

LABORATORY REGULATIONS

General Safety Rules and Housekeeping in Laboratories & Workshops

General Safety Rules

1. Students are not permitted to enter any laboratory, workshop and store area without permission.
2. Students are only permitted in laboratories for official research or during practical classes.
3. Running in the corridors, laboratories, and workshops or on the staircases should be avoided.
4. Coats, bags and other personal belongings must NOT be taken into laboratories or workshops. From a security point of view, it is not advisable to leave valuables, laptops or other personal belongings on walkways, staircases or landings
5. Lab coats should not be worn outside the laboratory or workshop.
6. At the end of a practical class, all electronic and electrical equipment should be switched off (unless otherwise instructed).
7. All hazardous materials or apparatus must be rendered safe, or disposed off, in the manner indicated by the academic or technical staff on duty or by established procedures before leaving the laboratory.
8. Eating, drinking, storing of food, and applying cosmetics are strictly prohibited inside any laboratory or workshop.

Housekeeping

1. All laboratory benches must be cleaned and kept clear of trash, spills, debris, apparatus, glassware and/or chemicals not currently in use.
2. At the end of the workday or work session in any laboratory or workshop, all work areas, benches and sinks must be left in a clean and tidy condition. It is the user's responsibility to clear up any mess after using the laboratory or workshop. Dust or fine particulates should be removed using an appropriate vacuum cleaner. The use of brooms is not recommended.
3. All hazardous materials or apparatus must be rendered safe, or disposed off, in the manner indicated by the academic or technical staff in charge or by established procedures before leaving the laboratory
4. Stacked materials should be in stable condition.
5. The space in between two machines should be at least 60 cm wide and kept clear of any materials.
6. No bottles, plastic containers or experiment materials are allowed to be kept under the benches, on the floor or less than 15 cm from the edge of the bench top.
7. Laboratory benches should not be used as a general storage area. Apparatus, glassware and/or chemicals not in use should be kept in the proper storage area.
8. Fume hoods and biosafety cabinets should not be used as a storage area.
9. Disposal of waste should be done safely and promptly using the designated bins/containers. The technician/staff in-charge should provide the necessary guidance to dispose waste.
10. All radioactive, chemical and biological materials must be properly labelled and stored inside its designated cabinets.

IMPORTANT: Storing of chemicals in the student locker/cupboard is strictly prohibited.

11. Purchasing of new chemicals for research or the lab, or moving/transferring chemicals to the lab must first obtain permission from the lab-staff incharge or PIC.
12. Proper inventory of the materials and Chemical Register must be kept updated at all the times. The inventory level of hazardous and combustible materials should be as minimal as possible.
13. The storage of chemicals must be in accordance with the recommendations of the relevant Safety Data Sheet (SDS). Incompatible chemicals and/or materials must not be stored together. Combustible chemicals cannot be kept near heat or ignition source. Chemicals with low ignition point should be kept in the appropriate temperature.
14. All chemical bottles or containers must be capped with proper cap or seal except when being used.

