

FIST

Faculty of Information Science
& Technology



Faculty Briefing

Important Notes for Students

**Welcome to
Faculty of Information Science & Technology (FIST)**

1 ACADEMIC YEAR : 3 TRIMESTERS

- TWO(2) Long Trimesters (14 weeks study + 2 weeks exam)
 - Trimester 1
 - Trimester 2
- ONE(1) Short Trimester (7 weeks study + 1 week exam)
 - Trimester 3
- Link to MMU Academic Calendar
 - <https://www.mmu.edu.my/academic-calendar/>



Explanation on Term:

During transition period (2021/22), right now:

T1 - Aug (2110) & Sep (2115)

T2 - Dec (2120) & Feb (2125)

T3 - Jun (2130) & Jul (2135)

Trimester for academic session 2022/23 onward:

T1 - Sep (2210)

T2 - Feb (2220)

T3 - Jul (2230)

Term **21**20

First 2 digits:

academic year: 21 = 2021/2022 session

Last 2 digits:

10 or 15 = Tri 1

20 or 25 = Tri 2

30 or 35 = Tri 3

GoT & MAXIMUM DURATION OF STUDY

➤ Foundation

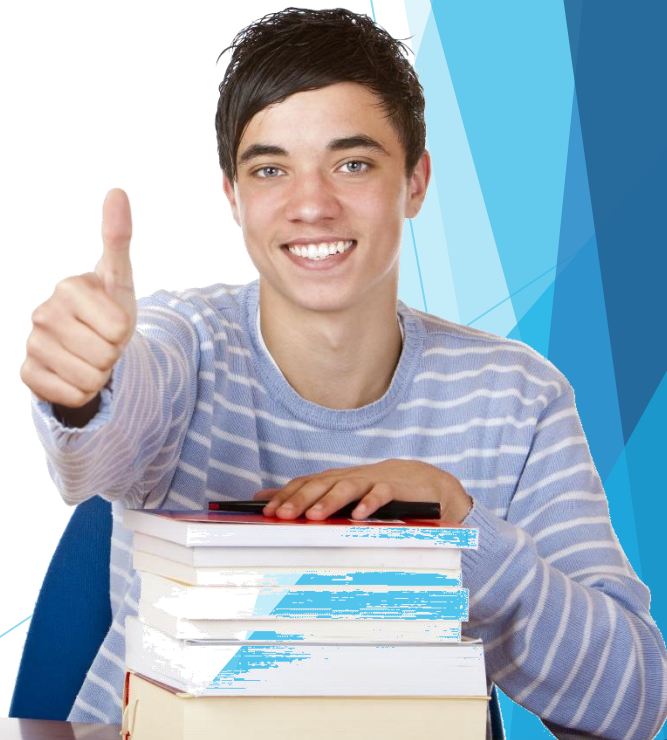
- Graduate-on-Time (GoT) is 1 year
- Maximum period: 2 years

➤ Diploma

- GoT is 2 years
- Maximum period: 4 years

➤ Undergraduate (Degree)

- GoT is 3 years
- Maximum period: 5 years



PROGRAMME STRUCTURE

- ❑ Program Structure refers to courses and total credit hours that you must complete in order to graduate.
- ❑ Please be reminded that you need to **follow your OWN programme structure STRICTLY** for subject registration purpose.
- ❑ **DO NOT FOLLOW PROGRAMME STRUCTURE OF FRIENDS OR SENIOR STUDENTS.**
- ❑ Please always consult your academic advisor for the subjects to be registered at the end of each trimester.

PROGRAMME STRUCTURE (SAMPLE - Foundation)

