



FACULTY OF BUSINESS AND INFORMATION TECHNOLOGY

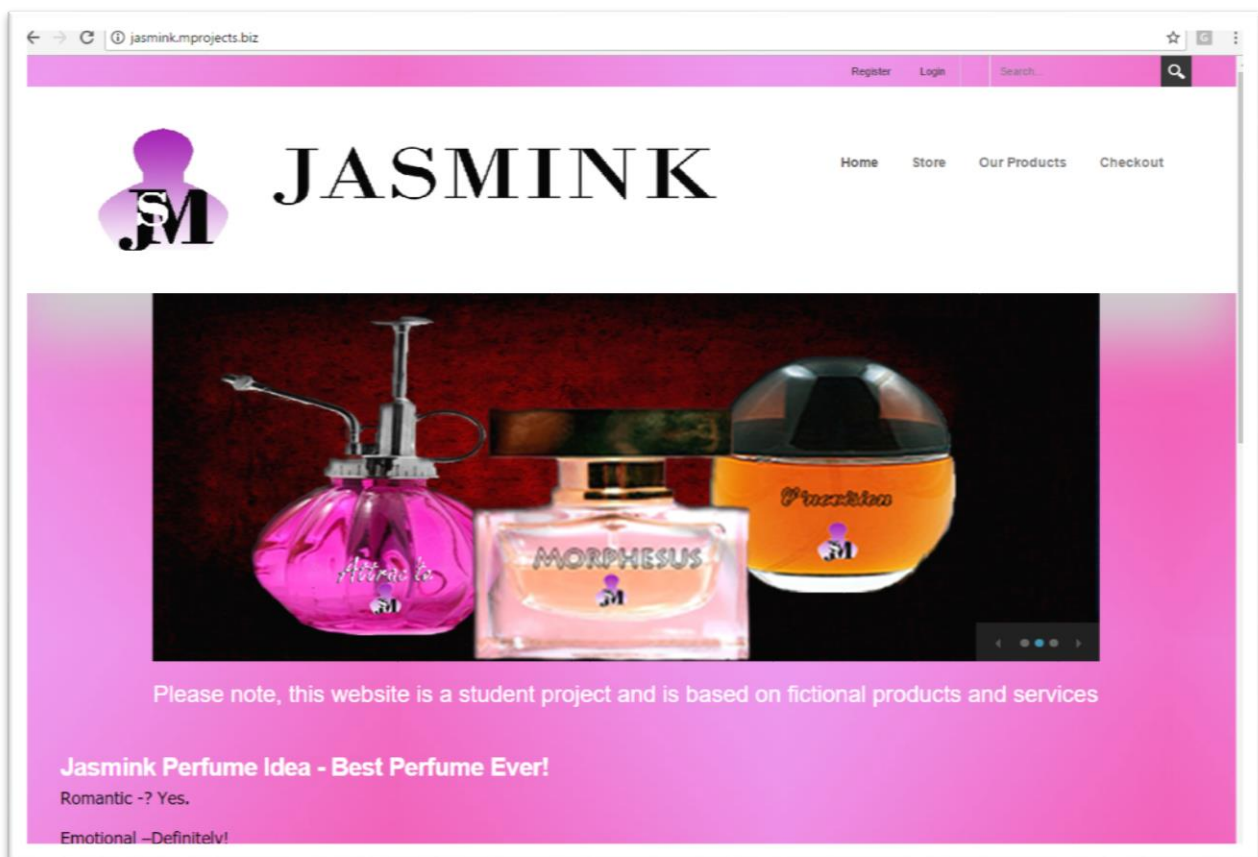
Te Wāhanga Whakaako Kaipakihi me te Hangarau Mōhihio

Course Outline - Quarter 2, 2017

502.525 - Front-End Web Development

... combined class with

566.683 – Website Development



Attribution:

Rameka, J., McCall, M., Hosking, S. (2014) *JASMINK Perfumes* [Student Assignment Website]

Retrieved from <http://jasmink.mprojects.biz>

Every effort is made to ensure that the outline is correct at the time of publishing, however the Faculty reserves the right to make changes that may be necessary.

Welcome to "Front End Web Development"

For additional information see:

- [Faculty of Business and Information Technology Student Handbook](#) which includes information about academic and assessment processes, concerns and complaints, students' rights and responsibilities, teaching and learning methods and student health and safety.

566.683 - "Website Dev .." - taught in combination with 502.525 "Front End Web Dev .."

- We run with "Front End .." as the master course of these 2. The "Canvas" website and other resources will refer to "Front End .." from now on.
- The 2 courses have similar Aims, Learning Outcomes and Content. We will all work together at following the "Full Stack" wording.
- "Front End .." is Level 5. "Website Dev .." is Level 6. Therefore some assessment elements will have 2 versions - with labels like "Front End.. Version" and "Web Dev .. Version". Provide responses for your version.

AIM

To build beautiful and responsive websites. Students are expected to understand the fundamentals of how the web works and gain a working knowledge of HTML, CSS, and JavaScript.

