

Digital Media

A.A. DEGREE: 60 units

CERTIFICATE OF ACHIEVEMENT: 18-19 units

DESCRIPTION

Digital Media students learn fundamental concepts, aesthetic principles, and complex techniques applicable to digital media and related programs in multimedia, new media, animation, digital video, and digital design. A variety of degree options explore in detail a desired specialty in this multidisciplinary field.

This degree is for students who are interested in pursuing a career as a Graphic Visual Designer, Illustrator, Animator, Digital Imaging Specialist, Videographer, Editor Visual Effects Artist, Web Designer, or Game Designer/Developer. Options available offer a student a path directly to 4 year colleges, to start or enhance a career, or to work as an entry level production specialist.

PROGRAM LEARNING OUTCOMES

Upon successful completion of this program, students will be able to:

- ▶ Analyze the relationship of aesthetics, content, user experience and/or interactivity of projects suitable for implementing and using digital media or in order to synthesize a design, produce development guidelines incorporating techniques such as storyboards and flow charts and render their design using good aesthetic 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.

Option in Digital Design and Imaging:

- ▶ 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.

Option in Digital Video and Animation:

- ▶ Analyze project definitions to produce scripts and storyboards in order to creatively and logically shoot and edit video; design visual effects / motion graphics; and create animation for video broadcast, web media, video games, or cell phones.

Option in Interactive Media:

- ▶ Describe the relationship of content elements, synthesize the interactivity, and design projects such as video games, websites, educational media, or interactive TV in line with current theories in human cognition and user experience.

REQUIRED CORE: (12 UNITS)

DM75 or	Photoshop I - Adobe PhotoShop	3
CSIS75	Photoshop I - Adobe Photoshop	3
DM76 or	Digital Illustration	3
CSIS76	Digital Illustration	3
DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3
DM107 or	Digital Media Design	3
CSIS107	Digital Media Design	3

SELECT ONE OF THE FOLLOWING OPTIONS:

OPTION IN DIGITAL DESIGN AND IMAGING: (6 UNITS)

DM85 or	Web Development and Design	3
CSIS85	Web Development and Design	3
DM74 or	Advanced PhotoShop	3
CSIS74	Advanced PhotoShop	3
DM80 or	Digital Photography	3
CSIS80	Digital Photography	3

OPTION IN DIGITAL VIDEO AND ANIMATION: (6 UNITS)

DM60	Introduction to Animation	3
DM61	3D Animation	3
DM113	Introduction to Digital Video	3
DM117 or	Visual Effects-Motion Graphics	3
CSIS117	Visual Effects-Motion Graphics	3

OPTION IN INTERACTIVE MEDIA: (6-7 UNITS)

DM6or	Webpage Authoring	3
CSIS6	Webpage Authoring	3
CSIS42	Python Programming	3
CSIS45	C++ Programming I	3
CSIS84	Java Script Programming	2
DM160 or	Game Design	3
CSIS160	Game Design	3

FOR ASSOCIATE DEGREE, COMPLETE GENERAL EDUCATION REQUIREMENTS

A student may complete the Gavilan College A.A./A.S. general education, the CSU-GE Breadth or the IGETC pattern, plus sufficient electives to meet a 60 unit total. See a counselor for details.

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

ELECTIVES AS NEEDED TO REACH 60 UNITS

Digital Design and Imaging

CERTIFICATE OF ACHIEVEMENT: 18 units

DESCRIPTION

Digital Media students learn fundamental concepts, aesthetic principles, and complex techniques applicable to digital media and related programs in multimedia, new media, animation, digital video, and digital design. A variety of certificate options explore in detail a desired specialty in this multidisciplinary field. These certificates are for students who are interested in pursuing a career as a Graphic Visual Designer, Illustrator, Animator, Digital Imaging Specialist, Videographer, Editor, Visual Effects Artist, Web Designer, or Game Designer/Developer. The certificate options available offer a student a path directly to start or enhance a career or to work as an entry level production specialist.

