

SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING

LIST OF COURSES FOR SEMESTER 2, ACADEMIC SESSION 2018/2019

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

LEVEL 200						
11.	EEE226: Mikropemproses I [T] (<i>Microprocessor I</i>)	3	100	-	20% Test 10% Quiz 30% Practical 40% Project	PM Dr. Zaini Abd Halim* Dr. Syed Sahal Nazli Alhady Syed Hassan En. Ahmad Nazri Ali
12.	EEE243: Makmal Elektronik Analog [T] (<i>Analog Electronics Laboratory</i>)	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 Mustafa Dr. Samer Ahmed Al-Gailani Dr Patrick Goh Kuan Lye Dr. Nur Zatil Ismah Hashim
13.	EEE270: Elektronik Analog II [T] (<i>Analogue Electronics II</i>)	3	30	70	10% Test 5% Quiz 15% Assignment	Dr. Mohd Tafir Mustaffa* En. Zulfiqar Ali Abd Aziz
14.	EEE276: Teori Elektromagnet [T] (<i>Electromagnetic Theory</i>)	3	30	70	5% Test 5% Quiz 10% Assignment 10% Group Activity	Prof. Dr. Widad Ismail* Dr. Muhammad Firdaus Akbar Jalaludin Khan PM Ir. Dr. Syafrudin Masri
15.	EEK241: Teknologi Elektrik Kuasa [T] (<i>Electrical Power Technology</i>)	3	40	60	15% Test 5% Quiz 20% Assignment	Ir. Dr. Teoh Soo Siang* PM Ir. Dr. Dahaman Ishak* Ir. Dr. Nor Asiah Muhamad
16.	EEK260: Mesin Elektrik [T] (<i>Electrical Machines</i>)	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] (<i>Fundamentals of Dynamics & Mechanisms</i>)	4	40	60	20% Test 20% Assignment	Dr. Wan Amir Fuad Wajdi Othman* Ir. Dr. Mohamad Tarmizi Abu Seman
18.	EEM253: Rekabentuk Mekatronik I (<i>Mechatronic Design 1</i>)	2	50	50	20% Test/Quiz 15% Project 15% Experiment/ Assignment	Prof Madya Dr Khoo Bee Ee* PM Ir. Dr. Rosmiwati Mohd Mokhtar
19.	EUP222: Jurutera Dalam Masyarakat [T] (<i>Engineer in Society</i>)	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: Test dan Pengukuran Peranti Semikonduktor [E] (<i>Semiconductor Device Test and Measurement</i>)	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] (<i>RF & Microwave Engineering</i>)	4	50	50	10% Test 5% Assignment 5% Simulasi 5% Lisan 25% Laporan	Dr. Azniza Abd Aziz* Prof. Ir. Dr. Mohd Fadzil Ain Dr. Intan Sorfina Zainal Abidin

23.	EEE344: Sistem VLSI [E] (System VLSI)	4	50	50	20% Test 10% Assignment 20% Project	PM Ir. Dr. Arjuna Marzuki* PM Dr. Asrulnizam Abd Manaf Dr. Nor Azlin Ghazali
24.	EEE348: Pengantar Rekabentuk Litar Bersepadu [T] (Introduction to Integrated Circuit Design)	3	40	60	20% Test 10% Assignment 10% Project	Dr. Mohd Ilyas Sobirin Mohd Szali* PM Dr. Bakhtiar Affendi Rosdi Dr. Jagadheswaran Rajendran
25.	EEE354: Sistem Kawalan Digit [T] (Digital Control Systems)	3	40	60	10% Test 10% Quiz 20% Assignment	PM Dr. Harsa Amylia Mat Sakim* Dr. Hussein Salem Ali bin Samma
26.	EEE355: Robot & Pengautomatan [E] (Robotic & Automation)	4	40	60	10% Test 5% Quiz 5% Assignment, Experiment, Programming 20% Project	Dr. Abdul Sattar Din* Prof Madya Dr Khoo Bee Ee*
27.	EEE377: Perhubungan Digit [E] (Digital Communications)	4	30	70	15% Test/Quiz 15% Assignment	PM Dr. Mohd Fadzli Mohd Salleh* Dr. Nor Muzlifah Mahyuddin
28.	EEE379: Sistem Komputer dan Multimedia [T] (Computer System and Multimedia)	3	30	70	10% Test 5% Quiz 15% Assignment	PM Dr. Haidi Ibrahim* PM Dr. Junita Mohamad Saleh
29.	EEK360: Makmal Kuasa [T] (Electrical Laboratory)	3	100	-	40% Test 60% Experiment Report	Dr. Teh Jiashen* Dr. Ooi Chia Ai Dr. Mohamed Salem Mohamed Othman Ir. Dr. Teoh Soo Siang Dr. Mohd. Khairunaz Mat Desa Dr. Tay Lean Tien Dr. Muhammad Ammirul Atiqi Mohd Zainuri PM Ir Dr Syafrudin Masri
30.	EEK372: Analisis Sistem Kuasa [T] (Power System Analysis).	3	40	60	20% Test 10% Assignment 10% Mini Project / Simulation	Dr. Tay Lean Tien* Dr. Teh Jiashen
31.	EEK373: Elektronik Kuasa Lanjutan [E] (Advanced Power Electronics)	4	40	60	20% Test 10% Assignment 10% Experiment	Dr. Mohd Khairunaz Mat Desa* Dr. Ooi Chia Ai Dr. Muhammad Ammirul Atiqi Mohd Zainuri
32.	EEM323: Sistem Peralatan dan Pengukuran [T] (Instrumentation and Measurement Systems)	3	40	60	20% Test 20% Assignment	Dr. Abdul-Malik Haider Yusef Saad* Prof. Dr. Mohd Zaid Abdullah
33.	EEM343: Robotik [T] (Robotics)	3	30	70	10% Test 5% Quiz 15% Assignment	Dr. Abdul Sattar Din*
34.	EEM344: Makmal Mekatronik II [T] (Mechatronics Laboratory II)	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 Dr. Anwar Hasni Nayan @ Abu Hassan Dr. Zuraini Dahari

35.	EEM348: Prinsip Sistem Pintar [E] (Principle of Intelligent Systems)	4	40	60	10% Test 10% Assignment 20% Project	Dr. Syed Sahal Nazli Alhady Syed Hassan* PM Dr. Dzati Athiar Ramli PM Ts. Dr. Shahrel Azmin Suandi
36.	EEM 354: Pengurusan dan Teknologi Pembuatan [E] (Manufacturing Management and Technology)	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. Bakhtiar Affendi Rosdi (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. Mohamad Khairi Ishak* Dr. Nur Syazreen Ahmad Dr Aeizaal Azman b. Abd. Wahab Lecturer from industry
41.	EEX400: Kajian Bebas [E] (Independent Studies)	4	100	-	100% Project	Prof Ir. Dr. Nor Ashidi Mat Isa
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. Junita Mohamad Saleh* PM Dr. Harsa Amylia Mat Sakim Dr. Hussein Salem Ali bin Samma

Note: * leader.