Government of Western Australia
North Metropolitan TAFE

Learning and Assessment Plan

This learning and assessment plan outlines how this unit or cluster of units will be delivered and assessed. The schedule of learning topics, assessments and the due date for assessments is included.

Qualification National Code & Title	**ICT50220 Diploma of Information Technology (Back End Web Development)**
Delivery Period	**Semester 1 2023**
Cluster Title (if applicable)	**Customise CMS**

Unit/s National & WA Codes	**Title of Unit/s**
OBS15 ICTWEB513	Build dynamic websites
OBS14 ICTWEB514	Create dynamic web pages
OBS09 ICTWEB521	Customise complex ICT content management systems
You can access the full unit/s of competency here *www.training.gov.au*	
Delivery Location/s Campus/Room/Online	Northbridge Campus – See Office 365 Timetable for Room and Time Online - https://blackboard.northmetrotafe.wa.edu.au

Student Learning Resources, Text, Equipment (Required/Optional)

Required Text Editor (at least one of):

- Visual Studio Code, for both PC and Mac
- Notepad ++
  - Sublime is an alternative for mac.
  - Brackets is also available for Mac as well as PC.
- PhpStorm is available for both Mac and PC.

Browser at least 3 of the following–

- Browser with Developer Tools:
- Google Chrome for Mac or PC – Latest version.
- Firefox – Latest version – **Preferred Browser**,
- Edge – Latest version,
- Safari - Latest version

Laragon, XAMP, LAMP or MAMP installation;

Blackboard Shell: blackboard.northmetrotafe.wa.edu.au Cluster – Customise CMS

College to supply: Blackboard Shell blackboard.northmetrotafe.wa.edu.au

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Lecturer Name	Phone	College Email	Contact Times	Campus / Room
Anthony Evans	9427 1014	anthony.evans@nmtafe.wa.edu.au	Appointment available on request	TBA

Assessment Summary

Assessment	Assessment Title	Due Date
Assessment 1	Task 1: Create your own child theme in WordPress Task 2: Create your own theme in WordPress	Session 5 Session 10
Assessment 2	Project – Real life client Project(s)	Session 17

You will receive more detailed instructions on each assessment in the Assessment Tools. Ask your lecturer for any detail if required.

The regular learning requirements to develop the skills and knowledge for this unit are outlined below. Please refer to your timetable for session times.

Please note: This plan is to be used as a guide and may be adapted to meet the needs of students. You will be notified of changes as they occur.

Your training will include **structured in and out of class activities*** to be completed for this unit

Out of class activities may include (☑)

☑ lectures or tutorials, online tasks and forums	☑ workshop activities
☑ assessments (when integrated with learning)	☑ projects, assignments
☐ workplace experience	☑ prescribed follow-up activities
☑ prescribed reading and research	☐ other (please specify)

Sessions (Hours)		Element number	Topic	Learning Resources*	Structured out of class activities*	
Session	Hrs				Activity	Hrs
1	5		**Session 1 : Planning, Analysing & Proposing** **Orientation / Introduction** • Introduction to cluster, Assessment requirements, participation requirements. prepare	**Video** What is WordPress? Plugin 1 – WordPress and Project Management Plugin 2 – WordPress and	Review Blackboard content. **Activity** Why WordPress	2

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			your work environment, text editor, ftp software Welcome to Customise CMS! Where to start: • Revisit the lifecycle of a project - specifically using WordPress. • learn to break up your work for a project using WordPress. • start on discovery of required functionality according to business requirements. • Understand the WordPress environment and requirements. • Install WordPress - part 1	Project Management Hide Details **Websites** Installing WordPress First 5 Steps The Art of Estimation Building a development matrix **Reading** Breaking down your Project Terms you should know		
2	5	ICTWEB521 e-1 ICTWEB514 e-1 ICTWEB513 e-1,2	**Session 2: Functionality & User Experience Part 1** In this session you will be: • organising content • identifying and prioritising features by looking at modules/distribution that will accomplish the functionality required. • understand users of the site and how they may use the site. **Session 2: Functionality & User Experience Part 2** In this session you will create and finalise: • content plan • sitemap • wireframes • Using industry processes	**Reading** Top 10 Mistakes in Web Design User Preferences Organising Content Reading Feature Prioritisation Content Strategy Principles **Website** How to Run a Creative Design Process for A Big Project Best Practice vs. Reality: How to Create Amazing Websites Under Un-Amazing Circumstances.	Review Blackboard content. Work on Assignment 1	2
3	5	ICTWEB521 e-1,2 ICTWEB514 e-1,2	**Session 3: Themes and Child themes** • where to look for themes	**Pdf** WordPress Themes.pdf	Review Blackboard content.	3

