# 

**BUSINESS AND INFORMATION TECHNOLOGY**

**MANUKAU CAMPUS**

**Te Wāhanga Whakaako Kaipakihi me te Hangarau Mōhiohio**

**502.634**

**User Experience and User Interface Design**

**Quarter 2 2018 - Course Outline**

**Academic Staff and Class Details**

Name: *Dr. Seyed Reza Shahamiri*

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Phone: *099754718*

Office Location: *Floor 3, MIT Manukau Campus*

**Class Sessions:**

Lecture / Tutorial / Workshop: Day *Tuesday* Time *9 -12 am* Room *315*

Lecture / Tutorial / Workshop: Day Thursday Time 8- 11 am Room 315

**Manukau Campus Information Desk:**

Floor 2, 8.30am to 5.00pm, Monday to Friday

Programme Administrator:

[parizad.dumasia@manukau.ac.nz](mailto:parizad.dumasia@manukau.ac.nz)

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

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## COURSE PURPOSE

To understand the importance of user centric design and implement software user interfaces that promote aesthetics, usability, and ease of use.

## LEARNING OUTCOMES (LOs)

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

1. Demonstrate an understanding of and apply the concepts of user experience design
2. Analyse, and apply different types of graphical user interface controls
3. Learn and apply user interface design programming language and event-based programming
4. Implement software solutions that have responsive and appealing graphical user interfaces

**TEXTBOOKS/RESOURCES RECOMMENDED FOR THIS COURSE ARE:**

1. Android user interface design: implementing material design for developers / Ian G. Clifton.
2. Universal UX design: building multicultural user experience / Alberto Ferreira.

## LEARNING TIME

The total learning hours for this course are 150 hours (10 hours per credit).

For this course, it is expected that your learning time will be apportioned as follows:

In-class hours (including lectures, tutorials, seminars and workshops) = 48 hours

Online Canvas or other LMS activities = 2 hours

Independent reading, coding, and research = 90 hours

Collaborative / Group activities and discussion outside of class times = 10 hours

## 

The dates below are indicative only. End dates may differ depending on your programme of study.

Please contact your Campus Administration Office for specific course dates.

|  |
| --- |
| **Quarter 1**           Monday 19 February - Friday 13 April |
| Break -  Monday 16 April - Friday 4 May |
| **Quarter 2**           Monday 7 May - Friday 29 June |
| Break    Monday 2 July - Friday 20 July |
| **Quarter 3**           Monday 23 July - Friday 14 September |
| Break    Monday 17 September - Friday 5 October |
| **Quarter 4**           Monday 8 October - Friday 30 November |

## 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, assessments, course content, and to receive messages. Any mandatory activities on Canvas will be explained to you by your lecturer. 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>

## COURSE MARKS

All course marks are available online via the Learner Portal [https://ebs4Portal-live.manukau.ac.nz](https://ebs4portal-live.manukau.ac.nz/) . If you have any queries about course work marks you should discuss these with your lecturer. All final grades will be published via the Learner Portal online only within 10 working days from the course end date.

In many courses, marks for individual assessments are also made available via Canvas once marked. Please note that these marks are provisional only and as such are only intended to give you guidance on your progress. The Learner Portal is the only official source for the final marks and grades you are awarded for a course.

## ASSESSMENT STRUCTURE

|  |  |  |  |
| --- | --- | --- | --- |
| Assessment Type | Learning Outcome Assessed | Due date & submission method | Weighting |
| Test | 1,2 | Please refer to Canvas, Via Canvas | 20 |
| Project | 1-4 | Please refer to Canvas, In class | 40 |
| Practical Test | 3,4 | Please refer to Canvas, In class | 40 |

**To pass this course you must achieve a total combined mark of (50%)**

Further details concerning the above assessments will be provided via Canvas at an appropriate time. It is your responsibility as a student to monitor Canvas for assessment related announcements and documents.

It is strongly recommended that you keep a copy of all assessments that you submit, together with evidence of when it was submitted and how.

**International Students**

International students studying or intending to study at MIT have dedicated support staff to assist with the applications’ process, student visas/permits issuing and renewal, medical and travel insurance claims, accommodation, pastoral care, and day to day study issues. For more information go to: <https://www.manukau.ac.nz/international-students>

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## COURSE SCHEDULE: QUARTER 2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Week | Date | Topics | Assessments | Assessments Due | Activities, Readings, & Assessment Tasks including approximately how long it should take |
| 1 | 7 May | User Experience Design  User Interface Design Basics |  |  | * Face 2 Face: 48 hours * Assignments: 5 hours for the tests, included in face to face hours * Collaborative learning: 10 hours * On-line communication, discussions, collaborations: 2 hours * Activity based learning (application/exploration of learning, investigative research): 60 hours * Studying: 30 hours |
| 2 | 14 May | Android UI Design Introduction  Android Studio |  |  |
| 3 | 21 May | ViewGroups |  |  |
| 4 | 28 May | User Input | Test | Test |
| 5 | 4 Jun | User Input  Styles | Project |  |
| 6 | 11 Jun | Multiscreen Apps  ListView |  |  |
| 7 | 18 Jun | ListView | Practical Test | Project |
| 8 | 25 Jun | Recovery |  |  |

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

There is a penalty for late assignment submission and limitations to re-sit for the tests that you miss, as explained before.

