Student Assessment Guide

National Code: ICA40311 Training Package: ICA11
Qualification: 10315 Certificate IV Web Based technologies
Stream : Clientside Scripting Lime

Unit Code	Unit Name	Grading
1. ICAWEB408A	Ensure basic website security	AC/NYC
2. ICAWEB411A	Produce basic client side script for dynamic web pages	AC/NYC
3. ICAWEB412A	Produce interactive web animation	AC/NYC

Teacher: Helen Palombo

Declaration

1. *I certify that this will be my own work, based on my own personal study and research.*
2. *I will put my full name on all work submitted*
3. *I have read and understand the instructions for this assessment process*
4. *I have read the performance criteria*
5. *I have read information about the appeals process*
6. *I have acknowledged all material and sources used in the preparation for this assessment*

You will be asked to sign your acknowledgement of the above declaration.

Critical Aspects

Learners must demonstrate competence according to the critical aspects of evidence and performance criteria to a level accepted by industry. The learner must be able to demonstrate:

ICAWEB408A   Ensure basic website security

- identify password protection solutions
- install and maintain intrusion detection system
- manage protocol security.

The result AC / NYC – Achieve Competence/ Not Yet Competent respectively.

ICAWEB411A   Produce basic client side script for dynamic webpages

- produce basic client server-side scripts for dynamic web pages
- confirm successful viewing of the active elements or objects across different platforms.

The result AC / NYC – Achieve Competence/ Not Yet Competent respectively.

ICAWEB412A   Produce interactive web animations

- design and create interactive animation for advertising, following current industry standards
- design and create interactive animation to enhance the professionalism or entertainment value of a website.

The result AC / NYC – Achieve Competence/ Not Yet Competent respectively.

Version: 1.1 Teacher: Helen Palombo
North Sydney Institute of TAFE Hornsby Campus
StudentAssessmentGuide_ClientsideScriptingL132V1

Page 1 of 5
Created: 22/07/2013
Date last reviewed: 22/07/2013

APPEALS PROCESS: Your results will be checked before you receive your Transcript of Academic Record. You may also request a review of your results if you have a valid reason to question them. If you have questions or concerns about any results you receive contact your Teacher or Head Teacher. If unavailable, contact the Student Records Office on 02 9472 1515 at the College Administration Office within three weeks of receiving your results.

RECOGNITION OF PRIOR LEARNING:

You may be granted recognition if the knowledge and skills you gained from previous study, work and/ or life experience are deemed equivalent to the knowledge and skill outcomes of a unit/ module in your current course. RPL is granted on a case by case basis in situations where TAFE NSW has not negotiated an arrangement that determines if this study, work and/ or life experience can be accepted for Recognition.

If you are granted RPL the target module/ unit is reported on your Transcript of Academic Record as "BY ADVANCED STANDING" but you will not get a grade or mark for that unit/ module.

You should apply for RPL by providing details on the "Enrolment Adjustment - Recognition - Recognition of Prior Learning (RPL)" form under the heading "Justification".

LEARNER SUPPORT
Inform your teacher if you have special needs regarding the completion of course requirements. Students who require support to meet their learning goals may co-enrol in the Learner Support course (TAFE Course Number 9999). Talk to your teacher if you think you may require learner support.

Assessments

Assessment Description	Week No	1. ICAWEB408A Ensure basic website security	2. ICAWEB411A Produce basic client side script for dynamic web pages	3. ICAWEB412A Produce interactive web animation
Javascript Intro	8		20%	
Form Validation	11	10%	20%	
Dynamic HTML	14		40%	60%
Project jQuery	17			20%
Project	18	10%	20%	20%
Results		20% **	100%	100%

** Where a unit above does not show 100% the remaining percentage will come from other streams.

All assessments will be discussed in further detail at the relevant time an overview is shown below.

Javascript Intro

After an eight week introduction to Javascript, a practical assessment will be conducted to gauge your ability to program and debug. This assessment will contain elements from the previous eight weeks exercises and revisions.

Version: 1.1 Teacher: Helen Palombo
North Sydney Institute of TAFE Hornsby Campus
StudentAssessmentGuide_ClientsideScriptingL132V1

Page 2 of 5
Created: 22/07/2013
Date last reviewed: 22/07/2013

Form Validation

Form validation is a practical assessment to validate html form elements. Students will be required to use Javascript to gauge their ability to program and debug scripts. The assessment will be based on class exercises and revisions which will be provided prior to the assessment.

Dynamic HTML

Dynamic HTML gives programmers the ability to create a range of features which make the user experience dynamic (interactive). This will be a practical assessment. Students will be required to use Javascript to gauge their ability to program interactive HTML using Javascript. The assessment will be based on class exercises and revisions which will be provided prior to the assessment.

