

**MODULE INF3130: MULTIMEDIA AUTHORING 2**

**Level:** Advanced

**Theme:** Productivity Software

**Prerequisite:** INF2130 Multimedia Authoring 1

**Module Description:** Students learn to use a multimedia file or multimedia authoring software based on digitized input of text, video and audio clips.

**Module Parameters:** Computer workstation, multimedia software, support resources.

**Curriculum and Assessment Standards**

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> <li>• demonstrate multimedia authoring software and digitized input competence, by:               <ul style="list-style-type: none"> <li>– capturing text/ images, video and audio information from external sources, and inputting it on a computer</li> <li>– using captured text/images, video and audio to create a multimedia presentation</li> </ul> </li> <li>• apply, consistently, appropriate workstation routines</li> </ul>	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> <li>• planning, producing, editing and testing of a multimedia presentation that includes original text, graphics, video, audio and animation with the individual components supporting a common theme:               <ul style="list-style-type: none"> <li>– create and import textual material</li> <li>– create and import graphics</li> <li>– create and import video clips</li> <li>– create and import audio clips</li> <li>– create and import animation clips.</li> </ul> </li> </ul> <p><i>Assessment Tool</i>  <i>Assessment Checklist: Multimedia Software Functions (INFMMSF)</i>  <i>Assessment Checklist: Multimedia Productions and Presentations (INFMMDOC)</i></p> <p><i>Standard</i>  <i>Rating of 2</i></p> <ul style="list-style-type: none"> <li>• demonstrate appropriate workstation routines.</li> </ul> <p><i>Assessment Tool</i>  <i>Assessment Checklist: Workstation Routines and Management (INFWRKSTN)</i></p> <p><i>Standard</i>  <i>Rating of:</i>            3 – Workstation Use            3 – File Management            3 – Time Management/Organization            3 – Professionalism</p>	<p>20</p> <p>70</p> <p>10</p>

**MODULE INF3130: MULTIMEDIA AUTHORING 2** (continued)

Module Learner Expectations	Assessment Criteria and Conditions	Suggested Emphasis
<p><i>The student will:</i></p> <ul style="list-style-type: none"> <li>• demonstrate basic competencies.</li> </ul>	<p><i>Assessment of student achievement should be based on:</i></p> <ul style="list-style-type: none"> <li>• observations of individual effort and interpersonal interaction during the learning process.</li> </ul> <p><i>Assessment Tool</i>  <i>Basic Competencies Reference Guide and any assessment tools noted above</i></p>	<p>Integrated throughout</p>

Concept	Specific Learner Expectations	Notes
<p>Multimedia Software Authoring Skill</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> <li>• demonstrate ability to use identified multimedia software in the planning of a presentation that includes creating and importing of:               <ul style="list-style-type: none"> <li>– text</li> <li>– graphics</li> <li>– video</li> <li>– sound</li> <li>– animation</li> </ul> </li> <li>• import text/images, video and audio information</li> <li>• manipulate text/images and audio information as required.</li> </ul>	
<p>Multimedia Authoring Application</p>	<ul style="list-style-type: none"> <li>• plan steps in preparing a multimedia presentation</li> <li>• prepare a storyboard, outlining the presentation's content and special effects for a particular theme</li> <li>• make decisions regarding text, sound, graphics, video and animation</li> <li>• select and use appropriate tools, commands and devices</li> <li>• apply software commands</li> </ul>	

**MODULE INF3130: MULTIMEDIA AUTHORING 2** (continued)

Concept	Specific Learner Expectations	Notes
<p>Multimedia Authoring Application (continued)</p>	<p><i>The student should:</i></p> <ul style="list-style-type: none"> <li>• create a customized multimedia authored file/movie (key, import, digitize text, video, audio clips) using software program(s) and external sources by doing all or some of the following:               <ul style="list-style-type: none"> <li>– establish windows/screen parameters and characteristics</li> <li>– determine clip considerations</li> <li>– open/import/digitize source clips:                   <ul style="list-style-type: none"> <li>• still-images</li> <li>• animation</li> <li>• audio clips</li> <li>• window files</li> <li>• special files</li> </ul> </li> <li>– edit windows/screens using:                   <ul style="list-style-type: none"> <li>• tool kit functions</li> <li>• command options</li> </ul> </li> <li>– edit clips (trim/split/join/align)</li> </ul> </li> <li>• preview segments, tracks, sequence</li> <li>• print/export file; storyboard the window/screen; enhance with visual transitions; apply digital filters; create titles/graphics; superimpose clips</li> <li>• run uncompiled sequence; play compiled movie (videotape recording, edit decision list).</li> </ul>	<p>Multimedia software uses the power of the computer to create presentations that integrate text information, visual images and sound tracks. Sources of input include both software-resident clips as well as externally digitized images from videotape, full-motion video sequences, music segments, computer-generated animation, CD/laser discs and other graphics elements including still images, paintings or photographs.</p>

**MODULE INF3130: MULTIMEDIA AUTHORING 2** (continued)

Concept	Specific Learner Expectations	Notes
Workstation Management	<p><i>The student should:</i></p> <ul style="list-style-type: none"> <li>• apply efficient workstation position and routines that encourage:               <ul style="list-style-type: none"> <li>– good health and safety (posture, positioning of hardware and furniture)</li> <li>– security for hardware, software, supplies and personal work</li> </ul> </li> <li>• demonstrate efficient and appropriate use of time and resources:               <ul style="list-style-type: none"> <li>– start-up procedures</li> <li>– organization of work area</li> <li>– closing procedures</li> </ul> </li> <li>• apply effective decision-making strategies in production assignments:               <ul style="list-style-type: none"> <li>– plan activities</li> <li>– organize data, information, resources</li> <li>– consider alternatives</li> <li>– evaluate activities/results</li> </ul> </li> <li>• use related terminology to describe basic processes, procedures and tools.</li> </ul>	