LIST OF LABORATORIES

DEPARTMENT OF CIVIL ENGINEERING

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Soil & Rock Mechanics Laboratory	F	G	Name : Mohammad Termizi Mohamed Kassim E-mail : mohdtermizi@um.edu.my No Tel : 03-79677022 ext.2753
2.	Geotechnic & Advanced Soil Mechanics Laboratory	F	G	Name : Mohammad Termizi Mohamed Kassim E-mail : mohdtermizi@um.edu.my No Tel : 03-79677022 ext.2753
3.	Concrete Technology Laboratory	F	G	Name : Noor Syakira Sulaiman E-mail : syakirasulaiman@um.edu.my No Tel : 03-79677022 ext.5273
4.	Strength of Materials Laboratory	F	G	Name : Shahrul Rafiq Arifin E-mail : shahrulr@um.edu.my No Tel : 03-79677022 ext.2757
5.	Engineering Survey & GIS Laboratory	F	G	Name : Nurfazeeha Omar Zainal E-mail : nurfazee@um.edu.my No Tel : 03-79677022 ext.2752
6.	Timber Workshop	G	G	Name : Noor Syakira Sulaiman E-mail : syakirasulaiman@um.edu.my No Tel : 03-79677022 ext.5273
7.	Concrete Materials Laboratory	G	G	Name : Sreedharan VK Raman E-mail : sree@um.edu.my No Tel : 03-79677022 ext.6829
8.	Heavy Structures Laboratory 1	G	G	Name : Sreedharan VK Raman E-mail : sree@um.edu.my No Tel : 03-79677022 ext.6829
9.	Advanced Water & Environmental Engineering Laboratory	N	2	Name : Alya Farhana Shaffiee E-mail : alyafarhana@um.edu.my No Tel : 03-79677022 ext.2750
10.	Environmental Laboratory	N	4	Name : Mohd Faiz Ibrahim E-mail : faiz8821@um.edu.my No Tel : 03-79677022 ext.2756

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
11.	Wastewater Laboratory	N	4	Name : Mohd Faiz Ibrahim E-mail : faiz8821@um.edu.my No Tel : 03-79677022 ext.2756
12.	Fluid Mechanics Laboratory	N	4	Name : Rozita Yusop E-mail : roy69@um.edu.my No Tel : 03-79677022 ext.2751
13.	Analysis, Fieldwork Apparatus & Sampling Laboratory	N	4	Name :Rozita Yusop E-mail : roy69@um.edu.my No Tel : 03-79677022 ext.2751
14.	Hydraulics Laboratory	N	G	Name: Rohainizam Ramli E-mail : rohainiz@um.edu.my No Tel : 03-79677022 ext.2751
15.	Highway Engineering Laboratory	N	3	Muhamad Izzat Zaki E-mail : izzat_zaki@um.edu.my No Tel : 03-79677022 ext.2754
16.	Traffic Engineering Laboratory	N	3	Muhamad Izzat Zaki E-mail : izzat_zaki@um.edu.my No Tel : 03-79677022 ext.2754
17.	Heavy Structures Laboratory 2	N	G	Name: Rohainizam Ramli E-mail : rohainiz@um.edu.my No Tel : 03-79677022 ext.2751
18.	Light Structures Laboratory 1	N	1	Name : Alfi Sahrina Mohd Masyumudin E-mail : alfisahrina@um.edu.my No Tel : 03-79677022 ext.2162
19.	Timber Laboratory	N	1	Name : Alfi Sahrina Mohd Masyumudin E-mail : alfisahrina@um.edu.my No Tel : 03-79677022 ext.2162
20.	River Engineering Laboratory	P	1	Name :Rozita Yusop E-mail : roy69@um.edu.my No Tel : 03-79677022 ext.2789
21.	Light Structures Laboratory 2	N	2	Name : Alfi Sahrina Mohd Masyumudin E-mail : alfisahrina@um.edu.my No Tel : 03-79677022 ext.2162

