

Appendix A: Objectives and Courseware Locations

ICT Multimedia Essentials

The ICT Multimedia Essentials course and this appendix are designed to help students prepare for the ICT Multimedia Essentials digital certificate exam. Students can use this appendix as a study guide to locate content within the ICT Multimedia Essentials courseware that corresponds to the specific skills objectives of the ICT Multimedia Essentials digital certificate exam.

Learning objectives for all courses in the ICT Essentials series are based on the Florida Department of Education’s Curriculum Framework for Secondary–Middle School Information and Communications Technology skills, and align to National Assessment of Educational Progress (NAEP) frameworks for Technology and Engineering Literacy.

For more information about the ICT Essentials suite of courses and certificates, visit the ICT Essentials pages at www.ICTcertified.com.

ICT Domain 6: Multimedia Essentials Learning Objective	ICT Multimedia Essentials Course Courseware Lesson, Topics and Activities
Sub-Domain 6.1 Demonstrate proficiency using presentation software.	
6.1.1 Describe presentation software and the ways it can be used.	ICT Multimedia Essentials Lesson 1: Using Presentation Software - Presentation Software Basics - Activity: Analyzing Presentation Examples - Activity: Google Slides – Fill-in-the-Blank - Activity: Presentation Terms – Matching
6.1.2 Create and/or modify a “slide master” or template to apply a consistent appearance to a presentation.	Lesson 1: Using Presentation Software - Working with Slide Layouts - Working with Slide Masters - Activity: Google Slides – Fill-in-the-Blank - Activity: Presentation Terms – Matching - Activity: Creating a New Presentation from a Template

ICT Domain 6: Multimedia Essentials Learning Objective	ICT Multimedia Essentials Course Courseware Lesson, Topics and Activities
6.1.3 Add and format titles, subtitles and talking points in presentation slides.	Lesson 1: Using Presentation Software - Working with Slide Layouts - Finding and Proofing Content - Working with Text and Objects - Working with Speaker Notes
6.1.4 Add slide numbers and/or date and time codes to presentation slides.	Lesson 1: Using Presentation Software - Working with Slide Layouts - Finding and Proofing Content - Working with Text and Objects
6.1.5 Insert and format images/graphics in presentation slides.	Lesson 1: Using Presentation Software - Working with Text and Objects
6.1.6 Insert new or duplicate slides in a presentation.	Lesson 1: Using Presentation Software - Working with Slides
6.1.7 Modify slide transitions in a presentation to include animation.	Lesson 1: Using Presentation Software - Working with Slides - Working with Transitions and Animations - Activity: Presentation Terms – Matching
6.1.8 Insert and/or modify sound settings and timing in a presentation.	Lesson 1: Using Presentation Software - Working with Text and Objects - Working with Transitions and Animations
6.1.9 Modify the sequence of slides in a presentation.	Lesson 1: Using Presentation Software - Working with Slides
6.1.10 Produce a presentation that includes text, graphics and images, and present it.	Lesson 1: Using Presentation Software - Working with Text and Objects
6.1.11 Modify a presentation's setup to repeat (i.e., loop) the presentation continuously.	Lesson 1: Using Presentation Software - Publishing a Presentation to the Web
Sub-Domain 6.2 Demonstrate proficiency using graphics software.	
6.2.1 Describe graphics software and the ways it can be used.	ICT Multimedia Essentials Lesson 2: Using Graphics Software - Working with Graphics and Graphics Software

ICT Domain 6: Multimedia Essentials Learning Objective	ICT Multimedia Essentials Course Courseware Lesson, Topics and Activities
<p>6.2.2 Compare and contrast vector and bitmap images.</p> <p>6.2.3 Identify image file formats for photos and graphical art (e.g., TIFF, BMP, EPS, JPEG, GIF, PNG), and specify which formats are supported on the Web.</p> <p>6.2.4 Define terms related to the creation and display of graphical images (e.g., raster, vector, transparency, opacity, cropping, etc.).</p>	<p>Lesson 2: Using Graphics Software</p> <ul style="list-style-type: none"> - Working with Graphics and Graphics Software - Activity: Graphics Software – Matching
<p>6.2.5 Create images with effects using different tools, brushes, adjustments and filters available in graphics software.</p>	<p>Lesson 2: Using Graphics Software</p> <ul style="list-style-type: none"> - Using the Navigator Panel and View Menu - Using the Tools Palette - Using the Layer Menu and the Layers Panel - Using the Adjustment Menu - Using the Filter Menu - Activity: Graphics Software – Fill-in-the-Blank - Activity: Reviewing the Pixlr Editor Toolbar - Activity: Reviewing the Adjustment Menu - Activity: Reviewing the Use of Filters
<p>6.2.6 Copy and paste graphical images.</p> <p>6.2.7 Modify shapes and colors in a graphical image.</p>	<p>Lesson 2: Using Graphics Software</p> <ul style="list-style-type: none"> - Using the Image Menu - Using the Tools Palette - Using the Layer Menu and the Layers Panel - Using the Adjustment Menu - Using the Filter Menu - Activity: Graphics Software – Matching
<p>6.2.8 Save and export a digital photograph in a format that provides the best image quality and file size for Internet use.</p>	<p>Lesson 2: Using Graphics Software</p> <ul style="list-style-type: none"> - Using the Adjustment Menu
<p>Subdomain 6.3 Demonstrate proficiency in communication using digital and multimedia technologies and tools.</p>	
<p>6.3.1 Create a progressive slide presentation using graphical design/layout template features (e.g., SmartArt) and animated transitions.</p>	<p>ICT Multimedia Essentials</p> <p>Lesson 1: Using Presentation Software</p> <ul style="list-style-type: none"> - Working with Transitions and Animations

ICT Domain 6: Multimedia Essentials Learning Objective	ICT Multimedia Essentials Course Courseware Lesson, Topics and Activities
6.3.2 Use a portable digital video device (e.g., mobile phone, Flip camera) or similar online tools to shoot video files, and transfer them to a computer. 6.3.3 Use video-editing software to produce a slide show or movie.	
6.3.4 Create a multimedia presentation that incorporates edited video, animation, music and/or narration, and that applies principles of good design, smooth transitions and effective message delivery.	Lesson 1: Using Presentation Software - Working with Text and Objects