



# DIGITAL MEDIA TECHNOLOGY

## Associate in Science Degree *(and related Certificates)*

Preparing you for immediate entry into the workforce

Would you consider a job designing the latest video games as a high-tech career? It is, along with a number of other career opportunities that are part of a degree in Digital Media Technology. Valencia's A.S. degree program in Digital Media Technology is one of the hottest emerging fields in Information Technology today. It is designed to prepare students for high-tech careers in digital media design & development, and production & presentation. Combining classroom experience with real-world projects, this exciting program prepares students for challenging careers in this cutting-edge field. If you have an interest in Internet and Web publishing, 2-D animation and simulation, digital video production and post-production, game development or interactive entertainment, then Valencia's Digital Media program may be just the thing for you!

### **This program offers specializations in:**

- Design and Development
- Production and Presentation

### **For a Jump Start...**

on a great career, consider this:

In just one year or less, you can complete one of these certificate programs and be on your way to a great job with great pay!

- Digital Media Development
- Digital Media Production
- Digital Media Video Production
- Digital Media Web Production
- Digital Video Fundamentals
- Digital Video Editing and Post-Production

### **Primary Occupations**

- Interactive Media Technician
- Web Designer
- Web Developer
- Web Production Technician
- Audio Visual Technician
- Post-Production Specialist
- Digital Editor
- Digital Audio Technician
- Digital Media Production Specialist
- Digital Videographer
- DVD Developer

### **Estimated Starting Salary Range**

\$33,000 - \$50,000 per year

### **Contacts**

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Ms. Erica Reynoso <i>Career Program Advisor</i>	East Campus e-mail: <a href="mailto:ereynoso@valenciacc.edu">ereynoso@valenciacc.edu</a>	407-582-2352
Ms. Aida Diaz <i>Department Dean</i>	East Campus	407-582-2338

### **Typical Tasks May Include...**

- presenting digital and interactive media projects to a live audience using a variety of digital media formats
- capturing and manipulating video, image, and audio files
- creating content for high-bandwidth digital broadcasting
- designing and developing interactive, digital media for DVD's, CD-ROM's, and/or the Internet
- creating video projects for commercial and industrial use

### **Potential Employers**

We're not playing around here! The digital media field offers many exciting career choices that are available in theme parks, corporate theater, film companies, TV stations, convention services, and numerous other entertainment venues.

### **The Internship & Placement Office**

is available to assist you in locating an internship or a job! Call 407-582-1035 for details or visit our Website at: [valenciacc.edu/ipo](http://valenciacc.edu/ipo).

# DIGITAL MEDIA TECHNOLOGY - Program

## Digital Media Technology with Specializations in:

### Design and Development Production and Presentation

#### Associate in Science Degree

This program is designed for students seeking employment in digital media design and development, production and presentation. Combining classroom experience with real-world projects, this interdisciplinary program offers two specializations leading to careers in this cutting-edge field.

The Design and Development Specialization focuses on content development for current and emerging digital media technologies. It teaches students to create interactive digital media for use on DVDs, CD-ROMs, and/or networks, manage digital media projects, and produce content for high-bandwidth digital broadcasting.

The Production and Presentation Specialization concentrates on producing the video and audio materials for use in digital media products as well as presenting digital media projects to live audiences in venues ranging from conventions and corporate meetings to themed interactive entertainment.

Students are prepared to become project managers, multimedia developers, Webmasters, digital videographers, assistant editors, audiovisual technicians, and 2-D animation technicians.

Graduates of specific programs at Orange County Tech Centers may be eligible for the award of credit in specific courses in this program. For information and requirements, visit the Valencia Web site at <http://valenciacc.edu/asdegrees/tec.asp> to view the articulation agreement. Eligible students should contact the related academic department and/or career program advisor at Valencia for the award of credit.

Several Florida public universities recently have begun to provide opportunities for A.S. degree graduates to pursue a bachelor's degree. Information about such opportunities, including those at the University of Central Florida, is found in the Introduction to this catalog section. Students who want to continue their education should contact their university of choice.

Students are strongly encouraged to consult a career program advisor in the department office for assistance in determining the best education plan for their career goals.

Although scheduling may not always provide for the following progression of courses, students should use the foundation, intermediate and advanced course sequence as a guide in program planning.