DEPARTMENT OF BIOMEDICAL ENGINEERING

TEACHING LAB

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Clinical Engineering Laboratory	A	G	Name : Yuslialif Bin Mohd Yusup Email : yuslialifyusup@um.edu.my No Tel : 03-79672785
2.	Medical Device Laboratory	A	G	Name : Yuslialif Bin Mohd Yusup Email : yuslialifyusup@um.edu.my No Tel : 03-79672785
3.	Medical Electronics Laboratory	A	2	Name : Fairus Hanum binti Mohammad Email : f_hanum@um.edu.my No Tel : 03-79672780
4.	Neuro Engineering Laboratory	A	2	Name : Fairus Hanum binti Mohammad Email : f_hanum@um.edu.my No Tel : 03-79672780
5.	Body Performance and Motion Analysis Laboratory	C	G	Name : Adhli Iskandar Putera Hamzah Email : aiputera@um.edu.my No Tel : 03-79672826
6.	Centre for Prosthetic and Orthotic Engineering (1)	C	1	Name : Razalee Rahimi Abd Manaf Email : razalee_zali@um.edu.my No Tel : 03-79674581
7.	Centre for Prosthetic and Orthotic Engineering (2)	C	2	Name : Azuan bin Othman Email : azone75@um.edu.my No Tel : 03-79672819
8.	BioMEMS Engineering Laboratory	C	4	Name : Yuslialif Bin Mohd Yusup Email : yuslialifyusup@um.edu.my No Tel : 03-79672785
9.	Biosensors and Embedded System Laboratory	C	4	Name : Mohd Khairul Amran Email : khairulamran@um.edu.my No Tel : 03-79674580
10.	Biomechanics and Sports Injury Laboratory	C	4	Name : Mohd Khairul Amran Email : khairulamran@um.edu.my No Tel : 03-79674580
11.	Human Informatics Design Laboratory	C	4	Name : Muhairizam Manan Email : muhairizam@um.edu.my No Tel : 03-79674581

12.	Cellular Engineering Laboratory	C	4	Name : Muhairizam Manan Email : muhairizam@um.edu.my No Tel : 03-79674581
13.	Human Centric Design Laboratory	D	G	Name : Adhli Iskandar Putera Hamzah Email : aiputera@um.edu.my No Tel : 03-79672826
14.	Biomaterials Laboratory	M	2	Name : Mohamad Zaki bin Jaafar Email : j_zaki@um.edu.my No Tel : 03-79672777
15.	Artificial Organ Laboratory	M	4	Name : Azuan bin Othman Email : azone75@um.edu.my No Tel : 03-79672819
16.	Tissue Engineering Laboratory	U	G	Name : Liyana Abu Email : liyana_9068@um.edu.my No Tel : 03-79672781

RESEARCH LAB

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Human Informatics Design Laboratory	C	4	Name : Muhairizam Manan Email : muhairizam@um.edu.my No Tel : 03-79674581
2.	Medical Imaging Laboratory	M	4	Name : Mohamad Zaki bin Jaafar Email : j_zaki@um.edu.my No Tel : 03-79672777
3.	Medical Computing Laboratory	M	4	Name : Mohamad Zaki bin Jaafar Email : j_zaki@um.edu.my No Tel : 03-79672777
4.	Electromagnetic Laboratory	M	4	Name : Fairus Hanum binti Mohammad Email : f_hanum@um.edu.my No Tel : 03-79672780
5.	Asian Cardiac Engineering Laboratory	M	5	Name : Liyana Abu Email : liyana_9068@um.edu.my No Tel : 03-79672781
6.	Advanced Prosthetics & Powered Protheses Laboratory	M	5	Name : Razalee Rahimi Abd Manaf Email : razalee_zali@um.edu.my No Tel : 03-79674581

DEPARTMENT OF ELECTRICAL ENGINEERING**TEACHING LAB**

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Machine Lab	Y	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748
2.	Control Lab	Y	G	Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
3.	Power Electronic Lab	Y	G	Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
4.	Power System Lab	Y	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748
5.	High Voltage Lab	Y	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748
6	Huawei Lab	Y	G	Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
7.	Signal System Lab	Y	G	Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
8.	Design Lab 1	Y	1	Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
9.	Design Lab 2	Y	1	Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
10.	Electronics Lab	Y	2	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my No Tel : 03-79675321
11.	Electrical Lab	Y	2	Name: Ahmad Faisal Bin Lope Ahmad Ariffin Email : faisalah@um.edu.my

