

SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING

LIST OF COURSES FOR SEMESTER 2, ACADEMIC SESSION 2019/2020

NO	CODE / TITLE OF COURSES	UNIT	CW%	EW%	CW DISTRIBUTION	ACADEMIC STAFF
LEVEL 100						
1.	EEE125: Makmal Asas Litar [T] (Basic Circuit Laboratory)	3	100	-	30% Test 40% Experiment 30% Mini Project	Dr. Muhammad Firdaus Akbar Jalaludin Khan* Dr. Mohd Shahrimie Mohd Asaari Dr. Nor Azlin Ghazali Dr. Noramalina Abdullah Dr. Abdul-Malik Haider Yusef Saad Dr. Nor Rizuan Mat Noor Ir. Dr. Teoh Soo Siang Dr. Mohd Ilyas Sobirin Mohd Sazali
2.	EEE130: Elektronik Digit I [T] (Digital Electronic 1)	3	30	70	10% Test 5% Quiz 15% Assignment	Dr. Patrick Goh Kuan Lye* Prof. Ir. Dr. Nor Ashidi Mat Isa
3.	EEE133: Peranti dan Litar Elektronik [T] (Electronic Devices and Circuits)	3	30	70	10% Test 5% Quiz 15% Assignment	PM Ir. Dr. Norlaili Mohd Noh* Dr. Nur Zatil Ismah Hashim
4.	EEL102: Amalan Kejuruteraan [T] (Engineering Practice)	2	100	-	16% Test 10% Assignment 34% Practical/ Experiment 40% Report	PM Dr. Nor Muzlifah Mahyuddin (Coordinator)
5.	EEU104: Teknologi Elektrik [T] (Electrical Technology) (For PPK Kimia, PPK Bahan & Sumber Mineral, PPK Aeroangkasa students)	3	30	70	10% Test 5% Quiz 15% Assignment	PM Dr. Zuraini Dahari* Dr. Noramalina Abdullah Dr. Samer Ahmed Al-Gailani Dr. Mohamed Salem Mohamed Othman
6.	EMM102: Statik (Statics) (For Mechatronic Eng students)	3				Academic staff from Pusat Pengajian Kejuruteraan Mekanik
7.	EUM114: Kalkulus Kejuruteraan Lanjutan (Advanced Engineering Calculus)	3	30	70	10% Test 5% Quiz 15% Assignment	PM Dr. Dzati Athiar Ramli* Dr. Aiezaal Azman Abd Wahab
8.	SEA205E: Malaysian Studies (For international students – Second year)	4				Dr. Mohamad Khairi Ishak (Coordinator)
9.	SHE101: Hubungan Etnik (Etnic Relationship) (For first year Electronic Eng and second year Electrical and Mechatronic Eng students)	2				Dr. Intan Sorfina Zainal Abidin (Coordinator)
10.	WUS101: Keusahawanan (Entrepreneurship)	2				Dr. Ahmad Nazri Ali (Coordinator)

