

Diploma in Information Technology (Multimedia)

ICA50905

Course Description

This qualification provides the skills and knowledge for an individual to be competent in designing, developing, utilising and securing multimedia. A person competent in these competencies could work in the area of online services or multimedia development. The qualification has a relatively small core unit base with the potential for inclusion of a wide range of design, ICT and multimedia units to suit particular needs.

Course Duration

Depending on your choice of delivery method you may have up to 24 months to complete this course.

Delivery Methods

Fundamental changes to the Australian workforce in recent years have resulted in employers demanding increased flexibility in the skill sets of their employees. At the same time, more individuals are taking greater responsibility for the development and extension of their own skills and knowledge. Prime Learning endeavours to accommodate those needs with its flexible delivery and qualifications structure allowing enterprises and individuals to progressively build relevant industry skills and have these recognised.

The following delivery methods are available for this course:

- **Classroom** (Classes are set with calendar and also rolling intake)
- **Workplace** (Trainer delivers on site with client)
- **Distance Learning** (All workbooks sent to client)
- **Blended Learning** (Periodic Workshops and Distance Learning)
- **RPL** - Recognised Prior Learning

For further customisation, or more information, please contact one of our course advisors on **1800 22 99 33**.

Pre-requisites

The following units contain the basic fundamentals of ICT knowledge and skills for all qualifications at Certificate III in IT and above. These units or demonstrated equivalence are required for entry into this qualification:

BSBCMN106A	Follow workplace safety procedures
ICAD2012B	Design organisational documents using computing packages
ICAU1128B	Operate a personal computer
ICAU2005B	Operate computer hardware
ICAU2006B	Operate computing packages
ICAU2013B	Integrate commercial computing packages

ICAU2231B	Use computer operating system
ICAW2001B	Work effectively in an IT environment
ICAW2002B	Communicate in the workplace

There are no specific prerequisites for ICA05 core units in this qualification, however prerequisite arrangements for non-ICA05 core and any elective units should be checked with the originating Training Package.

Course Requirements

Throughout the program you will need to have access to a PC or laptop with the following requirements:

- Microsoft Windows (98, Me, 2000, 2003, XP or Vista)
- Microsoft Word 97 or later
- Adobe Acrobat Reader*
- Access to Internet and Email
- CD-Rom Drive

* Can be downloaded free of charge from www.adobe.com

Resources Included

All of the learning materials and text books required to complete this course will be provided.

Course Units

19 units - 6 core units plus 13 elective units

Achieve 8 Elective Units from any of the ICA50905 Elective Cluster lists below

Achieve 5 Elective Units Chosen from the Following Sources (Listed in Recommended Order)

- from the Elective Cluster units above; and/or
- elsewhere in the ICA05 Information and Communications Technology Training Package at Diploma or Advanced Diploma (up to 3 units can be selected at Certificate IV); and/or
- preferred Training Packages at Diploma or Advanced Diploma (CUF07 Screen and Media; ICP05 Printing and Graphic Arts; SIR07 Retail Services; CUV03 Visual Arts, Craft and Design); and/or
- any other Training Package (up to a maximum of 2 units) at Diploma or Advanced Diploma based on documented industry or enterprise needs

Core Units

Code	Description
CUFMEM02A	Author a multimedia product
ICAS5202A	Ensure privacy for users
ICPMM581A	Manage multimedia production
ICPMM582A	Manage multimedia projects
ICPP411A	Undertake a complex design brief

PSPPM502B	Manage complex projects
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Elective Units - Design

Code	Description
CUFDIG303A	Produce and prepare photo images*
CUFDIG502A	Design web environments*
CUFMEM07A	Apply principles of visual design and communication to the development of a
CUFMEM10A	Design and create a multimedia interface*
ICPPP311B	Develop a detailed design concept*

Elective Units - Animation

Code	Description
CUFANM01A	Develop and implement designs for animation
CUFANM301A	Create 2D digital animation*
CUFANM302A	Create 3D digital animation*
CUFIMA05A	Create 3D digital models and images*