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
				No Tel : 03-79675321
12.	Digital Lab	Y	3	Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721
13.	Pestech Lab	Y	3	Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721
14.	Electromagnetic Lab	Y	3	Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721
15.	Communication Lab	Y	4	Name : Mohammad Bin Said Email : mohdsaid@um.edu.my No Tel : 03-79672724
16.	Data Communication Lab	Y	4	Name : Mohammad Bin Said Email : mohdsaid@um.edu.my No Tel : 03-79672724
17.	Microprocessor Lab	Y	4	Name : Mohammad Bin Said Email : mohdsaid@um.edu.my No Tel : 03-79672724
18.	Satelite Lab	Y	4	Name : Mohammad Bin Said Email : mohdsaid@um.edu.my No Tel : 03-79672724
19.	PCB Lab	Y	4	Name : Mohammad Bin Said Email : mohdsaid@um.edu.my No Tel : 03-79672724

DEPARTMENT OF ELECTRICAL ENGINEERING

RESEARCH LAB

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Expert System and Optimization Lab	R	4	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my No Tel : 03-79675321 Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
2.	MEMS Lab	R	4	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my No Tel : 03-79675321 Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
3.	Microelectronics Reliability Lab	R	4	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my No Tel : 03-79675321 Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
4.	Mobile Computing Lab	R	4	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my No Tel : 03-79675321 Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
5.	Analog, Digital and RF Lab	R	4	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my No Tel : 03-79675321 Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
6.	Multi-Dimensional Micro-Nano System & Functional Device	R	6	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
				No Tel : 03-79675321 Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
7.	Wireless Networks Lab	R	6	Name : Mohd Syazwan Bin Safiee Email : syazwan@um.edu.my No Tel : 03-79675321 Name: Mohd Akmal Rizuan Bin Abd Rahman Email : mohdakmalrizuan@um.edu.my No Tel : 03-79675315
8.	Solid State Nanodevices Lab	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
9.	CISIP Lab	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
10.	EMRD Lab	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
11.	Applied Signal & System Lab	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
				Email : jai5683@um.edu.my No Tel : 03-79672717
12.	UMPES Lab	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
13.	VIP Lab	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
14.	Photonics Engineering Lab 1	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
15.	Photonics Engineering Lab 2	E	G	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717
16.	Flat Fibre Lab	N	G	Name: Ahmad Faisal Bin Lope Ahmad Ariffin Email : faisalah@um.edu.my No Tel : 03-79675321 Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
17.	ILRG Lab 1	M	4	<p>Name: Ahmad Faisal Bin Lope Ahmad Ariffin Email : faisalah@um.edu.my No Tel : 03-79675321</p> <p>Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721</p>
18.	ILRG Lab 2	M	4	<p>Name: Ahmad Faisal Bin Lope Ahmad Ariffin Email : faisalah@um.edu.my No Tel : 03-79675321</p> <p>Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721</p>
19.	ACR Lab	M	4	<p>Name: Ahmad Faisal Bin Lope Ahmad Ariffin Email : faisalah@um.edu.my No Tel : 03-79675321</p> <p>Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721</p>
20.	Center Of Intelligent Systems For Emerging Technology (CISSET) Lab	M	5	<p>Name: Ahmad Faisal Bin Lope Ahmad Ariffin Email : faisalah@um.edu.my No Tel : 03-79675321</p> <p>Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721</p>
21.	PEARL Lab	M	5	<p>Name: Ahmad Faisal Bin Lope Ahmad Ariffin Email : faisalah@um.edu.my No Tel : 03-79675321</p> <p>Mohd Isa Bin Mohd Hamdan Email : isa86@um.edu.my No Tel : 03-79672721</p>

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
22.	UM High Voltage Group (HVRG) Lab	Y	1	Name : Mohammad Bin Said Email : mohdsaid@um.edu.my No Tel : 03-79672724
23.	Motorola Solutions Lab	C	3	Name : Abdul Malik Bin Abdul Mulok Email : abdmalik17@um.edu.my No Tel: 03-79672748 Name : Mohd Zailani Bin Ab Aziz Email : jai5683@um.edu.my No Tel : 03-79672717