PROGRAM LEARNING OUTCOMES

Upon successful completion of this program, students will be able to:

- ▶ Analyze the relationship of aesthetics, content, user experience and/or interactivity of projects suitable for implementing and using digital media or in order to synthesize a design, produce development guidelines incorporating techniques such as storyboards and flow charts and render their design using good aesthetic 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.
- ▶ 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.

CORE COURSES (12 UNITS)

DM75 or	Photoshop I - Adobe PhotoShop	3
CSIS75	Photoshop I - Adobe Photoshop	3
DM76 or	Digital Illustration	3
CSIS76	Digital Illustration	3
DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3
DM107 or	Digital Media Design	3
CSIS107	Digital Media Design	3

ELECTIVES: (6 UNITS) CHOOSE 2 COURSES

DM85 or	Web Development and Design	3
CSIS85	Web Development and Design	3
DM74 or	Advanced PhotoShop	3
CSIS74	Advanced PhotoShop	3
DMBO or	Digital Photography	3
CSIS80	Digital Photography	3

Digital Video and Animation

CERTIFICATE OF ACHIEVEMENT: 18 units

DESCRIPTION

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- ▶ Be able to perform and communicate ideas within a team environment and contribute significant work related to their option area of study.
- ▶ Analyze project definitions to produce scripts and storyboards in order to creatively and logically shoot and edit video; design visual effects/motion graphics; and create animation for video broadcast, web media, video games, or cell phones.

CORE COURSES (12 UNITS)

DM75 or	Photoshop I - Adobe PhotoShop	3
CSIS75	Photoshop I - Adobe Photoshop	3
DM76 or	Digital Illustration	3
CSIS76	Digital Illustration	3
DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3
DM107 or	Digital Media Design	3
CSIS107	Digital Media Design	3

ADDITIONAL REQUIREMENTS: CHOOSE 2 (6 UNITS)

DM61	3D Animation	3
DM60	Introduction to Animation	3
DM113 or	Introduction to Digital Video	3
CSIS117	Visual Effects-Motion Graphics	3

Interactive Media

CERTIFICATE OF ACHIEVEMENT: 18-19 units

DESCRIPTION

Digital Media students learn fundamental concepts, aesthetic principles, and complex techniques applicable to digital media and related programs in multimedia, new media, animation, digital video, and digital design. A variety of certificate options explore in detail a desired specialty in this multidisciplinary field. These certificates are for students who are interested in pursuing a career as a Graphic Visual Designer, Illustrator, Animator, Digital Imaging Specialist, Videographer, Editor, Visual Effects Artist, Web Designer, or Game Designer/Developer. The certificate options available offer a student a path directly to start or enhance a career or to work as an entry level production specialist.

PROGRAM LEARNING OUTCOMES

Upon successful completion of this program, students will be able to:

- ▶ Analyze the relationship of aesthetics, content, user experience and/or interactivity of projects suitable for implementing and using digital media or in order to synthesize a design, produce development guidelines incorporating techniques such as storyboards and flow charts and render their design using good aesthetic 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.
- ▶ Describe the relationship of content elements, synthesize the interactivity, and design projects such as video games, web sites, educational media, or interactive TV in line with current theories in human cognition and user experience.

CORE COURSES (12 UNITS)

DM75 or	Photoshop I - Adobe PhotoShop	3
CSIS75	Photoshop I - Adobe Photoshop	3
DM76 or	Digital Illustration	3
CSIS76	Digital Illustration	3
DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3
DM107 or	Digital Media Design	3
CSIS107	Digital Media Design	3

ADDITIONAL REQUIREMENTS: (CHOOSE 9 UNITS)

DM6 or	Webpage Authoring	3
CSIS6	Webpage Authoring	3
CSIS42	Python Programming	4
CSIS45	C++ Programming I	3

CSIS84	JavaScript Programming	2
DM160 or	Game Design	3
CSIS160	Game Design	3

Digital Imaging/Graphics Production Specialist

CERTIFICATE OF PROFICIENCY: 17-18 units

DESCRIPTION

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 does NOT require completion of core courses.

