



**Australian Government**

# **Assessment Requirements for ICTWEB442 Produce interactive web animation**

**Release: 1**

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## Modification History

| Release   | Comments                                                                                                     |
|-----------|--------------------------------------------------------------------------------------------------------------|
| Release 1 | This version first released with ICT Information and Communications Technology Training Package Version 6.0. |

## Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- produce a web animation according to functionality and web document requirements.

In the course of the above, the candidate must:

- determine animation and online advertising requirements
- design interactive animations including gif replacements
- meet industry standard website advertising specifications
- create web page and advertising application animations
- publish animations to web environment and confirm compatibility with at least two browsers and at least two devices
- confirm web animation is cyber safe and secure according to cyber security protocols and procedures
- document actions performed and seek approval.

## Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- web animation programming concepts including:
  - acceptable asset importing formats
  - component libraries
  - cross-browser issues
  - importing and exporting libraries
  - inserting published work to a hypertext markup language (HTML)
  - masking
  - movements and automated movements

- publishing completed work to an acceptable web format
- shape animation and manipulation
- symbols
- text manipulation
- transparencies
- programming control structures, object-oriented programming including:
  - buttons
  - scripting using programming language
- internet technology, including selecting required scripting type
- principles of web parameters analysis and animations design
- methods and attributes of animation and how it enhances website
- web animation testing and debugging methodologies
- organisational and cyber security protocols and procedures
- industry requirements in online advertising.

## Assessment Conditions

Skills in this unit must be demonstrated in a workplace or simulated environment where the conditions are typical of those in a working environment in this industry.

This includes access to:

- a development environment
- the internet
- required hardware and digital devices
- browsers
- a website
- required web design software.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

## Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2>