DEPARTMENT OF CHEMICAL ENGINEERING**TEACHING LAB**

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Plastic Testing Lab	V	G	Name : Ismail Hakim Nasirin Email : ismile@um.edu.my No Tel : 03-79672772
2.	Pilot Plant Lab	V	G	Name: Rustam Ramlan Email : ras64@um.edu.my No Tel : 03-79672775
3.	Fluids Lab	V	1	Name: Rizman bin A.Lateff Email : rizman2009@um.edu.my No Tel : 03-79672773
4.	Polymer Processing Lab.	V	G	Name :Sazali Mohd Sapie Email : sazly@um.edu.my No Tel : 03-79672773
5.	Workshop	V	G	Name : Sazali bin Mohd Sapie Email : sazly@um.edu.my No Tel : 03-79672773
6.	Physical Chemistry Lab 1	P	1	Name : Muhammad Noorhadi Bin Mohammad Email : hadi.mohammad@um.edu.my No Tel : 03-79672774
7.	Chemical Engineering Lab 1	W	G	Name : Muhammad Syarafi bin Mohd Syarif Email : syarafi@um.edu.my No Tel : 03-79672774
8.	Chemical Engineering Lab 2	P	G	Name: Rustam Ramlan Email : ras64@um.edu.my No Tel : 03-79672775

DEPARTMENT OF CHEMICAL ENGINEERING

RESEARCH LAB

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Mass Transfer Lab	V	1	Name : Azaruddin Ibrahim Email : azrdin@um.edu.my No Tel : 03-79672773
2.	Bioprocess Lab	V	1	Azira binti Idris Email : azira@um.edu.my No Tel : 03-79675286
3.	Thermodynamic Lab	V	1	Fazizah bt Abdullah Email : fazizah@um.edu.my No Tel : 03-79672770
4.	Reaction Engineering Laboratory	V	1	Name : Muhammad Kamalrul Ariffin bin Mohd Shariffuddin Email : kamalrul@um.edu.my No Tel : 03-79675206
5.	Instrumentation Lab	V	G	Name : Muhammad Norhadi bin Mohammad Email : hadi.mohammad@um.edu.my No Tel : 03-79672771
6.	Analytical Lab	V	G	Name : Muhammad Norhadi bin Mohammad Email : hadi.mohammad@um.edu.my No Tel : 03-79672771
7.	Membrane Technology Lab	V	G	Name : Muhammad Syarafi bin Mohd Syarif Email : syarafi@um.edu.my No Tel : 03-79672774
8.	Operation Unit Lab	V	1	Name : Fazizah bt Abdullah Email : fazizah@um.edu.my No Tel : 03-79672770
9.	Environmental Lab	W	1	Name : Muhammad Kamalrul Ariffin bin Mohd Shariffuddin Email : kamalrul@um.edu.my No Tel : 03-79675206

DEPARTMENT OF MECHANICAL ENGINEERING**TEACHING LAB**

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Statics Lab	C	5	Name : Muhammad Khloid bin Hashim Email : khloid@um.edu.my No Tel : 0139731808
2.	Mechanics of Materials Lab	C	5	Name : Sarimaniza Binti Hj Salleh Email: sarima@um.edu.my No Tel : 03-79677022 sambungan 4598
3.	Dynamics Lab	C	5	Name : Zainul Jamal Bin Ghiasuddin Email : zainulj@um.edu.my No Tel : 03-79677022 sambungan-2828
4.	Advanced Cutting Process Lab	C	B	Name : Nasarizam Bin Mohamed Email : nasarizam@um.edu.my No Tel : 03-79677022 sambungan 2764
5.	Fluid Mechanics Lab	J	G	Name : Mohd Asri Ismail Email : adi123@um.edu.my No Tel : 017-2514148
7.	Student Workshop	K	G	Name :Mohd Nasrul Bin Mohd Yusof Email: nasrul@um.edu.my No Tel : 03-79677022 sambungan 2769
8.	Heat Engine Lab	M	1	Name :Mohd Fauzi Bakri @ Hashim Email : mohd.fauzi@um.edu.my No Tel : 016-9169242
9.	Fundamental of Materials Lab	M	3	Name : Mohd Nazarul zaman bin Mohd Nazir Email : mnzman@um.edu.my No Tel : 019-6601776
10.	Metallurgy Lab	Q	1.5	Name : Shazalila Mohd Shah Email : haniest_shy@um.edu.my No Tel : 016-2833930
11.	Thermodynamic and Heat Transfer Lab	R	1	Name :Norzirah Hasan Email : norzirah@um.edu.my No Tel : 016-2091069
12.	Vibration Lab	R	5	Name : Mohd Taufiq Md Yusof Email : taufiqm@um.edu.my No Tel : 03-79674595