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		ICTWEB513 e-1,2		• installing themes • theme components • child themes • online documentation and support	How to work with Child Themes – Parts 1, 2 and 3.pdf **Websites** WordPress – Theme Handbook – Child themes CSS Coding Standards The New Gutenberg Editing Experience **Video** How to work with Child Themes Chrome Development tools Understanding Template Files	Work on Assignment 1	
4	5	ICTWEB521 e-1 ICTWEB514 e-1 ICTWEB513 e-1,2		**Session 4: Child Themes – the next step** • Loops • functions.php • Hooks • Actions	**Websites** WordPress Loops explained Modifying a child theme and using functions.php **Pdf** The Beginner's Guide to WordPress Actions and filters.pdf The WordPress Loop Explained for Beginners.pdf WordPress Actions, Filters, and Hooks.pdf Child Themes and Modular CSS.pdf **Video** WordPress and Loop Basics	Review Blackboard content. Work on Assignment 1	4

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| | | | | Using the functions.php file

Scripting in functions.php

Scripting in functions.php Part 2

Blackboard Session 4 | | |
|---|---|---|---|---|---|---|
| 5 | 5 | ICTWEB521 e-1
ICTWEB514 e-1
ICTWEB513 e-1,2 | **Session 5: Widgets and Plugins**

• Introduction to widgets
• Creating your own widget
• Extending default widgets
• Introducing and installing plugins

Due Assessment 1: Task 1 - Create your own child theme in WordPress

Please allow 6 hours to complete this assessment. | **Websites**
Widget Areas

Pdf
Widgets and Plugins.pdf

Video
Creating a Widget in WordPress - part 1

Creating a Widget in WordPress - part 2 | Review blackboard content.

Work on Assignment 1 | 5 |
| 6 | 5 | ICTWEB521 e-1,2
ICTWEB514 e-1,2
ICTWEB513 e-1,2 | **Sessions 6-8 - Creating your own themes item options.**

• Working with themes
• WordPress Theme Handbook
• Creating your own themes
• Videos
• VIDEO - Underscores and WordPress
• VIDEO - Underscores and WordPress continued...
• VIDEO - Intro to Bones Starter Theme
• VIDEO - Working with BONES part 1.
• VIDEO - BONES up and running part 2.
• VIDEO - WordPress and SASSVIDEO - ZURB Foundation and WordPress
•VIDEO - How to Make a WordPress | **PDF**
WordPress Themes

Build your own Wicked WordPress Themes

Putting it all together: Foundation, SASS and WordPress

Migrating your site to a LIVE site

Zip Files
Bare bones theme for your WordPress site - with SASS WordPress and the RESPONSIVE theme

Foundation framework for your | Review blackboard content.
Review class lessons
Assessment 1 Task 2 | 2 |

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			Website - 2015The final steps	WordPress site - with SASS **Videos** Underscores and WordPress Underscores and WordPress continued... Intro to Bones Starter Theme Working with BONES part 1 BONES up and running part 2. WordPress and SASSVIDEO - ZURB Foundation and WordPress How to Make a WordPress Website - 2015The final steps?		
7	5	ICTWEB521 e-3 ICTWEB514 e-2,3 ICTWEB513 e-3,4	**Sessions 6-8 - Creating your own themes item options.** • Building your own theme • Foundation and Bones	**PDF** WordPress Themes Build your own Wicked WordPress Themes Putting it all together: Foundation, SASS and WordPress Migrating your site to a LIVE site **Zip Files** Bare bones theme for your WordPress site - with SASS WordPress and the RESPONSIVE theme Foundation framework for your WordPress site - with SASS	Review blackboard content. Review class lessons Assessment 1 Task 2	2

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				Videos Underscores and WordPress Underscores and WordPress continued... Intro to Bones Starter Theme Working with BONES part 1 BONES up and running part 2. WordPress and SASSVIDEO - ZURB Foundation and WordPress How to Make a WordPress Website - 2015The final steps		
8	5	ICTWEB521 e-3 ICTWEB514 e-2,3 ICTWEB513 e-3,4	**Sessions 6-8 - Creating your own themes item options.** • Building your own theme • Foundation and Bones	**PDF** WordPress Themes Build your own Wicked WordPress Themes Putting it all together: Foundation, SASS and WordPress Migrating your site to a LIVE site **Zip Files** Bare bones theme for your WordPress site - with SASS WordPress and the RESPONSIVE theme Foundation framework for your WordPress site - with SASS **Videos**	Review blackboard content. Review class lessons Assessment 1 Task 2	3