LEARNING OUTCOMES

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

1. Apply the fundamentals of responsive web design and JavaScript
2. Apply the fundamentals of web interface design using HTML and CSS
3. Implement visually rich interactive dynamic web applications and publish them
4. Test, debug, and correct web applications

GRADUATE OUTCOMES

(that must be mastered at some stage before you graduate, and that are developed within this course):

1. Demonstrate an understanding of analytical, technical and theoretical concepts of Information Systems with an additional specialist understanding in at least one major area.
11. Demonstrate an understanding of software development principles and programming languages
14. Implement software solutions for at least two software platforms (such as web, mobile, desktop, and/or cloud, etc.)

CONTENT

- HTML and CSS
- Page Navigation
- CSS frameworks such as Bootstrap
- Responsive web design fundamentals
- JavaScript and common JavaScript libraries eg jQuery
- HTML5 Canvas

LEARNING HOURS

Directed					Work integrated	Independent and Blended	Total
Lecture	Tutorial	Blended	Practical	Workshop			
48					0	102	150

TEXTBOOKS/RESOURCES RECOMMENDED FOR THIS COURSE ARE:

Ref. Canvas

BYOD (Bring Your Own Device)

A laptop is required for this course. For recommended minimum specifications visit

<http://www.manukau.ac.nz/about-us/our-faculties/business-and-information-technology/smart-campus-technology>

ACADEMIC STAFF CONTACT INFORMATION

Lecturers	Academic Office	Email	Phone number
John Calder (Course Co-ord)	L3	john.calder@manukau.ac.nz	09-9754612
Tim Long	L3	tim.long@manukau.ac.nz	
Programme Leader	Academic Office	Email	Phone number
Chris Mayhew	L3	chris.mayhew@manukau.ac.nz	975 4637

Lecturer availability: John Calder, Tim Long

Best to make an appointment. Email is the best contact method for John and Tim.

When not in L3 Academic, you can often find us in Lab 315.

John often works late which makes 5pm to 6pm a good time for an unscheduled talk.

CANVAS LEARNING MANAGEMENT SYSTEM

Canvas is MIT's online teaching and learning tool. It is available to you 24/7 and you will need to check it regularly for updates on your course information and to receive messages. You can access Canvas from your own device and any computer on campus for which you have a valid log-on by logging in at <https://canvas.manukau.ac.nz>

SUMMATIVE ASSESSMENTS

ITEM	% Weight	Learning outcomes assessed	Date	Submission Method
Practical Test 1	20	1,2	Wed of Week03	Canvas
Project - Create Website	50	1,2,3,4	Part A Midnight, Wed of Week04 Part B Midnight, Fri of Week06	Canvas
Practical Test 2	30	1,2,4	TBA (To be advised)	Canvas
TOTAL	100%			

Be professional about backup! You must keep a copy of all assessment materials which you submit to your lecturer.

TO PASS THIS COURSE YOU NEED TO:

Achieve 50% overall.

QUARTERS

The new 2017 teaching format “quarters” is designed to optimise your study time and support your success. Please find below the quarter dates for 2017

- Quarter 1: Monday 20 February 2017 - Friday 14 April 2017 (break 17 April - 5 May)
- Quarter 2: Monday 8 May 2017 - Friday 30 June 2017 (break 3 July - 21 July)
- Quarter 3: Monday 24 July - Friday 15 September 2017 (break 18 September - 6 October)
- Quarter 4: Monday 9 October - Friday 1 December 2017

Summer School in January gives you a fifth opportunity to enrol and accelerate your progress

COURSE MARKS

All course marks are available online via the Learner Portal:

<https://ebs4Portal-live.manukau.ac.nz>

They may also be available through Canvas. If you have any queries about course work marks you should discuss these with the lecturer or course co-ordinator. From 2017 all final grades will be published online only within 10 working days from the course end date.

AEGROTATS

Aegrotat provisions are intended to ensure students are not unfairly disadvantaged if, for specified circumstances beyond their control, they are unable to undertake an assessment or are impaired in the completion of an assessment. Aegrotat applications must be made within five working days of the date on which the assessment was due or the date of the test or examination. For further information refer to the [MIT Student Regulations](#) or go to the Faculty Reception, or phone the Faculty on 09 975 4564. Not all courses or assessments have aegrotat provisions.

INFORMATION ABOUT COURSE ATTENDANCE

If for some reason you are unable to continue with your course of study, please contact the Programme Leader immediately.

If you do not attend classes for the first three weeks, all reasonable efforts will be made to contact you to determine whether you wish to be withdrawn. If you do not respond to these efforts, you may be deemed to have withdrawn. In exceptional circumstances your enrolment status may be reviewed at the discretion of the Programme Leader.

Please make yourself aware of the Institute’s Withdrawal and Transfer policy to find out if you are entitled to a refund, part refund, or no refund of fees. It is your responsibility to be familiar with these regulations. A full copy of the policy may be viewed online [MIT Student Regulations](#). This policy applies whether fees have been paid or not by the end of the first three weeks.