DEPARTMENT OF MECHANICAL ENGINEERING

RESEARCH LAB

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Precision Engineering Lab	C	4	Name : Zainul Jamal Bin Ghiasuddin Email : zainulj@um.edu.my No Tel : 03-79677022 sambungan 2828
2.	Metrology Lab	C	5	Name : Zainul Jamal Bin Ghiasuddin Email : zainulj@um.edu.my No Tel : 03-79677022 sambungan 2828
3.	Machine Design Lab	C	5	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
4.	Industrial Ergonomics Lab	C	5	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
5.	Virtual Reality Lab	C	5	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
6.	Heat Transfer & Fluid Mechanics Lab	C	5	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
7.	Vehicle Simulation Lab	C	5	N/A
8.	Metal Forming Lab	C	5	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin

				3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
9.	Industrial Engineering & Operations Management Lab	C	5	N/A
10.	Energy Materials Lab	J	1	N/A
11.	Furnace Lab	J	G	Name : Mohd Asri Ismail Email : adi123@um.edu.my No Tel : 017-2514148
12.	Powder Metallurgy Lab	K	1	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
13.	User Centered Design Lab	K	2	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
14.	Micro & High Speed Machining Lab	K	G	Name :Mohd Nasrul Bin Mohd Yusof Email: nasrul@um.edu.my No Tel : 03-79677022 sambungan 2769
15.	Nano Indenter Lab	M	1	Name : Amirul Hazimi Bin Abu Bakar Email : amirulhazimi@um.edu.my No Tel : 017-2256687
16.	Motoring Enjin Test Bed Lab	M	1	Name :Mohd Fauzi Bakri @ Hashim Email : mohd.fauzi@um.edu.my No Tel : 016-9169242
17.	Packaging Materials Lab	M	1	Name : Sarimaniza Binti Hj Salleh Email: sarima@um.edu.my No Tel : 03-79677022 sambungan 4598
18.	Mechanics of Soft Material Lab	M	1	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
19.	Energy Efficiency Lab 2	M	1	Name : Mohd Taufiq Md Yusof Email : taufiqm@um.edu.my

				No Tel : 03-79674595
20.	Surface Engineering Lab	M	2	Name : Nursiyadah Binti Abd Hamid Email: nursiyadah@um.edu.my No Tel : 019-5113381
21.	Advanced Material Processing Lab	M	2	Name : Nursiyadah Binti Abd Hamid Email: nursiyadah@um.edu.my No Tel : 019-5113381
22.	Energy Efficiency Lab 1	M	2	Name : Amirul Hazimi Bin Abu Bakar Email : amirulhazimi@um.edu.my No Tel : 017-2256687
23.	Polymer Fiber Lab	M	2	Name : Sarimaniza Binti Hj Salleh Email: sarima@um.edu.my No Tel : 03-79677022 sambungan 4598
24.	Tribology Lab	M	2	Name :Mohd Fauzi Bakri @ Hashim Email : mohd.fauzi@um.edu.my No Tel : 03-79672764
25.	Corrosion Lab	M	3	Name : Siti Rohaya Binti Ahmad Email : s.rohaya_a@um.edu.my No Tel : 03-79677022 sambungan 2658
26.	Electronic Materials Lab	M	3	Name : Nursiyadah Binti Abd Hamid Email: tin420@um.edu.my No Tel : 03-79677022 sambungan 2765
27.	Computational Fluid Dynamic (CFD) Lab	M	3	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
28.	Nano Micro Engineering Lab	M	3	Name : Siti Rohaya Binti Ahmad Email : s.rohaya_a@um.edu.my No Tel : 03-79677022 sambungan 2658
29.	Renewable Energy Lab	M	3	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
30.	Powder Lab	M	3	Name : Siti Rohaya Binti Ahmad Email : s.rohaya_a@um.edu.my No Tel : 03-79677022 sambungan 2658

