

SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING

LIST OF COURSES FOR SEMESTER 2, ACADEMIC SESSION 2023/2024

NO	CODE / TITLE OF COURSES	UNIT	CW:EW	CW DISTRIBUTION	%	ACADEMIC STAFF
<b>LEVEL 100</b>						
1.	EEE125: Makmal Asas Litar [T] <i>(Basic Circuit Laboratory)</i>	3	100:0	Experiment Practical Test Project	45 20 35	<b>AP. Dr. Nor Muzlifah Mahyuddin*</b> Prof. Dr. Widad Ismail AP. Dr. Mohd Fadzli Mohd Salleh AP. Dr. Nur Syazreen Ahmad Ts. Dr. Noramalina Abdullah Dr. Aeizaal Azman Abd Wahab Dr. Nor Azlin Ghazali Dr. Nor Rizuan Mat Noor Dr. Nor Azidah Mohd Yusoff
2.	EEE130: Elektronik Digit I [T] <i>(Digital Electronic 1)</i>	3	40:60	Assignment Quiz Test	30 5 5	<b>Prof. Ir. Dr. Nor Ashidi Mat Isa*</b> AP. Dr. Patrick Goh Kuan Lye
3.	EEE131: Peranti Semikonduktor [T] <i>(Semiconductor Devices)</i>	3	40:60	Assignment Quiz Test	20 5 15	<b>Dr. Nur Zatil Ismah Hashim*</b> Ts. Dr. Siti Fatimah Abd Rahman
4.	EEL102: Amalan Kejuruteraan [T] <i>(Engineering Practice)</i>	2	100:0	Assignment Experiment Project Test	10 34 40 16	<b>Prof. Ir. Dr. Mohd Fadzil Ain*</b> Dr. Shaili Falina Mohd Sukri Dr. Selva Kumar Mariappan
5.	EEM103: Peranti Elektronik & Litar Analog <i>(Electronic Devices &amp; Analog Circuits)</i>	4	40:60	Assignment Quiz Test	20 5 15	<b>Dr. Nor Rizuan Mat Noor*</b> Ts. Dr. Siti Fatimah Abd Rahman
6.	EEU104: Teknologi Elektrik [T] <i>(Electrical Technology)</i> <i>(For PPKK, PPKBSM, PPKAero students)</i>	3	40:60	Assignment Quiz Test Tutorial	20 5 5 10	<b>AP. Dr. Zuraini Dahari*</b> AP. Dr. Zaini Abd Halim Ts. Dr. Noramalina Abdullah
7.	EMM102: Statik [T] <i>(Statics)</i>	3	40:60	Assignment Test	20 20	Offered by School of Mechanical Engineering
8.	EUM114: Kalkulus Kejuruteraan Lanjutan [T] <i>(Advanced Engineering Calculus)</i>	3	40:60	Assignment Quiz Test	30 4 6	<b>Dr. Aeizaal Azman Abd Wahab*</b> AP. Dr. Dzati Athiar Ramli
9.	WUS101: Keusahawanan [U] <i>(Entrepreneurship)</i> <i>(For Malaysian students)</i>	2	100:0	Participation in Planning Presentation Quiz Report	40 20 10 30	Offered by Co-Curriculum Center <b>Dr. Ahmad Nazri Ali (Coordinator)</b>