July/ September Intake

Common and University Courses						
July/ September	November/February	April/July				
<ul style="list-style-type: none">• PEN0045 Communicative English (3)• PCR0025 Critical Thinking (3)• PAM0135 Algebra* (3)• PTM0145 Trigonometry (3)• PCA0150 Computer Applications (4)• S1 (4)	<ul style="list-style-type: none">• PEN0055 Essential English (3)• PBU0054 Fundamentals of Business Management (4)• PSM0325 Introduction to Probability and Statistics (3)• PPS0335 Problem Solving and Programming (3)• S2 (3)• S3 (4)	<ul style="list-style-type: none">• PEN0065 Academic English (3)• PCM0235 Calculus (4)• PMP0325 Mini IT Project (3)				
<p>Specialisation Courses:</p> <table><tr><th>For AI/ST/DCN/BIA Programmes</th><th>For Bioinformatics Programme</th></tr><tr><td><p>S1: PCO0165 Introduction to Computer Architecture and Operating System (4)</p><p>S2: PIP0255 Introduction to Physics (3)</p><p>S3: PIM0245 Introduction to Multimedia Technology (4)</p></td><td><p>S1: PCO0145 Inorganic and Organic Chemistry (4)</p><p>S2: PGC0225 General Chemistry (3)</p><p>S3: PCG0245 Cellular Reproduction and Genetics (4)</p></td></tr></table>			For AI/ST/DCN/BIA Programmes	For Bioinformatics Programme	<p>S1: PCO0165 Introduction to Computer Architecture and Operating System (4)</p> <p>S2: PIP0255 Introduction to Physics (3)</p> <p>S3: PIM0245 Introduction to Multimedia Technology (4)</p>	<p>S1: PCO0145 Inorganic and Organic Chemistry (4)</p> <p>S2: PGC0225 General Chemistry (3)</p> <p>S3: PCG0245 Cellular Reproduction and Genetics (4)</p>
For AI/ST/DCN/BIA Programmes	For Bioinformatics Programme					
<p>S1: PCO0165 Introduction to Computer Architecture and Operating System (4)</p> <p>S2: PIP0255 Introduction to Physics (3)</p> <p>S3: PIM0245 Introduction to Multimedia Technology (4)</p>	<p>S1: PCO0145 Inorganic and Organic Chemistry (4)</p> <p>S2: PGC0225 General Chemistry (3)</p> <p>S3: PCG0245 Cellular Reproduction and Genetics (4)</p>					

* Pre requisite for PCM0235 Calculus

**Students
Must Strictly Follow
Their Own
Program Structure**

PROGRAMME STRUCTURE (SAMPLE - Diploma in IT)

2-YEAR PROGRAMME STRUCTURE - JULY/SEPTEMBER INTAKE 2021 DIPLOMA IN INFORMATION TECHNOLOGY

	Year 1						Year 2					
	Trimester 1	ch	Trimester 2	ch	Trimester 3	ch	Trimester 1	ch	Trimester 2	ch	Trimester 3	ch
Common Core	DCS5111 Computer Concepts & Applications	3	DPD5211 Program Design	4	DOS5311 Operating Systems	3						
	DEP5121 Ethics & Cybertechnology	3	DSP5221 Discrete Structures & Probability	4	DOB5321 Database Systems	4						
			DCA5231 Computer Architecture	4	DSO5411 Systems Analysis & Design	3						
			DCN5511 Data Communications & Networking	4								
Industrial Training											DIT5611 Industrial Training	6
Elective							Elective 1	3	Elective 3	3		
							Elective 2	3				
Concentration Core	DMS5131 Mathematical & Statistical Techniques	4					EN5220 Business Communications in the Digital Age	3	DFN5511 Fundamentals of Networking	4		
	DEN5018 English	3					WP5431 Internet & Web Publishing	4	DCP5521 Final Year Project	4		
							DOO5441 Object Oriented Programming	4	DPJ5531 Programming in Java	4		
									DSA5541 Data Structure & Algorithms	3		
MPU	U1	3	U2	3			U3	2	U4	2		
TCH		16		19		10		19		20		6

Total Credit Hours : 90

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Pre-requisite				MPU Subjects			
	Program Design	→	Object Oriented Programming	U1	1. MPU2163 Pengajian Malaysia 2 (for local student)		
		→	Internet & Web Publishing		2. MPU2133 Bahasa Melayu Komunikasi 1 (for international student)		
	Object Oriented Programming	→	Programming in Java	U2	1. (for student who gets an exemption from BM in SPM & international student)		
		→	Data Structure & Algorithms		Subject code starts with MPU23XX		
	Data Communications & Networking	→	Fundamentals of Networking		2. (for student who has no credit for BM in SPM)		
	40 credit hours	→	Final Year Project		MPU3201 Bahasa Kebangsaan A		
	(excluding MPU Subjects)	→	Industrial Training	U3	Subject code starts with MPU23XX		
				U4	Subject code starts with MPU24XX		
Elective Subjects for Degree Major							
Security Technology		Data Comm & Networking		Artificial Intelligence		Business Intelligence & Analytics	
DIS5111 Introduction to Computer Security		DRT5111 Introduction to Real-Time Systems		DAI5221 Introduction to Artificial Intelligence		DEM5111E-Marketing	
DIA5211 Introduction to Information Assurance and Security		DCC5211 Introduction to Cloud Computing		DPL5211 Fundamentals of Programming Language		DDA5211 Statistical Data Analysis	
DSIS221 System Integration Architecture		DWM5221 Wireless and Mobile Technology		DAD5111 Fundamentals of Algorithm Design		DDM5221 Introduction to Data Mining and Machine Learning	