All degree-seeking students must satisfy entry testing requirements and satisfactorily complete all Mandatory Courses in reading, student success, mathematics, English, and English for Academic Purposes in which the student is placed.

+ This course must be completed with a grade of C or better.  
\* This course has a prerequisite; check description in Valencia catalog.  
Code Denotes course attribute if needed for degree audits.

## FOUNDATION COURSES

Course	Title	Credits	Code
TPA 1380	Survey of Entertainment Technology	2	
+ DIG 2000	Introduction to Digital Media	3	
DIG 1135	Digital Design Concepts	3	
+ FIL 2100	Screenwriting	3	
+ FIL 2422	Foundations of Motion Picture Production	3	
TPA 2220	Introduction to Stage Lighting	4	
TPA 2260	Introduction to Audio Production	4	
* ENC 1101	Freshman Composition I	3	ENCI
Humanities	(See A.S. Gen Ed Requirement)	3	HUMN, HUMH, FORL, ASHM
Science or			GRQN, AASC
+* Mathematics	(See A.S. Gen Ed Requirement)	3	ASMS, GRMT
<b>Total Credits</b>		<b>31</b>	

## Design and Development Specialization

### INTERMEDIATE COURSES

Course	Title	Credits	Code
POS 2041	U. S. Government	3	POS
INP 1301	Psychology in Business and Industry		
	or		
PSY 1012	General Psychology	3	
COP 1006	Introduction to Programming Concepts	3	
COP 2822	Web Publishing	3	
CGS 1560	Introduction to Operating Systems	3	
+ * DIG 2202	Digital Imaging	3	
* CGS 2786	Web Development Tools	3	
<b>Total Credits</b>		<b>21</b>	

### ADVANCED COURSES

Course	Title	Credits
* COP 2830	Scripting Languages	3
+* DIG 2500	Digital Interface Design	3
+* DIG 2501	Digital Interface Development	3
+ * DIG 2943	Internship in Digital Media	1
+* DIG 2580	Digital Media Portfolio	2
<b>Total Credits</b>		<b>12</b>
<b>Total Degree Credits</b>		<b>64</b>

For information on course descriptions see the Valencia catalog or visit our Website at: [valenciacc.edu/courses](http://valenciacc.edu/courses)

# DIGITAL MEDIA TECHNOLOGY - Program

## Production and Presentation Specialization

### INTERMEDIATE COURSES

Course	Title	Credits	Code POS
<b>POS 2041</b>	<b>U. S. Government</b>	<b>3</b>	
<b>INP 1301</b>	<b>Psychology in Business and Industry</b>		
	or		
<b>PSY 1012</b>	<b>General Psychology</b>	<b>3</b>	
TPA 2252	Introduction to Audio Visual Technology	3	
* DIG 2431	Advanced Video Production	3	
* DIG 2411	Motion Picture Editing and Post-Production	3	
+* DIG 2202	Digital Imaging	3	
TPA 2290	Technical Theater Production	3	
DIG 2430	Digital Storytelling		
	or		
* FIL 2130	Advanced Screenwriting	3	
	<b>Total Credits</b>	<b>24</b>	

### ADVANCED COURSES

Course	Title	Credits
+* DIG 2943	Internship in Digital Media	
	or	
+* FIL 2941	Internship in Film	
	or	
+* TPA 2942	Internship in Theater	1
	Digital Media Electives	6
+* DIG 2580	Digital Media Portfolio	2
	or	
+* TPA 2257	<sup>1</sup> Audio Visual Production	
	<b>Total Credits</b>	<b>9</b>
	<b>Total Degree Credits</b>	<b>64</b>

### DIGITAL MEDIA ELECTIVES

Course	Title	Credits
* FIL 2481	Directing for the Camera	3
* DIG 2521	Digital Post-Production	3
* TPA 2221	Advanced Stage Lighting	4
* TPA 2279	Advanced Audio Visual Technology	3

### NOTES:

<sup>1</sup> Taking this course results in 3 credits rather than the required 2 credits.

Specialized program courses are offered on the East Campus; some of the courses are offered at other locations.

General Education courses are in bold print in the course listing.

+ This course must be completed with a grade of C or better.  
\* This course has a prerequisite; check description in Valencia catalog.  
Code Denotes course attribute if needed for degree audits.