LEVEL 200						
11.	EEE226: Mikropemproses I [T] (Microprocessor I)	3	100	-	20% Test 10% Quiz 30% Practical 40% Project	PM Dr. Zaini Abd Halim* PM Dr. Syed Sahal Nazli Alhady Syed Hassan Dr. Ahmad Nazri Ali
12.	EEE243: Makmal Elektronik Analog [T] (Analog Electronics Laboratory)	3	100	-	25% Practical Test 30% Experiment Report 35% Mini Project 10% Viva Voce	Dr. Mohamed Fauzi Packeer Mohamed* PM Ir. Dr. Arjuna Marzuki Dr. Mohamad Adzhar Md. Zawawi Dr. Mohd Tafir Mustaffa Dr. Samer Ahmed Al-Gailani Mr. Zulfiqar Ali Abd Aziz
13.	EEE270: Elektronik Analog II [T] (Analogue Electronics II)	3	30	70	10% Test 5% Quiz 15% Assignment	Dr. Mohd Tafir Mustaffa* Dr. Nur Zatil Ismah Hashim
14.	EEE276: Teori Elektromagnet [T] (Electromagnetic Theory)	3	30	70	5% Test 5% Quiz 10% Assignment 10% Group Activity	Dr. Nor Azlin Ghazali* Dr. Muhammad Firdaus Akbar Jalaludin Khan Dr. Intan Sorfina Zainal Abidin
15.	EEK241: Teknologi Elektrik Kuasa [T] (Electrical Power Technology)	3	40	60	15% Test 5% Quiz 20% Assignment	Ir. Dr. Teoh Soo Siang* PM Ir. Dr. Dahaman Ishak
16.	EEK260: Mesin Elektrik [T] (Electrical Machines)	3	30	70	10% Test 5% Quiz 15% Assignment	PM Ir. Dr. Dahaman Ishak* PM Ir. Dr. Mohd. Kamarol Mohd. Jamil Ir. Dr. Nor Asiah Muhamad
17.	EEM222: Asas Dinamik & Mekanisma [T] (Fundamentals of Dynamics & Mechanisms)	4	40	60	20% Test 20% Assignment	Dr. Wan Amir Fuad Wajdi Othman* Ir. Dr. Mohamad Tarmizi Abu Seman
18.	EEM253: Rekabentuk Mekatronik I (Mechatronic Design 1)	2	50	50	20% Test/Quiz 15% Project 10% Experiment 5% Assignment	PM Dr. Khoo Bee Ee*
19.	EUP222: Jurutera Dalam Masyarakat [T] (Engineer in Society)	3	40	60	20% Test 20% Assignment	Academic staff from Pusat Pengajian Kejuruteraan Awam
20.	HTU223: Tamadun Islam Tamadun Asia (TITAS)	2	40	60	-	Academic staff from Pusat Pengajian Ilmu Kemanusiaan
LEVEL 300						
21.	EEE301: Pengujian dan Pengukuran Peranti Semikonduktor [E] (Semiconductor Device Test and Measurement)	4	40	60	20% Test 10% Assignment 10% Project	Dr. Mohamad Adzhar Md. Zawawi* Dr. Mohamed Fauzi Packeer Mohamed
22.	EEE322: Kejuruteraan Gelombang Mikro & RF [E] (RF & Microwave Engineering)	4	50	50	10% Test 5% Assignment 5% Simulasi 5% Lisan 25% Laporan	Dr. Azniza Abd Aziz* Prof. Ir. Dr. Mohd Fadzil Ain
23.	EEE344: Sistem VLSI [E] (System VLSI)	4	50	50	20% Test 10% Assignment	PM Ir. Dr. Arjuna Marzuki* PM Dr. Asrulnizam Abd Manaf