Elective Units – Games Development

Code	Description
CUFDIG504A	Design games
ICAA4058B	Apply skills in object-oriented design*
ICAB4075B	Use a library or pre-existing components*
ICAB4219B	Apply introductory object-oriented language skills*
ICAB5223B	Apply intermediate object-oriented language skills*
ICAB5226B	Apply advanced object-oriented language skills
ICAT4242B	Perform unit test for a class*

Elective Units - Website

Code	Description
CUFDIG504A	Design games
ICAA4058B	Apply skills in object-oriented design*
ICAB4075B	Use a library or pre-existing components*
ICAB4219B	Apply introductory object-oriented language skills*
ICAB5223B	Apply intermediate object-oriented language skills*
ICAB5226B	Apply advanced object-oriented language skills
ICAT4242B	Perform unit test for a class*
CUFDIG504A	Design games

Elective Units – Multimedia Development

Code	Description
CUFDIG302A	Author interactive sequence
CUFDIG501A	Coordinate the testing of interactive media products*
CUFMEM10A	Design and create a multimedia interface*
CUFDIG505A	Design information architecture
CUFWRT07A	Write an interactive sequence for multimedia
CUFWRT601A	Write scripts*
ICPKN315B	Apply knowledge and requirements of the multimedia sector*

Elective Units – Digital and Video

Code	Description
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CUFCAM01A	Set up and operate a basic video camera*
CUFCAM03A	Compose camera shots and operate a camera*
CUFCAM501A	Shoot material for screen productions under special conditions
CUFMEM13A	Incorporate, design and edit digital video*
ICPMM321B	Capture a digital image*
ICPMM346B	Incorporate video into multimedia presentations*

Elective Units - Communication

Code	Description
BSBPMG505A	Manage project quality
CUSADM07A	Establish and maintain work and contractual relationships
CUSGEN03A	Collaborate with colleagues in planning and producing a project
ICAS5102B	Establish and maintain client user liaison

Knowledge and Skills Gained

(This summary of employability skills that are typical of this qualification and should not be interpreted as definitive.)

- Communicating clear concepts and solutions to complex issues in an unambiguous manner to colleagues and clients
- Using plain English literacy and communication skills in relation to analysis, evaluation and presentation of information for example when negotiating with clients
- Using report writing skills for business, requiring depth in some areas, and analysis and evaluation of information, for example when developing supporting documentation
- Briefing design team members and allocating work roles to facilitate the orderliness and timeliness of the design process
- Participating in teams concerned with planning and evaluating the production of multimedia products
- Ensuring projects meet client specifications
- Resolving technical problems by re-designing or amending the brief in consultation with the client
- Making adjustments or recommendations to enhance the design according to the brief and in consultation with the client
- Transferring and applying theoretical concepts and/or technical or creative skills to a range of situations
- Designing the production cycle and project plan for a multimedia product
- Using project planning skills in relation to scope, time, cost, quality, communications and risk management for example when reviewing user requirements
- Taking personal responsibility and autonomy in performing complex technical operations or organising others
- Investigating and becoming conversant with current privacy legislation
- Providing learning and development opportunities for the project team
- Identifying technology needs, sourcing, purchasing, installing, configuring and testing multimedia components including software and hardware

Career Outcomes

Possible job titles relevant to this qualification include: Audio/Video Engineer, Contract Manager – Multimedia, Digital Media Specialist, Game Development Producer, Games Developer, Interaction Media Developer, Multimedia Authoring Specialist, Multimedia Designer, Multimedia Developer, Multimedia Developer/Engineer, Multimedia Producer, Multimedia Programmer, Multimedia Specialist Producer, PC Games Programmer, Project

Manager – Multimedia, PS2 Lead Programmer, Software Engineer Games, Software Support Engineer, Streaming Media Specialist, Web Designer.

Pathways

Individuals who successfully complete the Prime Learning Diploma of Information Technology (Multimedia) may wish undertake further studies in Information Technology.

For more details contact one of our course advisors on **1800 22 99 33**.

Assessment Information

Assessment is ongoing throughout the learning process to both gather data on attainment of competencies, and to provide learners with feedback on how they are progressing. For more details contact one of our course advisors on **1800 22 99 33**.

Enrolment Form

For further information contact one of our course advisors on **1800 22 99 33**, or visit our website for more details www.primelarning.com.au

Contact Information

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