MULTIMEDIA UNIVERSITY®

TEACHING PLAN

A. TRIMESTER: 2530

B. INFORMATION ABOUT THE COURSE:

1.	Name of Course/Module	Operating Systems
2.	Course Code	CSN6214
3.	Name of Course Coordinator(s)	Sharaf Horani

C. DETAILS OF TEACHING STAFF (INCLUDING THE COURSE COORDINATOR):

Name	Room Number	Email Address	Tel. No.
Mr Sharaf Horani	BR4007	Sharaf.horani@mmu.edu.my	03-83125232
Dr Ng Hu	BR3010	nghu@mmu.edu.my	03-83125411
Dr Tan Saw Chin	BR2010	sctan1@mmu.edu.my	03-83125346
Dr Syed Qamrun Nisa	BR2016	qamrunnisa@mmu.edu.my	03-83125162
Ms Wan Nor Al-Ashekin Wan Husin	BR3028	wanashekin@mmu.edu.my	-
Mr Wong Kim Ming	Part time	wkmwong@outlook.com	-

D. The detailed information about the course is provided in the attached Course Information document. The "Course Information" document is the property of Multimedia University ("MMU"). It contains proprietary and confidential information and is meant for internal use only. Any sharing or distribution of these documents (Course Information and Teaching Plan) with any external party is strictly prohibited unless prior consent or approval is obtained from MMU's authorised personnel.

E. WEEKLY LESSON PLAN AND ASSESSMENT DUE DATES

WEEK	TOPICS/ACTIVITIES	ASSESSMENT METHOD & WEIGHTAGE	IMPORTANT NOTES Please state: i. Replacement classes (if applicable) ii. Public holidays and MMU major events
1.	Introduction to OS	L	
2.	OS structures	L	
3.	Processes and Threads	T + L	
4.	Process Scheduling	T Group assignment release (20%)	
5.	Process Scheduling	T + L Quiz 1 (10%)	Convo 26th week (6-8th)
6.	Process Synchronization	T + L	**Thursday** 11th December Sultan's Birthday
7.	Deadlocks	T + L	
8.	Memory Management	T Quiz 2 (10%)	**Thursday** 25th December (Xmas)
9.	Virtual Memory and Memory Management	T + L Midterm (20%)	**Thursday** 1st Jan (New Year) Midterm on **Saturday** the 3rd of January 2026
10.	Virtual Memory	T + L	
11.	File Systems	T + L	
12.	File Systems Implementation	T + L	
13.	Storage Management	T Quiz 3 (10%)	
14.	OS case study (BSD)	L Group assignment submission (8th February – before 5:00 PM)	**Monday** 2nd February (replace Sunday – Thaipusam)
15.	Assignment Interviews + publishing coursework marks		

- o Replacement classes will be announced later by individual lecturers and tutors not later than end of week 2.
- o T : Theoretical and discussion questions (1 or the full 2 Hours)
- o L : Practical exercises – Linux and C programming (1 or the full 2 Hours)
- o T + L: is a mixture of Theoretical questions and Practical Exercises.
- o Quizzes 20%: Select the highest 2 quizzes out of the three. No replacement for the quizzes. Missing a quiz will be given a 0. During lecture section and prepared by lecturing staff (multiple forms paper based quiz).
  - ▪ Quiz 1: Covers Lecture contents of week 1 until the end of week 4
  - ▪ Quiz 2: Covers Lecture contents of week 5 until the end of week 7
  - ▪ Quiz 3: Covers Lecture contents of week 8 until the end of week 10
- o Midterm 20%: Covers all the topics of week 1 to the end of week 7 (Saturday 3rd January 2026). Prepared by lecturing staff.
- o Assignment 20%: to be released during week 4 and must be submitted by the end of week 14 before 5:00 PM on the 8th of February 2025. Marked by lab sections' instructors. Prepared by lecturing staff.
- o Final Exam 40%: Covers all the topics from week 1 until the end of week 13 (Lecture material). Prepared by lecturing staff.

Prepared by: Course Coordinator			
Name	Sharaf Horani	**Date**	27/10/2025
Signature & Official Stamp	MR. SHARAF HORANI Specialist 2 Faculty of Computing and Informatics Multimedia University Persiaran Multimedia, 63100 Cyberjaya Selangor Darul Ehsan, Malaysia		
<mark>Date Verified by AIC Meeting</mark> :			