					20% Project	
24.	EEE348: Pengantar Rekabentuk Litar Bersepadu [T] (<i>Introduction to Integrated Circuit Design</i>)	3	40	60	20% Test 10% Assignment 10% Project	Dr. Mohd Ilyas Sobirin Mohd Sazali* Dr. Jagadheswaran Rajendran
25.	EEE354: Sistem Kawalan Digit [T] (<i>Digital Control Systems</i>)	3	40	60	10% Test 10% Quiz 20% Assignment	PM Dr. Harsa Amylia Mat Sakim* Dr. Nur Syazreen Ahmad PM Dr. Muhammad Nasiruddin Mahyuddin
26.	EEE355: Robot & Pengautomatan [E] (<i>Robotic & Automation</i>)	4	40	60	10% Test 5% Quiz 5% Assignment, Experiment, Programming 20% Project	Dr. Abdul Sattar Din* PM Dr. Muhammad Nasiruddin Mahyuddin
27.	EEE377: Perhubungan Digit [E] (<i>Digital Communications</i>)	4	30	70	15% Test/Quiz 15% Assignment	PM Dr. Mohd Fadzli Mohd Salleh* PM Dr. Nor Muzlifah Mahyuddin
28.	EEE379: Sistem Komputer dan Multimedia [T] (<i>Computer System and Multimedia</i>)	3	40	60	10% Test 10% Quiz 20% Assignment	PM Dr. Junita Mohamad Saleh* PM Dr. Haidi Ibrahim
29.	EEK360: Makmal Kuasa [T] (<i>Electrical Laboratory</i>)	3	100	-	40% Test 60% Experiment Report	Ir. Dr. Nor Asiah Muhamad* Dr. Teh Jiashen Dr. Ooi Chia Ai Dr. Mohamed Salem Mohamed Othman
30.	EEK372: Analisis Sistem Kuasa [T] (<i>Power System Analysis</i>).	3	40	60	20% Test 10% Assignment 10% Mini Project / Simulation	Dr. Tay Lean Tien* Dr. Teh Jiashen
31.	EEK373: Elektronik Kuasa Lanjutan [E] (<i>Advanced Power Electronics</i>)	4	40	60	20% Test 10% Assignment 10% Experiment	Dr. Mohd Khairunaz Mat Desa* Dr. Ooi Chia Ai
32.	EEM323: Sistem Peralatan dan Pengukuran [T] (<i>Instrumentation and Measurement Systems</i>)	3	40	60	20% Test 20% Assignment	Dr. Abdul-Malik Haider Yusef Saad* Prof. Dr. Mohd Zaid Abdullah
33.	EEM343: Robotik [T] (<i>Robotics</i>)	3	30	70	10% Test 5% Quiz 15% Assignment	PM Dr. Muhammad Nasiruddin Mahyuddin* Dr. Abdul Sattar Din
34.	EEM344: Makmal Mekatronik II [T] (<i>Mechatronics Laboratory II</i>)	2	100	-	10% Test/Quiz 60% Laporan Experiment 10% Test Praktikal 20% Viva	Ir. Dr. Mohamad Tarmizi Abu Seman* Dr. Wan Mohd Yusof Rahiman Wan Abdul Aziz Dr. Wan Amir Fuad Wajdi Othman PM Dr. Zuraini Dahari
35.	EEM348: Prinsip Sistem Pintar [E] (<i>Principle of Intelligent Systems</i>)	4	40	60	10% Test 10% Assignment 20% Project	Dr. Mohd Shahrimie Mohd Asaari* PM Ts. Dr. Shahrel Azmin Suandi
36.	EEM 354: Pengurusan dan Teknologi Pembuatan [E] (<i>Manufacturing Management and Technology</i>)	4	40	60	15% Test 5% Quiz 20% Assignment	Dr. Anwar Hasni Nayan @ Abu Hassan* Dr. Wan Mohd Yusof Rahiman Wan Abdul Aziz

LEVEL 400						
37.	EEE499: Project Prasiswazah [T] (Undergraduate Project) (For Electronic Engineering students)	6	100	-	5% Research Proposal 10% Report 60% Dissertation 25% Viva voce	PM Dr. Haidi Ibrahim (Coordinator)
38.	EEK499: Project Prasiswazah [T] (Undergraduate Project) (For Electrical Engineering students)	6	100	-	5% Research Proposal 10% Report 60% Dissertation 25% Viva voce	PM Ir. Dr. Mohd. Kamarol Mohd. Jamil (Coordinator)
39.	EEM499: Project Prasiswazah [T] (Undergraduate Project) (For Mechatronic Engineering students)	6	100	-	5% Research Proposal 10% Report 60% Dissertation 25% Viva voce	PM Ir. Dr. Rosmiwati Mohd Mokhtar (Coordinator)
40.	EEM421: Kaedah Kualiti [T] (Quality Techniques)	4	40	60	5% Test 35% Assignment / Project	Dr. Nur Syazreen Ahmad* Dr. Mohamad Khairi Ishak Lecturer from industry
41.	EEX400: Kajian Bebas [E] (Independent Studies)	4	100	-	100% Project	PM Ir. Dr. Rosmiwati Mohd Mokhtar
LEVEL 500						
42.	EEE519: Disertasi (Dissertation)	20	100	-	100% Dissertation	PM Ts. Dr. Shahrel Azmin Suandi
43.	EEE533: Disertasi (Dissertation)	28	100	-	100% Dissertation	PM Ts. Dr. Shahrel Azmin Suandi
44.	EEE521: Rangkaian Komputer Dan Perhubungan Data (Computer and Data Communications Networks)	4	40	60	10%Test 10%Assignment 20% Project	Dr. Nor Rizuan Mat Noor* Dr. Mohd Nazri Mahmud
45.	EEE551: Sistem-Sistem Pintar (Intelligent Systems)	4	40	60	20%Test 10%Assignment 10%Project	PM Dr. Syed Sahal Nazli Alhady Syed Hassan* PM Dr. Junita Mohamad Saleh PM Dr. Harsa Amylia Mat Sakim

Note: * leader.