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				Underscores and WordPress Underscores and WordPress continued... Intro to Bones Starter Theme Working with BONES part 1 BONES up and running part 2. WordPress and SASSVIDEO - ZURB Foundation and WordPress How to Make a WordPress Website - 2015The final steps		
9	5	ICTWEB521 e-3 ICTWEB514 e-2,3 ICTWEB513 e-3,4	**Sessions 9 – Open session**		Review blackboard content. Review class lessons Assessment 1 Task 2	4
10	5	ICTWEB521 e-1-3 ICTWEB514 e-1-3 ICTWEB513 e-1-4	**Sessions 10 – Planning with your Client.** **Due** **Assessment 1: Task 2 - Create your own theme in WordPress** **Please allow 7 hours to complete this assessment.**		Review blackboard content. Review class lessons Assessment 1 Task 2	6
			Mid Semester Break – One Week			
11	5	ICTWEB521 e-1-3 ICTWEB514 e-1-3 ICTWEB513 e-1-4	**Sessions 11-16: Working on your Client Project in class**		Review blackboard content. Review class lessons Assessment 2	2
12	5	ICTWEB521 e-1-3 ICTWEB514	**Sessions 12-16: Working on your Client Project in class**		Review blackboard	2

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		e-1-3 ICTWEB513 e-1-4			content. Review class lessons Assessment 2	
13	5	ICTWEB521 e-1-3 ICTWEB514 e-1-3 ICTWEB513 e-1-4	**Sessions 13-16: Working on your Client Project in class**		Review blackboard content. Review class lessons Assessment 2	2
14	5	ICTWEB521 e-1-3 ICTWEB514 e-1-3 ICTWEB513 e-1-4	**Sessions 14-16: Working on your Client Project in class**		Review blackboard content. Review class lessons Assessment 2	2
15	5	ICTWEB521 e-1-3 ICTWEB514 e-1-3 ICTWEB513 e-1-4	**Sessions 11-16: Working on your Client Project in class**		Review blackboard content. Review class lessons Assessment 2	3
16	5	ICTWEB521 e-1-3 ICTWEB514 e-1-3 ICTWEB513 e-1-4	**Sessions 16: Working on your Client Project in class**		Review blackboard content. Review class lessons	4
17	5	ICTWEB521 e-1-3 ICTWEB514 e-1-3 ICTWEB513 e-1-4	**Sessions 17: Working on your Client Project in class** **Due Assessment 2: Project – Real life client Project** **Please allow 7 hours to complete this assessment.**		Review blackboard content. Review class lessons Assessment 2	6
18	5		**Sessions 18** Assignment Re-submit if needed		Assignment 2	2
19	5		**Sessions 19** Assignment Re-submit if needed		Assignment 2	2

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20	5		**Sessions 20** Results Entry			2
Total Hours	**100**				**Total hours out of class activities**	60
Total amount of training for this unit:						160

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Recognition of Prior Learning (RPL) / Credit

You may be eligible for Recognition of Prior Learning (RPL) / Credit towards your studies If you have relevant existing skills, knowledge, or formal qualifications. Please discuss available options with your lecturer.

Reasonable Adjustment

We recognise that every student has different learning styles and needs. Please let your lecturer know if there is anything that may have an effect on your learning so they may be able to adjust your plan.

Results and Appeals

Students may lodge an appeal against an academic result. Appeals must be lodged within four weeks of the date of your statement of academic record being issued. Please contact the Student Experience Team relevant to your portfolio area.

Absences

If you are unable to attend any class or assessment session you must inform your lecturer as soon as possible.

If you miss an assessment due to illness, please provide your lecturer with a medical certificate in order to negotiate an alternate time for the assessment.

Plagiarism

Plagiarism is using another person's ideas and words without clearly acknowledging the source of the information. It is not acceptable to submit an assessment that is based on another person's work and claim it as your own. If you submit an assessment that is significantly or recognizably the same or similar in content as submitted by another student (current or past) you may have to submit another assessment.

Assessment Resit/Resubmission

You shall be permitted to have at least two attempts to demonstrate competency against a unit of competency or cluster of units of competency.

To qualify for re-assessment:

- you must have made a reasonable attempt to complete the assessment satisfactorily

    AND

- you must have submitted the original assessment by the due date

    OR

- you must have attended and participated in the original assessment event

In the case of a re-assessment opportunity, your lecturer will give you a due date for your second attempt. Should you not achieve a Satisfactory result on the second attempt, you will need to re-enroll (R) in the unit.

Be aware, in certain situations there are limited reassessment options (such as one-off Performances and Exhibitions).

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