Project jQuery

Students are required to complete an in-class project to gauge their competency in integrating jQuery scripts into webpages for dynamic (interactive) functionality.

Major Project

As part of the course major project website, students will validate a web form using Javascript and integrate jQuery plugins'.

Marking Guide
A marking guide will be provided with each assessment.

Results
Results will be based on the test and project marks achieved:

Not yet competent (NC)

The learner **does not satisfy** all elements specific to the unit, the essential knowledge and skills and the critical aspects of assessment. The learner **needs to demonstrate additional skills and knowledge** to achieve competency. Less than half marks or sections completely missing

Competent (AC)

Has completely reached the academic and work based standards expected. Can function independently in a limited range of contexts. Work is rule based with some translation and interpretation of concepts to meet situational factors unless aided. At least half marks and each section attempted.

Version: 1.1 Teacher: Helen Palombo
North Sydney Institute of TAFE Hornsby Campus
StudentAssessmentGuide_ClientsideScriptingL132V1

Page 3 of 5
Created: 22/07/2013
Date last reviewed: 22/07/2013

Student Information -

The following tables outline the Elements of competence that you are to acquire in the program and the Performance Criteria on which your assessments will be based.

ICAWEB408A   Ensure basic website security

Competency Elements	Performance criteria
1. Determine business security requirements	1.1 Identify level of security required based on the business and commercial intent of the website 1.2 Identify whether password protection is needed for the site or part of the site 1.3 Decide minimum or maximum password protection solutions based on **business requirements**
2. Ensure web server security	2.1 Ensure that web **server** password is obscure and non-traceable 2.2 Install and maintain an effective **intrusion detection system** according to business requirements 2.3 Ensure that **user** accounts have only the required permissions on the server 2.4 Ensure that interpreters' programs that run common gateway interfaces (CGIs) are not stored in the CGI-bin directory 2.5 Ensure that web forms check data before passing it to the server
3. Ensure protocol security	3.1 Protect fixed internet **connection** and internet protocol (IP) address 3.2 Protect shared **network** resources from intrusion according to business requirements 3.3 Ensure that personal computer (PC) protocols and preferences follow **security protocols** 3.4 Disable control protocol or internet protocol (TCP/IP) bindings for file and printer sharing 3.5 Ensure that network basic input/output system (NetBIOS) over TCP/IP is disabled

ICAWEB411A   Produce basic client side scripting for dynamic webpages

Competency Elements	Performance criteria
1. Analyse requirements for web documents	1.1 Determine necessary dynamic functionality of the **web document** 1.2 Determine appropriate **language** to achieve that functionality 1.3 Determine web document requirements
2. Design and produce web documents	2.1 Design web document and embedded scripts to achieve required functionality 2.2 Write simple hypertext markup language (HTML) considering **accessibility** 2.3 Write embedded scripts 2.3 Establish that security and backup procedures are articulated and meet business needs

Version: 1.1 Teacher: Helen Palombo
North Sydney Institute of TAFE Hornsby Campus
StudentAssessmentGuide_ClientsideScriptingL132V1

Page 4 of 5
Created: 22/07/2013
Date last reviewed: 22/07/2013

	3.1 Test web document against required functionality, and reiterate until correct
3. Test scripts and debug	3.2 Complete *documentation* and submit to *appropriate person* for approval

ICAWEB412A Produce interactive web animations

Competency Elements	Performance criteria
1. Analyse project requirements	1.1 Determine the necessary dynamic functionality of the animation to be included inside web document 1.2 Determine the appropriate language to achieve that functionality 1.3 Determine web document requirements 1.4 Research and evaluate current requirements for online advertising with major agencies and websites
2. Design web animations	2.1 Design *web document* and *animations* to enhance the page 2.2 Design *advertisements* to promote the web page within a website 2.3 Design advertisements to promote the web page on externally hosted paid advertising 2.4 Design advertisements that meet current website advertising specifications for size, number or loops, sound and buttons 2.5 Design and create gif replacements for animation as per major advertising agency requirements 2.6 Design animations for a website that will add to the overall professionalism or entertainment value of a website
3. Produce animations	3.1 Produce web animations for web pages 3.2 Produce web animations for external advertising 3.3 Produce web animations for internal website advertising 3.4 Produce web animations for a website that enhance the overall professionalism or entertainment value of the website 3.5 Test and debug scripts against required functionality and reiterate until correct
4. Publish animations	4.1 Publish animations in acceptable web format 4.2 Incorporate web animations into a hypertext markup language (HTML) page 4.3 Complete documentation and submit to *appropriate person* for approval

Version: 1.1 Teacher: Helen Palombo
North Sydney Institute of TAFE Hornsby Campus
StudentAssessmentGuide_ClientsideScriptingL132V1

Page 5 of 5
Created: 22/07/2013
Date last reviewed: 22/07/2013