

ICT Multimedia Essentials

Objectives Matrix

The *ICT Multimedia Essentials* course teaches students fundamental multimedia skills, including how to use presentation software, graphics software, and other digital and multimedia tools. Students will create a slide presentation with titles, text and images. They will also use transitions, animation and sound in the presentation. Students will study graphics topics including vector and bitmap images, file formats, and terms related to the creation of graphical images. In addition, they will use graphics software tools to create, enhance and modify and images. Finally, students will create a multimedia presentation that incorporates edited video, animation and sound, and that demonstrates good design, smooth transitions and effective message delivery.

ICT Multimedia Essentials Objective	ICT Multimedia Essentials Courseware Lesson(s) and Section(s)
Domain 6.1: Demonstrate proficiency using presentation software.	
6.1.1: Describe presentation software and the ways it can be used.	Lesson 1: Using Presentation Software - Presentation Software Basics
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
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
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 Transitions and Animations
6.1.8: Insert and/or modify sound settings and timing in a presentation.	Lesson 1: Using Presentation Software - Presentation Software Basics - Inserting Video - Working with Transitions and Animations
6.1.9: Modify the sequence of slides in a presentation.	Lesson 1: Using Presentation Software - Working with Slides

ICT Multimedia Essentials Objective	ICT Multimedia Essentials Courseware Lesson(s) and Section(s)
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
Domain 6.2: Demonstrate proficiency using graphics software.	
6.2.1: Describe graphics software and the ways it can be used.	Lesson 2: Using Graphics Software - Working with Graphics and Graphics Software
6.2.2: Compare and contrast vector and bitmap images.	Lesson 2: Using Graphics Software - Working with Graphics and Graphics Software
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.	Lesson 2: Using Graphics Software - Working with Graphics and Graphics Software
6.2.4: Define terms related to the creation and display of graphical images (e.g., raster, vector, transparency, opacity, cropping, etc.).	Lesson 2: Using Graphics Software - Working with Graphics and Graphics Software
6.2.5: Create images with effects using different tools, brushes, adjustments and filters available in graphics software.	Lesson 2: Using Graphics Software - Using the Navigator Panel and View Menu - Using the Image Menu - Using the Tools Palette - Using the Layer Menu and the Layers Panel - Using the Adjustment Menu - Using the Filter Menu
6.2.6: Copy and paste graphical images.	Lesson 2: Using Graphics Software - Using the Image Menu - Using the Tools Palette - Using the Layer Menu and the Layers Panel - Using the Adjustment Menu - Using the Filter Menu
6.2.7: Modify shapes and colors in a graphical image.	Lesson 2: Using Graphics Software - Using the Image Menu - Using the Tools Palette - Using the Layer Menu and the Layers Panel - Using the Adjustment Menu - Using the Filter Menu
6.2.8: Save and export a digital photograph in a format that provides the best image quality and file size for Internet use.	Lesson 2: Using Graphics Software - Using the Adjustment Menu

ICT Multimedia Essentials Objective	ICT Multimedia Essentials Courseware Lesson(s) and Section(s)
Domain 6.3: Demonstrate proficiency in communication using digital and multimedia technologies and tools.	
6.3.1: Create a progressive slide presentation using graphical design/layout template features (e.g., SmartArt) and animated transitions.	<p>Lesson 1: Using Presentation Software</p> <ul style="list-style-type: none"> - Working with Transitions and Animations <p>Lesson 3: Communication Using Digital and Multimedia Technologies and Tools</p> <ul style="list-style-type: none"> - Creating Your Presentation
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.	<p>Lesson 3: Communication Using Digital and Multimedia Technologies and Tools</p> <ul style="list-style-type: none"> - Capturing Video
6.3.3 Use video-editing software to produce a slide show or movie.	<p>Lesson 3: Communication Using Digital and Multimedia Technologies and Tools</p> <ul style="list-style-type: none"> - Video editing
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.	<p>Lesson 1: Using Presentation Software</p> <ul style="list-style-type: none"> - Inserting Video <p>Lesson 3: Communication Using Digital and Multimedia Technologies and Tools</p> <ul style="list-style-type: none"> - Creating Your Video