PROGRAMME STRUCTURE (SAMPLE - Degree in IT)

Bachelor of Computer Science (Honours) Artificial Intelligence - July/September 2021 Intake

	Beta Level						Gamma Level						Delta Level						TOTAL
	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH	Trimester 1	CH	Trimester 2	CH	Trimester 3	CH	
Common Core	TMA1111 Mathematical Techniques	4	TMA1211 Discrete Mathematics and Probability	4			TDS2111 Data Structures and Algorithms	3											11
	TCP1121 Computer Programming	4	TAO1221 Computer Architecture and Organization	4			TOP2121 Object-Oriented Programming	3											11
	TDB1131 Database Systems	3	TDC1231 Data Communications and Networking	4			TSA2131 Systems Analysis and Design	3											10
	TOS1141 Operating Systems	3																	3
Specialisation Core			TEP1241 Ethics and Professional Conduct	3			TPR2141 Project Management and Communication	3					TPR3321 Project (Phase 1)	3	TPR3321 Project (Phase 2)	3			15
						TAI2151 Artificial Intelligence Fundamentals	3						TCI3121 Computational Intelligence	3	TNL3221 Natural Language Processing	3			12
						TTV2161 Technical Writing Fundamentals	3			TML2221 Machine Learning	3		TCN2141 Computer Networks	3	TDA3231 Algorithm Design and Analysis	3			11
						TTW2231 Web Technology and Application	3			TSE3131 Software Engineering Fundamentals	3		TES3141 Expert Systems	3	TSW3241 Semantic Web Technology	3			9
Industrial Training							TPR2251 Pattern Recognition	3					TCV3151 Computer Vision	3					6
											TTI2311 Industrial Training	6							6
Elective									Elective 1	3			Elective 2	3	Elective 3	3	Elective 4	3	12
Arts & Humanities					U2	3											U1	3	6
					U3	3											U1	3	6
					U4	2													2
Total Subjects	5		4		2		6		6		1		6		5		3		38
Total Credits		16		15		6		17		18		6		18		15		9	120

Elective subjects are to be selected from the following list:

*Subjects for MIT Track

TDA3121 Data Analytics Fundamentals*
TDM2151 Data Mining and Machine Learning*
TAC3121 Applied Cryptography
TCC3141 Cloud Computing

TTI2261 Internet of Things (IoT) Fundamentals*
TMS3251 Management of Information Security*
TBS2251 Business Statistical Analysis
TPB3231 Project Management for Business Analysts

TDW3311 Data Wrangling and Visualization
TIB2341 Introduction to Bioinformatics

MPU Subjects:

- U1:** MPU3113 Hubungan Etnik **AND** MPU3123 Tamadun Islam and Tamadun Asia (Local)
MPU3143 Bahasa Melayu Komunikasi 2 **AND** MPU3173 Pengajian Malaysia 3 (International)
- U2:** Subject code starts with MPU32XX (for local student who got exemption in SPM Bahasa Melayu & for international student)
MPU3201 Bahasa Kebangsaan A (for local student without credit in SPM Bahasa Melayu)
- U3:** Subject code starts with MPU33XX
- U4:** Subject code starts with MPU34XX

Students
Must Strictly Follow
Their Own
Program Structure

Maximum Credit Hour per Trimester

Students may not register for

- more than 20 credit hours in Long Trimester
- more than 10 credit hours in Short Trimester.

For appeal of exceeding credit hour, consideration might be given to Final Year, Final Trimester student ONLY.