31.	Coating Technology Lab	M	3	Name : Sarimaniza Binti Hj Salleh Email: sarima@um.edu.my No Tel : 03-79677022 sambungan 4598
32.	Control and Intelligent Lab	M	3	Name : Mohd Nazarul zaman bin Mohd Nazir Email : mnzman@um.edu.my No Tel : 03-79672827
33.	Automatic Stering Lab	M	3	N/A
34.	Research Workshop	M	3	Name : Mohd Nazarul zaman bin Mohd Nazir Email : mnzman@um.edu.my No Tel : 03-79672827
35.	Thin Film & Character Lab	M	4	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
36.	Fouling & Corrosion Lab	M	4	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
37.	Aerospace Lab	M	4	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
38.	Mechanicals of Soft Materials (II) Lab	M	4	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
39.	Manufacturing System Integration	M	4	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
40.	Structural Health Monitoring	M	5	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan

41.	Refrigeration and Cooling Lab	Q	3	Name : Shazalila Mohd Shah Email : haniest_shy@um.edu.my No Tel : 03-79677022 sambungan 2764
42.	Engine Tribology (MOA) Lab	Q	G	Name : Muhamad Ghazali Bin Rosdi Email : muhamadghazali@um.edu.my No Tel : 010-2007485
43.	Hydro Energy (In-pipe) Lab 2	Q	G	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
44.	Electromagnetic Materials Research Lab	R	1	Name :Norzirah Hasan Email : norzirah@um.edu.my No Tel : 016-2091069
45.	Advanced Materials Lab	R	1	Name :Norzirah Hasan Email : norzirah@um.edu.my No Tel : 016-2091069
46.	Turbine Lab	R	2	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
47.	Advanced Computational & Applied Mechanics (ACAM)	R	2	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan
48.	Ceramic Processing Lab	R	3	Name : Mohd Taufiq Md Yusof Email : taufiqm@um.edu.my No Tel : 03-79674595
49.	Energy Lab 2	R	3	Name : Muhammad Khlaid bin Hashim Email : khlaid@um.edu.my No Tel : 0139731808
50.	Lightweight Materials Lab	R	3	Lab Facility Team 1. Mohd Nazarul Zaman Bin Mohd Nazir 2. Zainul Jamal Bin Ghiasuddin 3. Nasarizam Bin Mohamed 4. Norzirah Binti Hasan

51.	Mechatronics & Instrumentation Lab	R	6	Name : Amirul Hazimi Bin Abu Bakar Email : amirulhazimi@um.edu.my No Tel : 017-2256687
52.	Thermal-Hydraulics Lab	X	G	Name : Mohd Asri Ismail Email : adi123@um.edu.my No Tel : 017-2514148
53.	Advance Manufacturing (AMMP)	M	1	N/A
54.	Industrial Machining	M	1	N/A

CENTRE LAB (CAREF)