The regulations for international students are different. Please contact the International Office for information about this – for their contact details please see [Faculty of Business and Information Technology Student Handbook](#)

AUDIOVISUAL RECORDING OF CLASSES/LECTURES

MIT may make and use audio and/or video recordings of classes for educational and associated administrative purposes. In doing so, the images, likenesses, and/or voices of persons attending and/or otherwise participating in classes (including lecturers, students, visitors, etc.) may be recorded and securely stored by MIT for the purposes of the course and for archive purposes.

By attending and/or otherwise participating in classes you consent to the use of your image, likeness, and voice in such audio and/or video recordings and acknowledge that MIT owns all copyright, moral rights, and other intellectual property rights in audio/visual class recordings and further acknowledge that students enrolled in the course, and other persons authorised by MIT in connection with the course, are given a limited licence to access and copy class recordings for their personal study only. Class recordings may be stored and distributed to enrolled students and other authorised persons by any technology (including but not limited to Canvas). Pursuant to the Privacy Act 1993, you are entitled, at any time, to request access to, and (if necessary) correction of, any personal information held about you by MIT.

RIGHTS AND RESPONSIBILITIES

MIT is committed to providing a safe and productive learning environment. We all have a role in contributing to this positive environment. MIT has policies and procedures in place to ensure these standards are maintained so that everyone can feel safe and respected.

Please refer to the Faculty Handbook for further information on student rights and responsibilities: Faculty of Business and Information Technology Student Handbook .

HARASSMENT

MIT is committed to providing an environment free from sexual, racial and other forms of harassment. MIT will neither tolerate nor condone harassment of staff, students or members of the public. Harassment will be dealt with in accordance with the MIT Harassment Policy.

COMPLAINTS

You have the right to have your concerns taken seriously. Initially you should raise concerns informally with the appropriate staff member. If no resolution is reached, choose an advisor with whom to discuss your options. Depending on your problem, the appropriate advisor might be your Programme Leader, a Counsellor, Advocacy Facilitator, or a Student Support Advisor. MIT has a formal concerns and complaints resolution process which is designed to be as fair and responsive as possible. See section 19, MIT student regulations and policies visit:

<http://www.manukau.ac.nz/current-students/student-regulations-and-policies>

MISCONDUCT

Incidents of misconduct will be addressed to ensure that MIT maintains the highest academic standards. Misconduct will not be tolerated in any course delivered by the Faculty of Business and Information Technology. MIT will investigate all allegations of misconduct in assessment. For detailed information refer to pages 31-36 of the MIT Student Regulations for information about student misconduct, and to pages 51-53 for definitions of misconduct, misconduct during assessment and examples of behaviours that constitute misconduct.

FACULTY OF BUSINESS AND INFORMATION TECHNOLOGY OFFICE

Hours:	8.30 am to 5.00 pm, Monday to Friday
Location:	Reception, Floor 2
Telephone:	09 975 4564
Programme Administrator:	<i>Karthika Naidu, 09 975 4645</i>
Email:	facultyofbusinessandIT@manukau.ac.nz

COURSE SCHEDULE: QUARTER 2

WK	Beginning	Topics	Activities	Assessments
1	08 May	<ul style="list-style-type: none"> Intro to HTML and CSS Intro to Page Navigation Intro to JavaScript Intro to Responsiveness 	<ul style="list-style-type: none"> Course Outline Review Exercises 	
2	15 May	<ul style="list-style-type: none"> HTML, CSS Website Design Principles "Responsive" Web Pages Practice Test Questions 	<ul style="list-style-type: none"> Exercises Practice Practical Test 	
3	22 May	<ul style="list-style-type: none"> Website Design and Planning Website Specifications Work Diary JavaScript HTML Canvas 	<ul style="list-style-type: none"> Practical Test 01 Start Project 	Practical Test 01 Wed, 24 May
4	29 May	<ul style="list-style-type: none"> Javascript HTML Canvas Managing media eg images, video, audio 	<ul style="list-style-type: none"> Work on Project Part A Exercises 	Project Part A Hand-in by Midnight, Wed, 31 May
5	05 Jun	<ul style="list-style-type: none"> JavaScript and JQuery Hosting (if available) HTML Forms Display and scripting of media 	<ul style="list-style-type: none"> Work on Project Part B Exercises 	
6	12 Jun	<ul style="list-style-type: none"> Above continued Assignment issues arising 	<ul style="list-style-type: none"> Work on Assignment Exercises 	Project Part B Hand-in by Midnight, Fri, 16 May
7	19 Jun	<ul style="list-style-type: none"> Internet delivery platforms HTML, CSS, JS revision Test Practice Questions 	<ul style="list-style-type: none"> Preparation for Test 	Practical Test 02 TBA End of Week07 OR Early to Mid Week 08
8	26 Jun		<ul style="list-style-type: none"> Extensions and Recovery 	

The order of topics may change. Notice of changes will be given in class and on Canvas.