Malaysian University English Test (MUET) POLICY

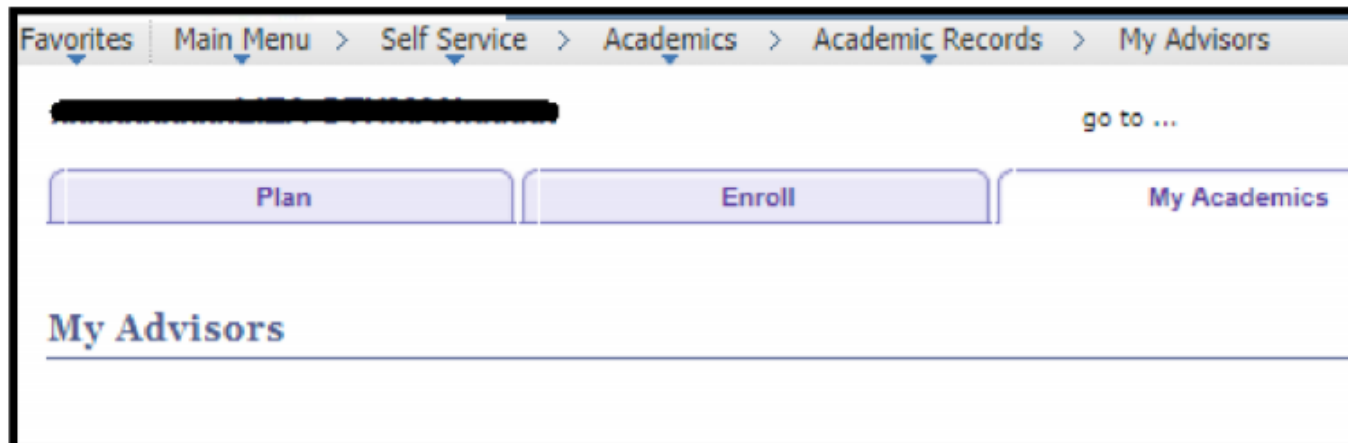
- Students who enrolled into Degree Programmes are governed under the following requirements:
 - Requirement for Degree Programme (Entry) : None
 - **Minimum Requirement for Graduation (Exit): Band 3**
- **All local students are required to complete MUET.**
- Students may check the Bulletin Board on notification of MUET registration by the ERU.
- Students are advised to take the MUET as soon as possible to avoid delays in their graduation.
- In term of MUET validity, if your MUET result is still not expired when join MMU, then it can be used for graduation.

LEAVE OF ABSENCE (LoA)

- A student is required to apply for LoA online if he/she does not has any subject in a particular trimester.
- Except on special circumstances, a student shall not be allowed to apply leave of absence for more than three (3) semesters throughout their study at Multimedia University.
- An application for LoA must be made before the end of Week 7 of a Long Trimester or Week 4 of a Short Trimester.
- **No tuition fee will be charged if the Leave of Absence is made in Week 1 or Week 2**
- **A student who is on LoA will still be charged Resource Fees**
- A student who **does not register any subject by week 4** and has not applied for LoA, the status shall be changed to **‘Dismissed’**.

ACADEMIC ADVISOR (AA)

- Each student will be assigned to an Academic Advisor (AA) as an initiative to support his/her academic performance.
- Students may login into CaMSys for the details of their AA.
- Students are encouraged to contact their AA for any assistance on academic matters.



Picture 12: Screenshot of “My Advisors”

Important Note:

Taking into consideration the current COVID-19 situation in the country and understanding the difficulties of students to return to campus, the teaching and learning activities for Tri 2, 2021/2022 (December Intake) will be in hybrid mode.

Lecture - Online

Lab/Tutorial - Online/Physical

How to Prepare for Virtual Classroom Learning

DEVICES



Student needs to have a device that can be used for the virtual learning (Smartphone, tablet or laptop)

TIMETABLE



Student **MUST** follow their trimester timetable.



Student must always update themselves about their classes via MMLS / Google Classroom (or any other platform your lecturer use)

GOOGLE MEET



Student needs to download Google Meet and learn how to use it.

