisfy general education requirements for A.S. degree.

This certificate will enable a graduate to obtain entry level jobs as a web designer, web architect, information designer, web master, and CD ROM/DVD or computer game designer.

To receive an Associate of Science degree students must also complete Gavilan College general education requirements.

General Education Requirements:
A student may complete the Gavilan College AA/AS general education, the CSU-GE Breadth, or the IGETC pattern.
See a counselor for details.

Digital Imaging/Graphics Production Specialist *Certificate of Proficiency*

DM 75	PhotoShop I - Adobe Photoshop	.3 units
DM 76	Digital Illustration	.3 units
DM 77	Introduction To Digital Media & Its Tools	.3 units

Choose one:

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

Choose one:

ART 2A	Two Dimensional Design (3 units)	
ART 2B	Form and Color (3 units)	
		.3 units

Choose one:

ART 8A	Beginning Photography from Analog to Digital (3 units)	
ART 48A	Computer Art I (3 units)	
ART 48B	Computer Art II (3 units)	
DM 80	Digital Photography (3 units)	
DM 110	Interactive Animation: Flash (3 units)	
CGD 110	Computer Graphics Lab (3 units)	
		.3 units

Total Units for Certificate of Proficiency: 17 UNITS

This Certificate of Proficiency prepares the student for entry-level work preparing images and graphics for print, web, video or other multi-media publication. Also, it can lead to advanced certificates or degrees in digital Imaging/Graphic Design or Digital Media.

Digital Print Production Specialist *Certificate of Proficiency*

DM 77	Introduction to Digital Media & Its Tools	.3 units
CSIS 126	Word Processing - MS Word	.2 units
CSIS 169	Adv. Word Processing w/Desktop Publishing - MS Word	.2 units

Choose one:

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

Choose one:

DM 75	PhotoShop I - Adobe Photoshop (3 units)	
DM 76	Digital Illustration (3 units)	
		.3 units

Choose one:

DM 71	Desktop Publishing - Adobe PageMaker (3 units)	
DM 72	Desktop Publishing—QuarkXpress (3 units)	
CGD 160	Technical Manual Desktop Publishing/Graphics (4 units)	
		3-4 units

Total Units for Certificate of Proficiency: 15-16 UNITS

This Certificate of Proficiency prepares students for entry-level work combining images and text for print publication (commonly called Desktop Publishing.) It may lead students to advanced certificates or degrees in desktop publishing, digital print design or graphic design.

Visit the Gavilan College website to view the current Catalog - www.gavilan.edu/catalog

Digital Video Editor Specialist *Certificate of Proficiency*

DM 77	Introduction to Digital Media & Its Tools	.3 units
DM113	Digital Video/Audio	.3 units

Choose one:

DM117	Motion Graphics/Special Effects (3 units)	
DM110	Interactive Animation: Flash (3 units)	
MUS 21	Electronic Music/Sound Design (3 units)	
THEA 16	Introduction to Television (3 units)	.3 units

Choose one:

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

THEA 98	Special Topics: GavTV Production	1-2 units
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Total Units for Certificate of Proficiency: 13-14 UNITS

This Certificate of Proficiency prepares the student for entry-level work in the TV, video, and film industry as a digital video editor, post production specialist, or multimedia video specialist.

Courses in this certificate can lead the achiever to further study for advanced certificates or degrees in Digital Media or Media Arts - TV Production.

Web Page Production Specialist *Certificate of Proficiency*

DM 6	Web Page Authoring I	.2 units
DM 77	Introduction to Digital Media & Its Tools	.3 units
CSIS 126	Word Processing - MS Word	.2 units

Choose one:

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

Choose one:

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

Choose one:

DM 110	Interactive Animation: Flash (3 units)	
CSIS 109	Interactive Animation & Authoring: Director (3 units)	.3 units

Choose one:

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

Total Units for Certificate of Proficiency: 17 UNITS

This Certificate of Proficiency prepares the student for entry-level work laying out and adding content to web pages for the Internet. Students may concentrate on visual or text content.

This certificate can lead to advanced certificates or degrees in Web Page Design, Digital Media or Media Arts.

Engineering Program

See Physical Science & Engineering: General Engineering pages 129-130.

English as a Second Language (ESL) Program

See page 234.