LEVEL 200						
10.	EEE226: Mikropemproses I [T] ( <i>Microprocessor I</i> )	3	100:0	Assignment Experiment Project Quiz Test	10 20 30 10 30	<b>AP. Dr. Zaini Abd Halim*</b> AP. Dr. Syed Sahal Nazli Alhady Syed Hassan Dr. Ahmad Nazri Ali Dr. Mohd Shahrime Mohd Asaari Dr. Sami Abdulla Mohsen Saleh
11.	EEE243: Makmal Elektronik Analog [T] ( <i>Analog Electronics Laboratory</i> )	3	100:0	Experiment Practical Test Presentation Project	30 25 10 35	<b>AP. Dr. Patrick Goh Kuan Lye*</b> AP. Dr. Bakhtiar Affendi Rosdi Dr. Mohamed Fauzi Packeer Mohamed Dr. Mohd Tafir Mustaffa Dr. Nur Zatil Ismah Hashim Mr. Zulfiqar Ali Abd Aziz
12.	EEE270: Elektronik Analog II [T] ( <i>Analogue Electronics II</i> )	3	40:60	Assignment Quiz Test	30 5 5	<b>Dr. Mohd Tafir Mustaffa*</b> Dr. Shaili Falina Mohd Sukri
13.	EEE276: Teori Elektromagnet [T] ( <i>Electromagnetic Theory</i> )	3	40:60	Assignment Quiz Report	25 10 5	<b>Prof. Dr. Widad Ismail*</b> Dr. Intan Sorfina Zainal Abidin
14.	EEK241: Teknologi Elektrik Kuasa [T] ( <i>Electrical Power Technology</i> )	3	40:60	Assignment Experiment Quiz Test	20 10 5 5	<b>Dr. Mohamed Salem Mohamed Othman*</b> Dr. Noor Zulaikha Daud
15.	EEK260: Mesin Elektrik [T] ( <i>Electrical Machines</i> )	3	40:60	Assignment Quiz Test	30 5 5	<b>Dr. Muhammad Najwan Hamidi*</b> AP. Ir. Dr. Dahaman Ishak AP. Ir. Dr. Mohamad Kamarol Mohd Jamil
16.	EEM222: Asas Dinamik & Mekanisma [T] ( <i>Fundamentals of Dynamics &amp; Mechanisms</i> )	4	40:60	Assignment Quiz Test	30 5 5	<b>Ir. Dr. Mohamad Tarmizi Abu Seman*</b> Dr. Wan Amir Fuad Wajdi Othman
17.	EEM253: Rekabentuk Mekatronik I [T] ( <i>Mechatronic Design 1</i> )	2	50:50	Assignment Experiment Project Test	5 10 20 15	<b>AP. Ts. Dr. Fatanah Mohamad Suhaimi*</b> AP. Dr. Khoo Bee Ee
18.	EUP222: Jurutera Dalam Masyarakat [T] ( <i>Engineer in Society</i> )	3	100:0	Assignment Test Project	20 40 40	Offered by School of Civil Engineering Ir. Dr Teoh Soo Siang Lecturers from School of Civil Engineering
19.	HFE224/2: Penghayatan Etika dan Peradaban [U] ( <i>Appreciation of Ethics and Civilisation</i> ) ( <i>For Malaysian students</i> )	2	100:0	Test Quiz Presentation Assignment	30 10 30 30	Offered by School of Humanities <b>Dr. Muhammad Firdaus Akbar Jalaludin Khan</b> <b>(Coordinator)</b>
20.	SEA205E: Kajian Malaysia ( <i>Malaysian Studies</i> ) ( <i>For international students – Second year</i> )	4	100:0	Assignment Presentation Essay	40 20 40	Offered by School of Social Sciences <b>AP. Dr. Dzati Athiar Ramli</b> <b>(Coordinator)</b>

