



Australian Government

ICPDMT296 Create and test an interactive CD-ROM/DVD

Release: 1

ICPDMT296 Create and test an interactive CD-ROM/DVD

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to produce an interactive CD-ROM/DVD.

It applies to individuals who are responsible for the creation and testing of all interactive functions to ensure that the automatic start and other functions operate correctly.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Digital media technologies

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1 Confirm data requirements	1.1 All details required for job are checked and confirmed against job specifications 1.2 Media content is tested to ensure all interactivity performs according to job specifications 1.3 Media is compressed correctly with images at right resolution and any text in correct format
2 Prepare CD-ROM/DVD structure	2.1 Target audience is identified from job specifications 2.2 Welcome page is developed that identifies navigational structure of media 2.3 Folders for containing media are prepared according to

ELEMENT	PERFORMANCE CRITERIA
	interactivity requirements 2.4 All files are named using correct filename convention
3 Set up auto functions	3.1 Autorun is set up to automatically start up CD-ROM/DVD media 3.2 ShelExec.exe is incorporated into autorun script to ensure default programs within shell are started 3.3 Autorun is linked to reader in case target audience does not have one pre-installed 3.4 Where autorun is linked to Adobe Reader, JavaScript is added to appropriate folder to launch PDF file
4 Burn CD-ROM/DVD	4.1 CD-ROM/DVD layout is validated and saved correctly 4.2 Preferred CD-ROM/DVD format is chosen for job 4.3 Test CD-ROM/DVD is burned to test automatic functions and confirm interactivity across different platforms 4.4 Master disc is produced for mass duplication

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1-1.3, 2.1	Interprets textual information to determine job requirements
Writing	2.2, 2.4	- Uses correct terminology and format to convey navigational structures - Uses required file naming conventions
Numeracy	1.3	Uses mathematical techniques to determine and confirm correct image resolution
Get the work done	1.2, 1.3, 2.1-2.4, 3.1-3.4, 4.1-4.4	- Takes responsibility for planning, organising and implementing tasks required to produce products that meet job requirements - Analyses job requirements to decide on appropriate formats, functions and structures - Systematically tests functionality of CDs or DVDs to identify operational errors

		Understands the purposes, specific functions and key features of common digital systems and tools, and operates them effectively to complete routine tasks
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Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPDMT296 Create and test an interactive CD-ROM/DVD	ICPMM296C Create and test a CD-ROM/DVD	Updated to meet Standards for Training Packages. Title changed.	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>

Assessment Requirements for ICPDMT296 Create and test an interactive CD-ROM/DVD

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Performance Evidence

Evidence of the ability to:

- produce TWO CD-ROMs/DVDs which:
 - include different interactive functions
 - start automatically with autorun
 - will link with a reader for computers without a reader installed
 - have no errors in any of the interactive functions
 - meet job and organisational requirements.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

- explain the purpose of compression technologies
- identify relevant media types and multimedia software to create and test a CD-ROM/DVD
- describe relevant CD/DVD hardware for burning CDs/DVDs
- explain the requirements for multimedia navigation
- explain the purpose of scripting languages
- clarify types and purposes of different multimedia file formats.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the digital media technologies field of work and include access to appropriate computer hardware and software.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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