

# Multimedia Technologies Certificate

Certificate Number 90-111-2

*Revised*

## Description:

The Multimedia Technologies Certificate (video) will develop learner skills in digital photography, multimedia video design, digital video capturing, video production, video sequencing, video rendering, image editing, CD, DVD and HTML authoring on an Apple Computer Macintosh based Graphic Workstation.

## Requirements for Certificate Entry:

- A high school diploma or equivalent (Equivalency may be established through GED testing or other tests).
- Recent computer familiarity and ability to use a keyboard and mouse.
- Ability to sit behind a computer workstation for prolonged sessions.
- Proficiency on graphic software applications on Mac or PC (Graphic Workstations 10-111-103).

## Certificate Completers Will be Able to:

- Create multimedia images.
- Operate a Macintosh Graphic Workstation.
- Communicate effectively using multimedia.
- Solve technical problems.
- Visualize business solutions with multimedia video.
- Manage multimedia projects.
- Output for DVD, CD, and HTML.

## Curriculum

CATALOG #	DESCRIPTION	CREDITS
10-111-105 <i>Offered in: Fall 2008</i>	<b>DVD Authoring</b> ...setup and create interactive DVD productions. Other topics covered include: Bit-Budgeting, Storyboarding, Video and Audio Encoding, Menu Creation, and Delivery.	3
10-111-159 <i>Offered in: Spring 2009</i>	<b>Graphic Workstations-Adv</b> ...operation of production systems, applications used in graphic design/multimedia industries; OSX (Ten) operating system, directory structure, file management, application operation; cross platform file usage/delivery. (Prerequisite: 10-111-103, Graphic Workstations)	3
10-111-101 <i>Offered in: Spring 2009</i>	<b>Macintosh-Image Editing</b> ...(Adobe Photoshop + Adobe Acrobat) scanning, editing, color correcting and creating composite montage photographs. Prepare images for publication in print or the internet. An introduction to manipulating bitmap images. (Corequisite: 10-111-103, Graphic Workstations)	3
10-111-154 <i>Offered in: Spring 2009</i>	<b>Macintosh-Multimedia Authoring</b> ...media types including audio, video and graphics to create original commercial, educational and entertainment productions for delivery to broadcast, CD/DVD and web. Final Cut Pro, LiveType and Photoshop software. (Prerequisite: 10-111-101, Macintosh-Image Editing)	3
10-111-174 <i>Offered in: Fall 2008</i>	<b>Motion Graphics for Video</b> ...creating high impact, dynamic effects for video productions utilizing digital media including still and motion video, graphics, text and applied filters. Apple Motion, Adobe After Effects and Photoshop software. (Prerequisites: 10-111-154, Multimedia Authoring; 10-111-101, Mac Image Editing; 10-111-103, Graphic Workstations)	3
10-111-183 <i>Offered in: Fall 2008</i>	<b>Video Photography</b> ...technical aspects of capturing motion images including composition, lighting, exposure, filtration, and camera selection. Develop skills in pre-production through post-production of motion photography projects.	3

*Certificate Total*    **18**

**For more information, please contact:** The Business & Information Technology Division, (920) 498-5435 or (800) 422-NWTC, extension 5435, or contact Donna Meves, Flexible Learning Manager, (920) 498-6872 or (920) 498-5431, donna.meves@nwtc.edu