Do's & Don'ts of Virtual Classroom Learning

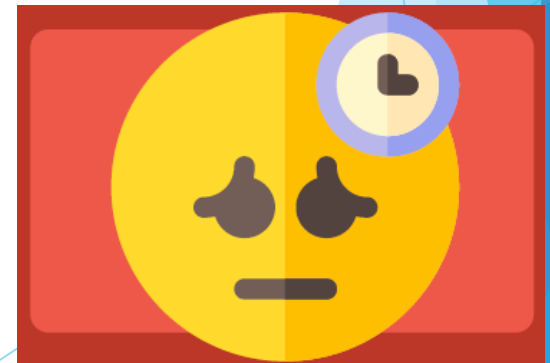
Do's

- ▶ Do prepare yourself for the trimester. (alert for announcement, equip essential learning tools)
- ▶ Do read the course info in MMLS / Google Classroom.
- ▶ Do use MMU email to join virtual class.
- ▶ Do follow your virtual classroom schedules.
- ▶ Do manage your time and participate in class.
- ▶ Do take note of your coursework assessments.




Don'ts

- ▶ Don't blame a late coursework submission on technical problems.
- ▶ Don't take study anywhere literally.



Student status, transcript, subject registration, finance info, academic advisory etc.




Favorites | Main Menu

Menu

Search:

- My Favorites
- Custom Objects
- Student Resume
- Self Service
- School List
- Meeting Management
- Campus Community
- Student Admissions
- Records and Enrollment
- Curriculum Management
- SAPS & STAP Management
- Set Up SACR
- Worklist
- Reporting Tools
- PeopleTools
- Industrial Training Program
- Instructor Workcenter
- Camsys User Manual

Welcome Message to Student



Welcome to the MMU Student Self-Service

Dear Student,

1) MMU Identity Management

Please be informed that MMU is now launching the CamSys Application.

Kindly follow this link <https://spm.mmu.edu.my/>


You may also refer to the Guideline on ID Card

2) Update Contact Number & Personal Information

Kindly update your contact number and personal information

The navigation:- Self Service > Student Center > click 'mobile number' and select type 'mobile number' > click 'Campus Email Address' and select type 'Campus Email Address'

IT Hotline No : 03-8312 5777 (C) / 03-8312 5777 (A)
After Office Hours (for classroom support)
Email : itsdsupport@mmu.edu.my



Favorites | Main Menu > Self Service > Faculty Center > My Schedule

Faculty Center | Advisor Center | Search

my schedule | class roster

Faculty Center

My Schedule

2020/2021 - Trimester 1 | MULTIMEDIA UNIVERSITY [change term](#) [View Personal Data Summary](#) [My Exam Schedule](#)

Select display option: ☒ Show All Classes ☐ Show Enrolled Classes Only

Icon Legend: Class Roster Grade Roster Gradebook Assignments Learning Management

My Teaching Schedule > 2020/2021 - Trimester 1 > MULTIMEDIA UNIVERSITY

Class	Class Title	Enrolled	Days & Times	Room	Class Dates
I OP2121- OP1 (2099)	OBJECT-ORIENTED PROGRAMMING (Lecture)	82	Mo 8:00AM - 10:00AM	MSMX2007-CLC Lecture Hall C7	Jul 6, 2020-Oct 5, 2020
I OP2121- OP2 (2103)	OBJECT-ORIENTED PROGRAMMING (Lecture)	72	We 5:00PM - 7:00PM	MSMX2007-CLC Lecture Hall C7	Jul 8, 2020-Oct 7, 2020
I OP2121- OP2A (2104)	OBJECT-ORIENTED PROGRAMMING (Laboratory)	17	Th 9:00AM - 11:00AM	MNCR1004-FIST Networking Lab	Jul 9, 2020-Oct 8, 2020
I OP2121- OP2B (2105)	OBJECT-ORIENTED PROGRAMMING (Laboratory)	26	Mo 11:00AM - 1:00PM	MNCR1004-FIST Networking Lab	Jul 6, 2020-Oct 5, 2020

[View Weekly Teaching Schedule](#) [Go to top](#)

➤ Multimedia Learning System (MMLS)

▪ <http://mmls2.mmu.edu.my>

Subject info, lecture notes, exercises, announcements etc.



