Qualification national code and title	ICT540315 Certificate IV in Web-Based Technologies AWE7
Unit/s national code/s and title/s	AUP86 - ICTWEB411 Produce basic client-side script for dynamic web pages AUP94 - ICTWEB417 Integrate social web technologies

Assessment 2: Major Project

Assessment type (☑):

☐ Questioning (Written)
☐ Practical Demonstration
☐ 3rd Party Report
☒ Other – Project/Portfolio (*please specify*)

Assessment Resources:

Access to Blackboard Cluster – Front-end Development - Scripting

Assessment Instructions:

Assessment Time

See Learning Plan for details. This is the Major Project to complete for Assessment 2

Assessment Due Date

Session 18 – 21st June 2019.

Part of the Unit being assessed

AUP86 - ICTWEB411 Produce basic client-side script for dynamic web pages
Element 1 Analyse requirements for web documents
Element 2 Design and produce web documents
Element 3 Test scripts and debug

AUP94 - ICTWEB417 Integrate social web technologies
Element 1 Analyse specifications and requirements
Element 2 Develop code and documentation
Element 3 Validate integration

Assessment Instructions

Create a website where the use of JavaScript is implemented for manipulating the Document Object Model and integrating social media;
All skills must be demonstrated to achieve a satisfactory result;
Please submit using through blackboard submission box;
Ensure you have used the required template for your assessment;

Government of **Western Australia**
North Metropolitan **TAFE**

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Assessment Instrument:

Assessment 2: Major Project

Create a website where the use of JavaScript is implemented for manipulating the Document Object Model and integrating social media.

The project will cover documents that have the basics in the JavaScript language syntax, code layout, use of standard algorithms, user-defined data-structures, documentation and testing. These Techniques should be applied to your chosen project scenario. You will submit your individual work for this assignment.
A. Process

1. After receiving your website brief from your client, determine what functional features you will use JavaScript to implement. Use the following list to guide you. This list is not exhaustive nor is it meant to be restrictive. It is a guide.

   - Form validation
   - A Slideshow, or carousel
   - A calculator
   - A calendar
   - A sortable or filtered table with hide and shows functionality of individual columns or rows

2. You will also determine what social media your client requires to be integrated into their website and advise them of what would work best for them.
3. Provide an explanation of the benefits and negative aspects of the social media you would recommend to them
4. Create a social media guideline for your client detailing what would be the indicators of a successful implementation of social media
5. In your website design integrate social media and your JavaScript functionality so that is does not distract from the overall design yet is a part of it.
6. Implement your chosen JavaScript functionality by creating the code required, customising the HTML/CSS as needed, Debug, document and test as you go, keeping a record of what was done.
7. Integrate you two chosen ways for the social media into the site, Debug/validate, document and test as you go keeping a record of what was done,
8. Once you have completed the implementation of your JavaScript Functionality as well as the integration of the chosen social media,

   - Test in at least two different browsers
   - Show your client and gain sign-off for your part. Use the attached sheet for this.

9. Submit your files for this task as a compressed (zipped) file and/or upload. Provide extra information in the submission textbox along with your website url where this task can be viewed online.

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Assessment # and title	Assessment 2: Major Project
Lecturer name	Tony Evans
Student name	
Student ID number	
Telephone contact number	Email:

By completing and submitting this signed form to my lecturer, I am stating that:
   a. The attached submission is completely my own work
   b. I have correctly cited all sources of information used in this work (if required)
   c. I have kept a copy of this assessment (where practicable)
   d. I understand a copy of my assessment will be kept by the NMTAFE for their records
   e. I understand my assessment may be selected for use in the NMTAFE's validation and audit process to ensure student assessment meets requirements

Student Signature		Date	

Assessor please note: **Where verbal clarification has been sought from a student to gather additional assessment evidence from an assessment item, question/s and response/s must be recorded, signed, and dated by the assessor, against the relevant assessment item/s.**

Submission 1 ☐ **Assessment Result Satisfactory / Not Yet Satisfactory** *(please circle)* **Date:** _____

To satisfy requirements for this assessment, you need to complete the following:

Question No.	Answer the following Questions	D or NYD
1	Determine what functional features you will use JavaScript to implement into the client website	☐
2	Determine what social media the client requires to be integrated into their website and advise them of what would work best for them.	☐
3	Provide an explanation of the benefits and negative aspects of the social media you would recommend to the client	☐
4	Create a social media guideline for a client detailing what would be the indicators of a successful implementation of social media	☐
5	Integrate social media and JavaScript functionality so that is does not distract from the overall design yet is a part of it.	☐
6	Implement chosen JavaScript functionality by creating the code required, customising the HTML/CSS as needed, Debug, document and test, keeping a record of what was done.	☐
7	Integrate two chosen ways for the social media into the site, Debug/validate, document and test as you go keeping a record of what was done.	☐
8	Test in at least two different browsers and show client for sign-off.	☐

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Submission 2 ☐ **Assessment Result Satisfactory / Not Yet Satisfactory** *(please circle)* **Date:** _____

To satisfy requirements for this assessment, you need to complete the following:

Student Feedback

Lecturer Signature: Tony Evans _____   **Student Signature:** _____