## Digital Media Development

### Technical Certificate

This program is designed to provide students with the skills required to create digital media presentations for Internet or CD/DVD delivery as well as other venues. The certificate focuses on industry-standard scripting languages at an intermediate to advanced level.

Course	Title	Credits
* CGS 2786	Web Development Tools	3
* COP 2830	Scripting Languages	3
+* DIG 2500	Digital Interface Design	3
+* DIG 2501	Digital Interface Development	3
	<b>Total Certificate Credits</b>	<b>12</b>

### NOTE:

All certificate courses are offered on East Campus; some of the courses are offered at other locations.

## Digital Media Production

### Technical Certificate

This program is designed to prepare students for initial employment as digital media production technicians. This basic-to-intermediate-level certificate provides students with the skills needed for the use of computer hardware and software and video equipment to create digital media and digital video projects.

Course	Title	Credits
DIG 2000	Introduction to Digital Media	3
DIG 1135	Digital Design Concepts	3
TPA 2252	Introduction to Audio Visual Technology	3
* DIG 2202	Digital Imaging	3
+ FIL 2422	Foundations of Motion Picture Production	3
	<b>Total Certificate Credits</b>	<b>15</b>

### NOTE:

All certificate courses are offered on East Campus; some of the courses are offered at other locations.

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# DIGITAL MEDIA TECHNOLOGY - Program

## Digital Media Video Production

### Technical Certificate

This program is designed to provide students with the skills required to create digital video presentations for DVDs, Internet or live audiences as well as other venues. This certificate focuses on screenwriting, digital video production and post-production skills.

Course	Title	Credits
FIL 2100	Screenwriting	3
FIL 2422	Foundations of Motion Picture Production	3
* DIG 2431	Advanced Video Production	3
* DIG 2411	Motion Picture Editing and Post-Production	3
<b>Total Certificate Credits</b>		<b>12</b>

#### NOTE:

All certificate courses are offered on East Campus.

## Digital Media Web Production

### Technical Certificate

This program is designed to prepare students for initial employment as Web production assistants or to provide supplemental training for those already employed in the field. This basic-to-intermediate-level certificate provides students with the skills needed for computer operations, digital media production and image manipulation to create Web projects.

Course	Title	Credits
+* DIG 2202	Digital Imaging	3
DIG 1135	Digital Design Concepts	3
COP 1006	Introduction to Programming Concepts	3
COP 2822	Web Publishing	3
CGS 1560	Introduction to Operating Systems	3
<b>Total Certificate Credits</b>		<b>15</b>

#### NOTE:

All certificate courses are offered on East Campus; some of the courses are offered at other locations.

+ This course must be completed with a grade of C or better.  
\* This course has a prerequisite; check description in Valencia catalog.  
Code Denotes course attribute if needed for degree audits.

## Digital Video Editing and Post-Production

### Technical Certificate

This program is designed to prepare students for employment as video production or post-production assistants or to provide supplemental training for those already employed in the field. This certificate provides students with the skills needed for video production, editing, post-production and image manipulation.

Course	Title	Credits
DIG 1135	Digital Design Concepts	3
+ * DIG 2202	Digital Imaging	3
TPA 2252	Introduction to Audio Visual Technology	3
+ FIL 2100	Screenwriting	3
+ FIL 2422	Foundations of Motion Picture Production	3
* DIG 2431	Advanced Video Production	3
* DIG 2411	Motion Picture Editing and Post-Production	3
* DIG 2521	Digital Post-Production	3
<b>Total Certificate Credits</b>		<b>24</b>

#### NOTE:

All certificate courses are offered on East Campus; some of the courses are offered at other locations.

## Digital Video Fundamentals

### Technical Certificate

This program is designed to prepare students for initial employment as video or audio visual technicians. This basic-to-intermediate-level certificate provides students with the skills needed for computer operations, video production, audio visual production and lighting to create video projects for Web, broadcast or industrial use.

Course	Title	Credits
DIG 2000	Introduction to Digital Media	3
TPA 2257	Audio Visual Production	3
TPA 2252	Introduction to Audio Visual Technology	3
+ FIL 2422	Foundations of Motion Picture Production	3
<b>Total Certificate Credits</b>		<b>12</b>

#### NOTE:

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