Inquire,
Inspire
and
Innovate

MMU's Response to COVID-19 and MCO

MELAKA CYBERJAYA NUSAJAYA



Reminder : Back up your MMU Email and Data
17th June, 2020



Vacancy of Graduate Research Assistant
3rd June, 2020



Service Desk System Awareness
5th May, 2020



REMINDER : Cancellation of MPU4 Co-Curriculum Subjects Under STAD for Trimester 3 2019/2020
13th April, 2020

Log in



Username



Password

Log In

[Forgot your password ?](#)

MMU PORTAL

IDENTITY MANAGEMENT (IDM)

CLUB AND SOCIETIES

ACADEMIC CALENDAR

CORPORATE IDENTITY

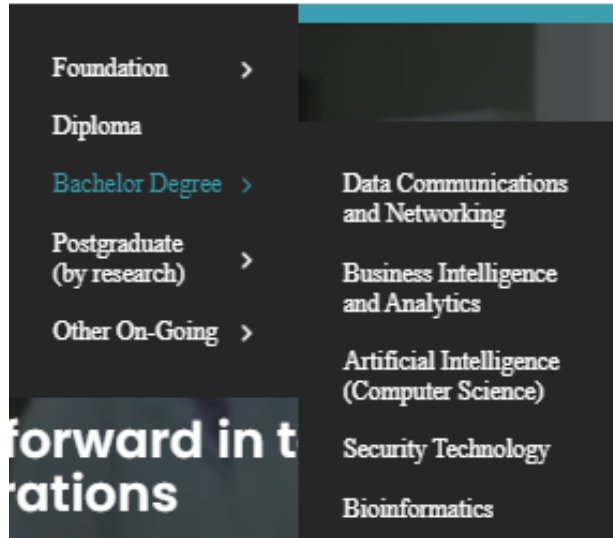
MMU'S PRIVACY STATEMENT

In its effort to ensure the compliance to the Personal Data

➤ FIST Web Page

▪ www.mmu.edu.my/fist

PROGRAMMES STAFF SERVICES ACHIEVEMENTS



choose your programme

MMU MULTIMEDIA UNIVERSITY FACULTY OF INFORMATION SCIENCE & TECHNOLOGY

PROGRAMMES STAFF SERVICES ACHIEVEMENTS RESEARCH ALUMNI NEWS

Bachelor of Computer Science (Hons.) Artificial Intelligence

(R/340/8/0228) 08/18 (A4187)

As computer systems increase their complexity and sophistication, the demand for intelligent advanced applications also increases in proportion. It is now a common practice and expectation to incorporate intelligent capabilities in the design of any computer application, from web-based intelligent search engines to stand-alone intelligent applications.

The objective of this course is to equip students with the necessary knowledge and skills required to be successful in building the much needed intelligent computer systems. Based on the solid foundations of Computer Science and Information Technology, the three-year degree programme covers the traditional grounds of artificial intelligence, such as fundamental in artificial intelligence and computational intelligence, Expert Systems, Natural Language Processing, Computer Vision. It then extends to advanced topics, such as Agent Technology, Pattern Recognition, etc.



PROGRAMME EDUCATION OBJECTIVES

Possess essential artificial intelligence knowledge and skills to develop reliable computing solutions in various ICT application domains

Apply related artificial intelligence and scientific tools for

Advance in professional development through ethical teamwork with effective communication and interpersonal skills in artificial intelligence related field

Utilize artificial intelligence knowledge to explore business opportunities and practice continual development through life-long learning

LOGIN

PROGRAMME OUTCOMES

- > Acquire and apply knowledge of sciences and computing fundamentals to artificial intelligence field
- > Demonstrate comprehensive technical expertise in artificial intelligence
- > Demonstrate sensitivity to social needs and ability to apply artificial intelligence solutions to address the challenges
- > Understand and commit professionally, ethically and with humane responsibility, in line with the information technology code of conduct
- > Communicate effectively, and function individually or in teams, with a capability to be a leader

CAREER PROSPECTS

- > Data Scientist, Intelligent Software Developer
- > AI Consultant, Knowledge Engineer
- > Software Engineer, Web Analyst

ENTRY REQUIREMENTS & PROGRAMME STRUCTURE

ENQUIRE NOW

STUDENT ACCESS

➤ FIST Web Page (Cont')

▪ www.mmu.edu.my/fist

- ▶ You will see your respective programme page after login.
- ▶ Programme structures and listing of subjects (include subjects syllabus) are in programme page
- ▶ Other resources (in red box) will lead you to pages such as credit transfer, FYP etc.

