

DSW03A1
Lecture 1 – Administration



Lecturer Information

Names: Mr Sandile Thamie Mhlanga

Office: D GREEN 3

E-Mail: smhlanga@uj.ac.za

Consultation Hours:

Wednesday: 14:00 to 16:00

Appointment



General Notes

- An integrated teaching and learning approach is followed in this module. Face to face approach will be employed throughout the module. We will also be making use of Blackboard extensively; please make sure that you check the module site regularly
- Please also make sure that you are registered for this module and that you can access the Blackboard site
- There will be no official textbook due to the large variety of topics we will be covering, all necessary resources will be noted in the slides and where applicable, separate notes will be made available in electronic format
- The **main** purpose of this module is to develop students who can demonstrate their knowledge in the implementation of application solutions using current Windows and web technology; the major emphasis will be on developing and implementing Windows solutions using the latest technologies
- Coupled with the above, we will be looking at various topical areas including Big Data, the Internet of Things as well as some advanced programming topics and how all these relate to the Fourth Industrial Revolution (4IR)



Class Structure

- You should all have the finalized timetable in your uLink pages
- We will have a **COMPULSORY Theory Session** (double-period) at least once a week where we will cover the theoretical components of the module
- All **Practical Sessions** (i.e. tutorials) will be held on the scheduled times for the duration of the semester – these will be facilitated by four tutors
- Both face to face approach will be used **Theory Session** for the duration of the semester
- **Look out for more updates on the logistics and for any additional information on Blackboard**

Proposed Semester Schedule

Calendar Week #	Theory class date	Learning Unit & Topic	Assessment	%	Issued Date	Deadline
Week 1	15 February 2023	LU0: Administrative Matters	TUT 1	2	Wed, 15 Feb 2023	Mon, 20 Feb 2023
Week 2	22 February 2023	LU1: Big Data, IoT, and other 4IR Technologies	Lab Exercise 1	2	Tue, 21 Feb 2023	Fr, 24 Feb 2023
Week 3	1 March 2023	LU1: Big Data, IoT, and other 4IR Technologies	Class test TUT 2	5 2	Mon, 27 Feb 2023	Mon, 06 March 2022
Week 4	8 March 2023	LU2: Introduction to Multi-tier Programming	TUT 3	2	Tue, 07 March 2023	Tue, 14 March 2023
Week 5	15 March 2023	LU2: Introduction to Multi-tier Programming	Lab Exercise 2	2	Wed, 07 March 2023	Wed, 15 March 2023
Week 6	22 March 2023	LU3: Multi-tier Programming in Practice	Lab Exercise 3	2	Thu, 16 March 2023	Wed, 22 March 2023
Week 7	29 March 2023	LU3: Multi-tier Programming in Practice	Semester test 1 TUT 4	10 2	Thu, 23 March 2023	Mon, 10 April 2023
Week 8	5 April 2023	University Holiday				
Week 9	12 April 2023	LU4: Advanced Programming Topics	Lab Assignment 4	2	Tue, 11 April 2023	Mon, 21 April 2023
Week 10	19 April 2023	LU4: Advanced Programming Topics	Semester test 2	15		
Week 11	26 April 2023	LU5: Tools and Approaches for Application Development	TUT 5	2	Tue, 25 April 2023	Fri, 28 April 2023
Week 11	3 May 2023	LU5: Tools and Approaches for Application Development	Lab Assignment 5	2	Tue, 2 May 2023	Fri, 09 May 2023
Week 12	10 May 2023	LU5: Tools and Approaches for Application Development				
Week 13	17 May 2023	LU5: Tools and Approaches for Application Development				
Week 14	26 May 2023	Revision				
Week 15	1 June 2023	All Assessment Criteria	Final Assessment	50		

Assessments

- Continuous assessment approach will be employed in this module.
- The semester mark comprises of the two semester tests, class test, tutorials, and lab exercises
- A Final Assessment with a weight of 50% will be written during the examination period
- The final mark will be calculated by semester mark (50%) + final assessment (50%).
- A minimum pass mark of 50% is required.
- To pass with distinction, a student has to achieve at least 75%.

Announcements

- Make sure that the new module timetable reflects on your own timetables
- **NB:** Check Bb for any module updates, announcements, etc. pertaining the module

QUESTIONS