## ACADEMIC REGULATIONS AND POLICIES

Students are strongly advised to read the [www.manukau.ac.nz/FBIT-Handbook](http://www.manukau.ac.nz/FBIT-Handbook) and the [MIT Student](file:///C:\Users\mbrik\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.Outlook\G02CNU4L\MIT%20Student) [Regulations](http://www.manukau.ac.nz/students/student-statutes-and-policies) for details concerning:

* Your rights and responsibilities (Student handbook)
* Attendance (Student regulation 9 [MIT Student](https://www.manukau.ac.nz/__data/assets/pdf_file/0003/312159/Student-Regulations_V6.0_20170525.pdf) [Regulations](http://www.manukau.ac.nz/students/student-statutes-and-policies) )
* Aegrotats (Student regulation 12.12 [MIT Student](https://www.manukau.ac.nz/__data/assets/pdf_file/0003/312159/Student-Regulations_V6.0_20170525.pdf) [Regulations](http://www.manukau.ac.nz/students/student-statutes-and-policies))
* Anti-harassment policy (Student regulation 18 [MIT Student](https://www.manukau.ac.nz/__data/assets/pdf_file/0003/312159/Student-Regulations_V6.0_20170525.pdf) [Regulations](http://www.manukau.ac.nz/students/student-statutes-and-policies))
* Complaints (Student regulation 19 [MIT Student](https://www.manukau.ac.nz/__data/assets/pdf_file/0003/312159/Student-Regulations_V6.0_20170525.pdf) [Regulations](http://www.manukau.ac.nz/students/student-statutes-and-policies))
* Misconduct, cheating and disciplinary proceedings (Student regulation 13 [MIT Student](file:///C:\Users\mbrik\AppData\Local\Microsoft\Windows\Temporary%20Internet%20Files\Content.Outlook\G02CNU4L\MIT%20Student) [Regulations](http://www.manukau.ac.nz/students/student-statutes-and-policies))
* Assessment Extensions (Student handbook)
* APA referencing [www.library.manukau.ac.nz](http://www.library.manukau.ac.nz)

**Te Tiriti O Waitangi: The Treaty of Waitangi.**

MIT has a clear commitment to the advancement of Matauranga Maori (Maori Knowledge), Te Tiriti o Waitangi (the Treaty of Waitangi) and the application of Ako (Māori pedagogy). All MIT staff are expected to:

* Have, or are developing, an understanding of the value and principles of Te Tiriti o Waitangi and how this can be applied to support educational success for Māori[[1]](#footnote-1) at MIT; and
* Are aware of their responsibilities to apply the values and principles of Te Tiriti o Waitangi in support of a bicultural environment.

MIT staff are happy to support and champion MIT’s commitment to Te Tiriti o Waitangi and to demonstrate this through behaviour and actions that support MIT as a culturally responsive and inclusive environment for all students, staff and the general public.

Any Manukau Campus students who have questions, queries or are looking for assistance in this area, then email the Maori Partner, Dr Wiremu Manaia, at [maoripartners@manukau.ac.nz](mailto:maoripartners@manukau.ac.nz)

**Maori Partner: Kaipakihi Maori.**

MIT has recently appointed three Maori Partners (Kaipakihi Maori) at Otara, Tech Park and Manukau Campuses as part of a process for developing an inclusive bicultural learning environment. The Maori Partner for Manukau Campus is Dr Wiremu Manaia. Dr Manaia is also a Senior Lecturer in Business & Information Technology at Manukau Campus.

He will be working in collaboration with other MIT services to address the following six strategic objectives and associated deliverables:

1. Student Engagement.
2. Academic Teaching Support.
3. Cultural Support.
4. Operational Assistance
5. Pedagogy Support
6. Industry Engagement

At this stage, MIT is in the process of establishing a structure that will enable the Maori Partner role to function and operate. For 2018, the focus is on student engagement, academic teaching and cultural support.

If you have any questions or queries then contact the Maori Partner, Dr Wiremu Manaia, at [maoripartners@manukau.ac.nz](mailto:maoripartners@manukau.ac.nz)

1. Retrieved fro[m http://www.education.govt.nz/ministry-of-education/our-role-and-our-people/careers-in-education/our-policy-graduateprogramme o](http://www.education.govt.nz/ministry-of-education/our-role-and-our-people/careers-in-education/our-policy-graduate-programme)n 21 Feb 2017, 12.32pm. [↑](#footnote-ref-1)