REQUIREMENTS: (12 UNITS)

ART2A	Two-Dimensional Design	3
CSIS75 or	Photoshop I - Adobe Photoshop	3
DM75	Photoshop I - Adobe PhotoShop	3
DM76 or	Digital Illustration	3
CSIS76	Digital Illustration	3
DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3

CHOOSE ONE: (2-3 UNITS)

CSIS114 or	Digital Media Production	2
DM114	Digital Media Production	2
JOUR18A	Print and Digital News I	3

CHOOSE ONE: (3 UNITS)

CSIS80 or	Digital Photography	3
DM80	Digital Photography	3
CSIS110 or	Interactive Animation: Flash	3
DM110	Interactive Animation: Flash	3
ART8A	Introduction to Photography	3
CGD110	Computer Graphics Lab	1 - 4

Digital Print Production Specialist

CERTIFICATE OF PROFICIENCY: 15-16 units

DESCRIPTION

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.

DOES NOT REQUIRE COMPLETION OF CORE COURSES

PROGRAM REQUIREMENTS: (10 UNITS)

DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3
CSIS73 or	Desktop Publishing - Adobe InDesign	3
DM73	Desktop Publishing - Adobe InDesign	3
CSIS126	Word Processing - MS Word	2
CSIS132	Intermediate Word Processing - MS Word	2

CHOOSE ONE: (2-3 UNITS)

CSIS114	Digital Media Production	2
DM114	Digital Media Production	2
JOUR18A	Print and Digital News I	3

CHOOSE ONE: (3 UNITS)

CSIS75 or	Photoshop I - Adobe Photoshop	3
DM75	Photoshop I - Adobe PhotoShop	3
CSIS76 or	Digital Illustration	3
DM76	Digital Illustration	3

Digital Video Editor Specialist

CERTIFICATE OF PROFICIENCY: 13-14 units

DESCRIPTION

This certificate will enable a graduate to obtain jobs working as a video / film editor's assistant, sound mixer, or visual effects assistant. Does NOT require completion of core courses.

PROGRAM REQUIREMENTS:(13-14 UNITS)

DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3
DM113	Introduction to Digital Video	3
THEA98	Special Topics	0.5 - 3

CHOOSE ONE:

DM117 or	Visual Effects-Motion Graphics	3
CSIS117	Visual Effects-Motion Graphics	3
DM110 or	Interactive Animation: Flash	3

CSIS110	Interactive Animation: Flash	3
MUS21	Electronic Music / Sound Design	3
THEA16 or	History and Culture of Television, Film and New	3
	Media	3
MCTV16	History and Culture of Television, Film and New	3
	Media	3

CHOOSE ONE:

THEA17B or	Television and Video Workshop	3
MCTV17B	Television and Video Workshop	3
MCTV17A or	Television and Video Workshop	3
THEA17A	Television and Video Workshop	3

Web Page Production Specialist

CERTIFICATE OF PROFICIENCY: 18-20 units

DESCRIPTION

This certificate will enable a graduate to obtain jobs maintaining websites or assisting web designer/developer. Does NOT require completion of core courses.

PROGRAM REQUIREMENTS:

CSIS6 or	Webpage Authoring	3
DM6	Webpage Authoring	3
DM77 or	Introduction to Digital Media and its Tools	3
CSIS77	Introduction to Digital Media and its Tools	3
DM110 or	Interactive Animation: Flash	3
CSIS110	Interactive Animation: Flash	3
CSIS126	Word Processing - MS Word	2

CHOOSE ONE: (2-3 UNITS)

CSIS114 or	Digital Media Production	2
DM114	Digital Media Production	2
JOUR18A	Print and Digital News I	3

CHOOSE ONE: (2-3 UNITS)

CSIS7 or	Web Page Authoring II	2
DM7	Web Page Authoring II	2
CSIS85 or	Web Development and Design	3
DM85	Web Development and Design	3

CHOOSE ONE: (3 UNITS)

CSIS75 or	Photoshop I - Adobe Photoshop	3
DM75	Photoshop I - Adobe PhotoShop	3
JOUR16A	Writing for Print and Digital Media	3