Programme Structures

ACADEMIC SESSION		JULY	NOVEMBER	APRIL
2019/2020	Programme Structure	—		
	Pre-Requisite	—		
2020/2021	Programme Structure			
	Pre-Requisite			

— Listing of Subjects (2019/2020)

Listing of Subjects (2019/2020 onwards)

COMMON SUBJECTS		
1.	TAO122I	Computer Architecture and Organisation
2.	TDC123I	Data Communications and Networking

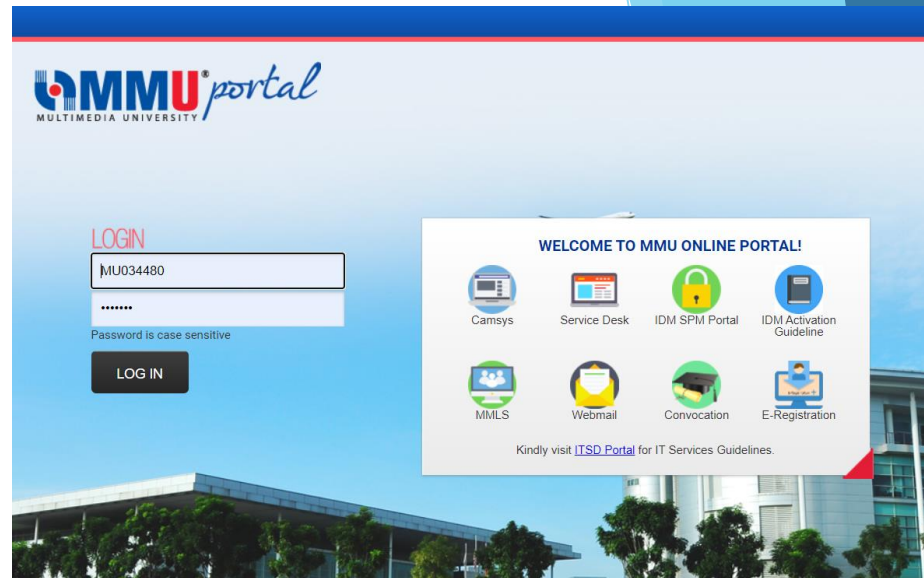
RESOURCES FOR EXISTING STUDENT

Credit Transfer	Industrial Training	Final Year Project (FYP)
Announcement	External Examiners	Industrial Panels
Student's Resources	Professional Courses	Events & Activities

ONLINE SERVICES

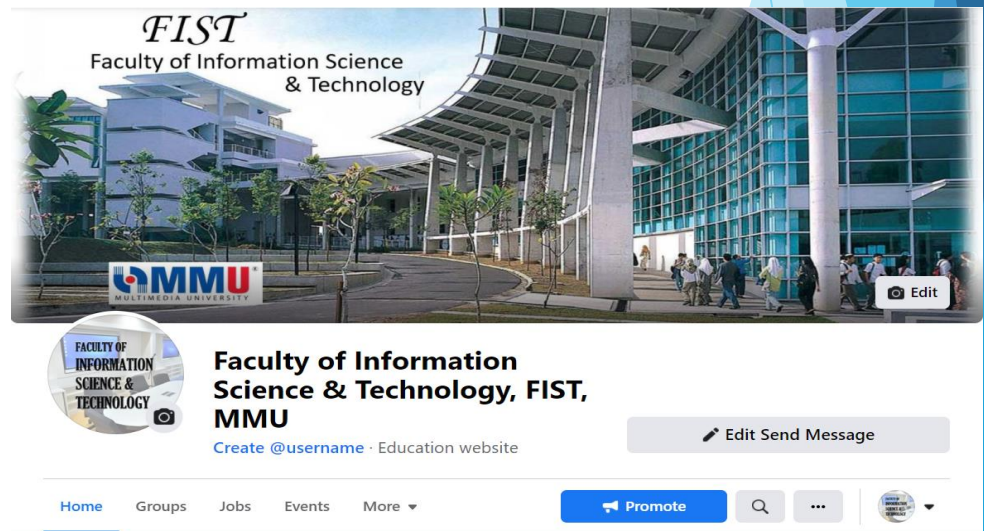
➤ MMU Online

- <http://online.mmu.edu.my>



➤ FIST Facebook Page

- <https://www.facebook.com/FISTMMU.MELAKA>



LABORATORY & FACILITIES

➤ IT Labs

1. Application Lab
2. Database Lab
3. Software Engineering Lab
4. Artificial Intelligence Lab
5. Unix Lab
6. Microprocessor Lab
7. Networking Lab
8. Graphic Lab