RESEARCH LAB

NO	Laboratory's Name	Location		Staff In-Charge
		Block	Level	
1.	Central Advance Research Enabler Facility (CAREF)	M	2	Name : Noreena Binti Mohd Nor Email : noreena@um.edu.my No Tel : 03-79676865 Name : Mohamad Shukri Bin Abdul Jamil Email : shukri@um.edu.my No Tel : 03-79676865
2.	Field Emission Scanning Electron Microscope (FESEM)	M	1	Name : Nur Kamisah Binti Mohd Ishak Email : nkamisah@um.edu.my No Tel : 03-79676865 Name : Nik Fasihah Binti Ismail Email : nikfasihah@um.edu.my No Tel : 03-79676865
3.	Idea Realization Cube (Ir Cube)	D	1	Name : Mohamad Shukri Bin Abdul Jamil Email : shukri@um.edu.my No Tel : 03-79676865 Name : Noreena Binti Mohd Nor Email : noreena@um.edu.my No Tel : 03-79676865

OTHER FACILITIES

Bil	Room	Level	Block
1	Engineering Computing Centre 1	1	J
2	Engineering Computing Centre 2	2	J
3	Engineering Computing Centre 3	5	R
4	Engineering Computing Centre 4	2	V
5	Engineering Computing Centre 5	2	V
6	Engineering Computing Centre 6	3	Y
7	Engineering Computing Centre 7	3	Y
8	Engineering Library	6	M
9	Cafeteria (Ariff Sport Center Café)	G	L
10	Cafeteria (Clove Café)	4	L
11	Musolla for Male	G	K
12	Musolla for Female	2	L
13	Staff's Meeting Room (The Cube)	2	L
14	Staff's Meeting Room (Conference Room)	4	L
15	Staff's Meeting Room (Dean's Meeting Room)	4	L
16	Staff's Meeting Room (Alumni Room)	4	L
17	Study Room (Infineon Corner)	2	L
18	Sick Bay	G	L
19	Auditorium 1	4	U
20	Auditorium 2	1	Y
21	Lecture Hall 1 (DK1)	1	B
22	Lecture Hall 2 (DK2)	1	U
23	Lecture Hall 3 (DK3)	1	U
24	Lecture Hall 4 (DK4)	2	L
25	Lecture Hall 5 (DK5)	2	L
26	Lecture Hall 6 (DK6)	4	L
27	Lecture Hall 7 (DK7)	1	Y
28	Lecture Hall 8 (DK8)	1	Y
29	Lecture Hall 9 (DK9)	1	Y

Bil	Room	Level	Block
30	Lecture Room 101 (BK101) + 104 (BK104)	2	U
31	Lecture Room 102 (BK102) + 103 (BK103)	2	U
32	Lecture Room 105 (BK105)	2	U
33	Lecture Room 201 (BK201) + 204 (BK204)	3	U
34	Lecture Room 202 (BK202) + 203 (BK203)	3	U
35	Lecture Room 205 (BK205)	3	U
36	Lecture Room 301 (BK301)	3	U
37	Study Room	3	U
38	Study Room	3	U
39	Red Cube 1 (RC1)	1	D
40	Orange Cube 1 (OC1)	1	D
41	Green Cube 1 (GC1)	1	D
42	Purple Cube 1 (PC1)	1	D
43	Red Cube 2 (RC2)	2	D
44	Orange Cube 2 (OC2)	2	D
45	Green Cube 2 (GC2)	2	D
46	Lecture Room 204 (BP204)	2	D
47	IR Cube (Idea realization Cube)	G	D
48	Purple Cube (Block V)	2	V
49	BKK 3	2	V
50	BKK 4	2	V
51	The Cube 2	G	Y
52	Musollah (Prayer Room) Block U	4	U
53	Musollah (Prayer Room) Block V	G	V
54	Musollah (Prayer Room) Block Y	G	Y

GENERAL ENQUIRIES

**FOR GENERAL ENQUIRIES ON FACILITIES
PLEASE CONTACT:**

Office of Administration and Management (Development)
Faculty Of Engineering
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No. Tel: 03-79675307

LABORATORY & SAFETY

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ICT

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OPERATING HOURS : 8.30am - 5.00pm