LEVEL 300						
21.	EEE301: Pengujian dan Pengukuran Peranti Semikonduktor [E] <i>(Semiconductor Device Test and Measurement)</i>	4	50:50	Assignment Experiment Project Test	15 15 10 10	<b>Dr. Mohamed Fauzi Packeer Mohamed*</b> Dr. Selva Kumar Mariappan
22.	EEE322: Kejuruteraan Gelombang Mikro & RF [E] <i>(RF &amp; Microwave Engineering)</i>	4	50:50	Assignment Presentation Report Simulation Test	5 5 20 10 10	<b>Dr. Intan Sorfina Zainal Abidin*</b> Prof. Ir. Dr. Mohd Fadzil Ain
23.	EEE344: Sistem VLSI [E] <i>(System VLSI)</i>	4	50:50	Assignment Project Test	10 30 10	<b>Dr. Nor Azlin Ghazali*</b> AP. Dr. Asrulnizam Abd Manaf
24.	EEE348: Pengantar Rekabentuk Litar Bersepadu [T] <i>(Introduction to Integrated Circuit Design)</i>	3	50:50	Assignment Project Test	10 30 10	<b>AP. Dr. Bakhtiar Affendi Rosdi*</b> Dr. Jagadheswaran Rajendran
25.	EEE354: Sistem Kawalan Digit [T] <i>(Digital Control Systems)</i>	3	40:60	Assignment Quiz Test	30 3 7	<b>AP. Dr. Muhammad Nasiruddin Mahyuddin*</b> Ir. Dr. Gomesh Nair Shasidharan Dr. Sami Abdulla Mohsen Saleh
26.	EEE355: Robot & Pengautomatan [E] <i>(Robotic &amp; Automation)</i>	4	50:50	Assignment Project Quiz Test	10 30 4 6	<b>Dr. Abdul Sattar Din*</b> Prof. Ir. Ts. Dr. Mohd Rizal Arshad
27.	EEE377: Perhubungan Digit [E] <i>(Digital Communications)</i>	4	50:50	Assignment Test	38 12	<b>AP. Dr. Mohd Fadzli Mohd Salleh*</b> AP. Dr. Nor Muzlifah Mahyuddin
28.	EEE379: Sistem Komputer dan Multimedia [T] <i>(Computer System and Multimedia)</i>	3	50:50	Assignment Project Quiz Test	13 25 4 8	<b>AP. Dr. Haidi Ibrahim*</b> Dr. Mohd Nazri Mahmud
29.	EEK360: Makmal Elektrikal [T] <i>(Electrical Laboratory)</i>	3	100:0	Experiment Report	40 60	<b>Dr. Ooi Chia Ai*</b> AP. Ir. Ts. Dr. Teh Jiashen Ir. Dr. Muhammad Hafeez Mohamed Hariri Dr. Mohd Khairunaz Mat Desa Dr. Muhammad Najwan Hamidi
30.	EEK372: Analisis Sistem Kuasa [T] <i>(Power System Analysis).</i>	3	40:60	Assignment Simulation Test	20 10 10	<b>Ir. Dr. Muhammad Hafeez Mohamed Hariri*</b> Dr. Noor Zulaikha Daud
31.	EEK373: Elektronik Kuasa Lanjutan [E] <i>(Advanced Power Electronics)</i>	4	50:50	Assignment Test	38 12	<b>Dr. Mohd Khairunaz Mat Desa*</b> Dr. Ooi Chia Ai

