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**GENERIC COMPUTING**  
**Design and assemble a multimedia  
computer application without scripting**

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<b>level:</b>	<b>3</b>
<b>credit:</b>	<b>3</b>
<b>final date for comment:</b>	December 2006
<b>expiry date:</b>	December 2007
<b>sub-field:</b>	Computing
<b>purpose:</b>	People credited with this unit standard are able to: describe the use of a multimedia authoring computer application without scripting; and design and assemble a multimedia computer application without scripting.
<b>entry information:</b>	Open. However, the credit value of this unit standard is based on a person having the prior knowledge and skills to operate a personal computer, such as those covered by Unit 2780, <i>Demonstrate and apply knowledge of a personal computer system</i> .
<b>accreditation option:</b>	Evaluation of documentation by NZQA.
<b>moderation option:</b>	A centrally established and directed national moderation system has been set up by NZQA.
<b>special notes:</b>	<ol style="list-style-type: none"><li>1 Definitions <i>Multimedia computer application</i> refers to an application created to a standard acceptable for use within an organisation rather than produced on a commercial basis for another organisation. <i>Scripting</i> refers to computer programming within multimedia applications.</li><li>2 The multimedia application must include sound, colour, graphics, video, animation, and user interaction.</li><li>3 Legislation relevant to this unit standard includes but is not limited to the: Health and Safety in Employment Act 1992, Copyright Act 1994, Privacy Act 1993, and their subsequent amendments.</li></ol>

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- 4 An assessment resource to support computing unit standards (levels 1 to 4) can be found on the NZQA website at <http://www.nzqa.govt.nz/providers/resources/index.html>.

### **Elements and Performance Criteria**

#### **element 1**

Describe the use of a multimedia authoring computer application without scripting.

#### **performance criteria**

- 1.1 The description outlines the steps to be followed, and justifies the tools selected to assemble multimedia computer applications without scripting.
- 1.2 The advantages and disadvantages of computer multimedia authoring applications without scripting are outlined and compared to other forms of multimedia.

#### **element 2**

Design a multimedia computer application without scripting.

#### **performance criteria**

- 2.1 The design identifies the topic, purpose and target audience.
- 2.2 The design uses the principles of effective communication for multimedia in the application.
- 2.3 The content of the application is consistent with its purpose and target audience.
- 2.4 The design identifies the hardware and software applications required to create and run the application.

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- 2.5 The plan for creating the application allows the cost and completion date to be estimated.

**element 3**

Assemble a multimedia computer application without scripting.

**performance criteria**

- 3.1 The function and content of the application are consistent with the design.
- 3.2 The application functions in the specified hardware or software environment.
- 3.3 The application is easy to use and attractive to the target audience.
- 3.4 The use of computer images complies with the laws of New Zealand with regard to copyright and privacy.

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**Comments on this unit standard**

Please contact NZQA National Qualifications Services [nqs@nzqa.govt.nz](mailto:nqs@nzqa.govt.nz) if you wish to suggest changes to the content of this unit standard.

**Please Note**

Providers must be accredited by the Qualifications Authority or a delegated inter-institutional body before they can register credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be accredited by the Qualifications Authority before they can register credits from assessment against unit standards.

Accredited providers and Industry Training Organisations assessing against unit standards must engage with the moderation system that applies to those standards.

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Accreditation requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP also includes useful information about special requirements for providers wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

This unit standard is covered by AMAP 0226 which can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.