

**Te Hoe Hōkai Pakihi**

**Department of Creative Arts and Digital Technologies**

**Bachelor of Information and Communication Technologies**

**Graduate Diploma in Information and Communication Technologies**

Course outline for

# **Web Development**

## **BCDE215**

**Semester One, 2023**



## Kōrero whakatuwhera - Introduction

This outline contains important information about the delivery and assessment of this course. Read it carefully and if there is anything you do not understand please ensure you ask a staff member listed below for clarification.

Please refer to your **programme handbook** for all programme related information, for example programme structure and regulations, grade scale and assessment regulations.

<https://myara.ara.ac.nz/pages/student-admin/programme-information>

## Kā pouako – Academic staff

Name	Role	Phone	Office	Email address
Dr Christopher Bartlett	Lecturer	03 940 7500	S168	Christopher.Bartlett@ara.ac.nz
Mehdi Asgarkhani	Academic Manager	04 940 8126	N122	Mehdi.Asgarkhani@ara.ac.nz

Please email your tutor directly to organise an appointment.

## Wātaka - Timetable

- Timetable information is available to all learners through <https://myara.ara.ac.nz> Calendar & Timetable.
- Noticeboards – Ground floor N Block and Level 2 S Block

## Kā rauemi kia tirohia – Required texts and resources

- Learning and Study Resources – to assist you in your study  
<http://www.ara.ac.nz/services-and-support/library>
- Moodle – for course resources  
<https://moodle.ara.ac.nz>

## Kā Pukapuka Āwhina Tauira / Reference to Student Handbooks

We recommend that you read your Programme handbook in conjunction with the Student Information Handbook (available on [MyAra](#)) which has more detailed information about support and services available to learners at Ara.

# Whakamāramataka – Course schedule

## Web Development

BCDE215

<i>Credits</i>	15	<i>Level</i>	6
<i>EFTS</i>	0.1250	<i>Grade Scale</i>	G29aa
<i>Notional Learning Hours</i>	150	<i>Work Integrated Learning</i>	30
<i>Effective from</i>	January 2019	<i>Date of this version</i>	May 2018
<i>Pre-requisites</i>	Nil		
<i>Co-requisites</i>	Nil		

### Aim

To enable students to develop and administer moderately complex websites.

### Learning outcomes

On successful completion of this course, the student will be able to:

- 1 Demonstrate technical responsibility for all stages and/or iterations in a website development project.
- 2 Use agreed standards, tools and specifications to build a website and achieve a well-engineered result.

### Indicative curriculum

- HTML
- Advanced CSS
- CSS preprocessors
- HTML/CSS frameworks
- Content management systems
- Web server administration
- Usability design
- Accessibility

### Assessment

<i>No</i>	<i>Assessment Type</i>	<i>Pass Criteria</i>	<i>Weighting</i>	<i>Outcomes Assessed</i>
1	Practical Assessment		25%	2
2	Portfolio	50%	75%	1, 2

*To pass this course, students must gain an average of at least 50% across all assessments, and gain at least 50% in Assessment 2.*

## Kā Aromatawai - Assessments

Assessment	Brief	Week of	Weighting
Practical Assessment	A practical test, testing aspects of learning outcome 2.	Monday 27 March 2023	25%
Portfolio	A portfolio of work, assessing learning outcomes 1 and 2.	Final due date: Friday 9 June 2023	75%

## Kā tūmahi aromatawai – Assessment tasks

Teaching staff will provide you with specific details of what is required for each assessment in advance of the due date. This information may be uploaded to the appropriate course area in Moodle or be given to you in the form of a handout. Staff may also provide additional information, advice and tips regarding assessments during timetabled class sessions, so you are encouraged to attend class regularly.

## Kā paearu – Assessment criteria / Marking schedule

Nearer the time of each assessment, teaching staff will provide you with information on the assessment criteria that will be applied and/or how marks will be awarded.

Read the up-to-date information on the BCDE215 Moodle site.

## Maramataka - Course schedule

Week	Commencing	Topic	Assessments
1	20 February	Course overview; HTML	
2	27 February	CSS	
3	6 March	CSS Layout	
4	13 March	Responsive web pages	
<b>No classes Monday 20 March – Otago Anniversary (Oamaru Campus ONLY)</b>			
5	20 March	Web frameworks	
6	27 March	Practical assessment	<b>Practical assessment</b>
7	3 April	Web server administration; web server & website security	
<b>No Classes Friday 7 April – Good Friday</b>			
<b>Term Break Monday 10 April – Friday 21 April</b>			
8	24 April	No class	
<b>No Classes Tuesday 25 April – Anzac Day</b>			
9	1 May	CMS, CRM & e-commerce systems	
10	8 May	Django web application	
11	15 May	Django web application	
12	22 May	Django web application	
13	29 May	Django web application	
<b>No Classes Monday 5 June – King's Birthday Holiday</b>			
14	5 June	Django web application	<b>Portfolio due: Friday 9 June</b>
15	12 June	Study Week	
16	19 June	Exam Week	
17	26 June	Exam Week	

**Note:** Learners will be notified in advance if there are any changes to the course schedule.