32.	EEK374: Instrumentasi Elektrik dan Pengukuran [T] <i>(Electrical Instrumentations and Measurement)</i>	3	50:50	Assignment Project Test	25 15 10	<b>Ir. Dr. Teoh Soo Siang*</b> Dr. Mohamed Salem Mohamed Othman
33.	EEM323: Sistem Peralatan dan Pengukuran [T] <i>(Instrumentation and Measurement Systems)</i>	3	40:60	Assignment Quiz Test	25 5 10	<b>AP. Ir. Dr. Rosmiwati Mohd Mokhtar*</b> Prof. Ir. Ts. Dr. Mohd Rizal Arshad
34.	EEM343: Robotik [T] <i>(Robotics)</i>	3	50:50	Assignment Project Quiz Test	10 30 4 6	<b>Prof. Ir. Ts. Dr. Mohd Rizal Arshad*</b> Dr. Abdul Sattar Din
35.	EEM344: Makmal Mekatronik II [T] <i>(Mechatronics Laboratory II)</i>	2	100:0	Practical Test Report Test Viva voce	10 60 10 20	<b>Dr. Wan Amir Fuad Wajdi Othman*</b> AP. Dr. Wan Mohd Yusof Rahiman Wan Abdul Aziz AP. Dr. Zuraini Dahari Dr. Abdul Sattar Din
36.	EEM348: Prinsip Sistem Pintar [E] <i>(Principle of Intelligent Systems)</i>	4	50:50	Assignment Presentation Project Quiz Test	18 2 20 2 8	<b>Dr. Mohd Shahrime Mohd Asaari*</b> Prof. Ir. Ts. Dr. Shahrel Azmin Suandi
37.	EEM354: Pengurusan dan Teknologi Pembuatan [E] <i>(Manufacturing Management and Technology)</i>	4	50:50	Assignment Quiz Test	35 5 10	<b>AP. Dr. Wan Mohd Yusof Rahiman Wan Abdul Aziz*</b> Ir. Dr. Mohamad Tarmizi Abu Seman
<b>LEVEL 400</b>						
38.	EEE499: Project Prasiswazah [T] <i>(Undergraduate Project)</i> <i>(For Electronic Engineering students)</i>	6	100:0	Dissertation Proposal Report Technical Paper Viva voce	50 5 10 10 25	<b>AP. Dr. Haidi Ibrahim (Coordinator)</b>
39.	EEK470 Sistem Pengagihan Elektrik Kuasa [T] <i>(Electric Power Distribution System)</i>	4	40:60	Assignment Test	30 10	<b>AP. Ir. Ts. Dr. Teh Jiashen*</b> AP. Ir. Dr. Dahaman Ishak
40.	EEK499: Project Prasiswazah [T] <i>(Undergraduate Project)</i> <i>(For Electrical Engineering students)</i>	6	100:0	Dissertation Proposal Report Technical Paper Viva voce	50 5 10 10 25	<b>AP. Ir. Dr. Mohamad Kamarol Mohd Jamil (Coordinator)</b>
41.	EEM421: Kaedah Kualiti [T] <i>(Quality Techniques)</i>	4	50:50	Assignment Logbook Quiz Viva voce	20 18 8 4	<b>AP. Dr. Nur Syazreen Ahmad*</b> Ir. Dr. Gomesh Nair Shasidharan Lecturer from industry
42.	EEM499: Project Prasiswazah [T] <i>(Undergraduate Project)</i> <i>(For Mechatronic Engineering students)</i>	6	100:0	Dissertation Proposal Report	50 5 10	<b>AP. Dr. Khoo Bee Ee (Coordinator)</b>

				Technical Paper Viva voce	10 25	
43.	EEX400: Kajian Bebas [E] <i>(Independent Studies)</i>	4	100:0	Report	100	<b>AP. Ir. Dr. Rosmiwati Mohd Mokhtar</b> <b>(Coordinator)</b>
<b>LEVEL 500</b>						
44.	EKC500: Metodologi Penyelidikan Sains & Kejuruteraan [T] <i>(Science &amp; Engineering Research Methodology)</i>	3	100:0	Presentation Research Proposal	30 70	<b>AP. Dr. Muhammad Nasiruddin Mahyuddin</b> <b>(Coordinator)</b>
<b>LEVEL 500 – MSc ESDE In House</b>						
45.	EEE519: Disertasi [T] <i>(Dissertation)</i>	20	100:0	Dissertation	100	<b>Dr. Mohd Nazri Mahmud</b> <b>(Coordinator)</b>
46.	EEE533: Disertasi [T] <i>(Dissertation)</i>	28	100:0	Dissertation	100	<b>Dr. Mohd Nazri Mahmud</b> <b>(Coordinator)</b>
47.	EEE534: Antena dan Perambatan Termaju [E] <i>(Advanced Antenna and Propagation)</i>	4	50:50	Assignment Practical Report Report Test	15 15 10 10	<b>Prof. Dato' Ir. Dr. Faisal Rafiq Mahamd Adikan*</b> Dr. Muhammad Firdaus Akbar Jalaludin Khan
48.	EEE551: Sistem-Sistem Pintar [E] <i>(Intelligent Systems)</i>	4	50:50	Assignment Project Quiz Test	10 20 5 15	<b>AP. Dr. Syed Sahal Nazli Alhady Syed Hassan*</b> Prof. Ir. Dr. Nor Ashidi Mat Isa

**Note: \* Course leader.**