➤ Research Labs

1. iSec Lab
2. Thunder Cloud Lab
3. Information System Lab
4. Business Intelligence & Analytics Lab
5. Postgraduate Lab 1
6. Postgraduate Lab 2



LABORATORY & FACILITIES

➤ LS Labs

1. Multipurpose Lab I
2. Multipurpose Lab II
3. Multipurpose Lab III
4. Preparatory Lab
5. Molecular Biology Lab
6. Tissue Culture Lab
7. Biology and Chemistry Lab



LABORATORY & FACILITIES

➤ SMART LAB @ FIST Building



Melaka campus virtual tour:
<https://360vr.my/mmumelaka/>



Professional Academies -Professional Courses

- ▶ EC-Council Academia MMU Chapter
- ▶ Cisco Networking Academy
- ▶ Microsoft IT Academy
- ▶ Huawei ICT Academy
- ▶ Linux Academy
- ▶ Oracle Academy
- ▶ AWS



Peer Tutoring Program (PTP)


Senior students to assist the students in improving academic performance.




Liu Wei Han is presenting

Feedback

• http://gg.gg/mmu_ob_feedback



Everyone we did it, we survived 2020
Have a great 2021



Liu Wei Han

JOHN NATHAN

Mohammadmahdi Naghi...

LOW KAI KEAT

d4fmy45ubu

Hello yes

GOH JIA XIN Unknown 14:06
yes

Mohammadmahdi Naghipour Kh. 14:20
it's ok

GOH JIA XIN Unknown 14:20
ok

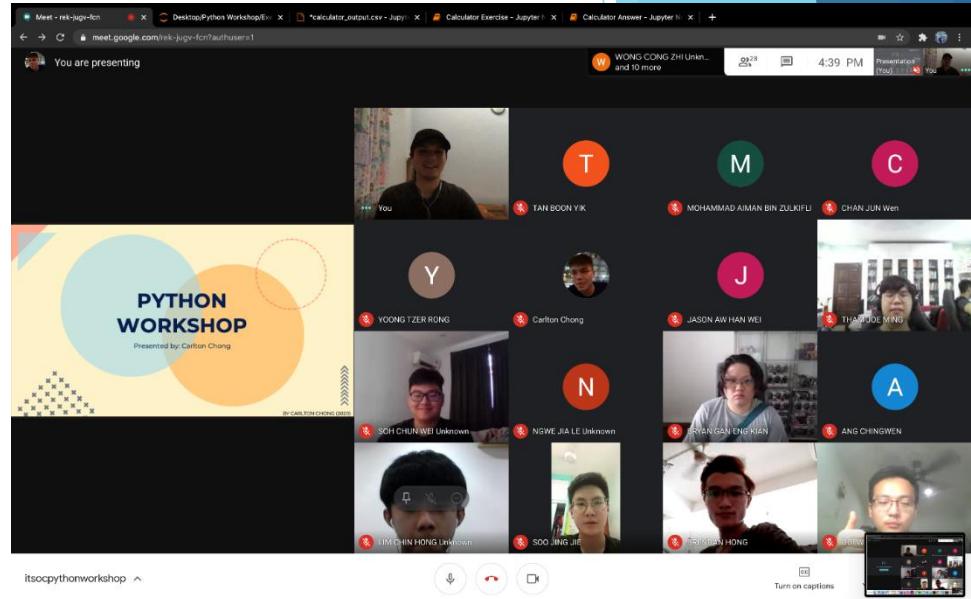
JOHN NATHAN 14:20
no questions

LOW KAI KEAT 14:20
no problem

Mohammadmahdi Naghipour Kh. 14:28
yes

Send a message to everyone

IT Society & Students' Activities



IT Society & Students' Activities

FB:

<https://www.facebook.com/ITSociety.Club>



Students' Activities



Korean Students
Exchange

China, Chongqing
Students Exchange



Students' Awards





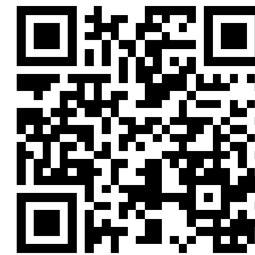
FIST Website:

<https://www.mmu.edu.my/fist/>



FIST Facebook Page:

<https://www.facebook.com/FISTMMU.MELAKA>



Any enquiries, please Email: fistcare@mmu.edu.my