

SCHOOL OF ELECTRICAL AND ELECTRONIC ENGINEERING

LIST OF COURSES FOR SEMESTER 1, ACADEMIC SESSION 2019/2020

NO	CODE / TITLE OF COURSES	UNIT	CW%	EW%	CW DISTRIBUTION	ACADEMIC STAFF
LEVEL 100						
1.	EEE105: Teori Litar I [T] <i>(Circuit Theory I)</i>	3	30	70	10% test 5% quiz 15% assignment	Dr Mohamed Fauzi Packeer Mohamed* Prof Ir Dr Nor Ashidi Mat Isa Dr Nor Azlin Ghazali
2.	EEE123: Pengaturcaraan Komputer untuk Jurutera [T] <i>(Computer Programming for Engineers)</i>	3	100	-	50% test 30% assignment 20% programming	Prof Madya Dr Junita Mohamad Saleh*
3.	EEM101: Prinsip dan Mekanik Bahan [T] <i>(Principles and Mechanics of Materials)</i>	3	40	60	15% test 5% quiz 20% assignment	Ir Dr Mohamad Tarmizi Abu Seman* Dr Anwar Hasni Abu Hassan Dr Zuraini Dahari
4.	EEM102: Amalan Kejuruteraan Mekanik [T] <i>(Mechatronic Engineering Practice)</i> (For mechatronic engineering students)	2	100	-	20% test 20% assignment 20% practical 20% practical report 20% mini project	Dr Nor Rizuan Mat Noor
5.	EEU104: Teknologi Elektrik [T] <i>(Electrical Technology)</i> (For mechanical engineering students)	3	30	70	10% test 5% quiz 15% assignment	Dr Noramalina Abdullah* Prof Madya Ir Dr Dahaman Ishak Dr Tay Lea Tien
6.	EUM113: Kalkulus Kejuruteraan [T] <i>(Engineering Calculus)</i>	3	30	70	10% test 5% quiz 15% assignment	Prof Madya Dr Dzati Athiar Ramli* Dr Noramalina Abdullah
7.	EBB113: Bahan Kejuruteraan [T] <i>(Engineering Material)</i> (For electrical and electronic engineering students)	3	30	70	10% test 10% assignment 10% tutorial	Offered by PPKBSM
8.	EMD111: Lukisan Kejuruteraan dan Reka Bentuk Berbantuan Komputer [T] <i>(Engineering Drawing and Computer Aided Design)</i> (For mechatronic engineering students)	2	100	-	30% test 70% assignment	Offered by PPKM
9.	EMM101: Mekanik Kejuruteraan [T] <i>(Engineering Mechanical)</i> (For electrical and electronic engineering students)	3	40	60	20% test 20% assignment	Offered by PPKM
LEVEL 200						
10.	EEE208: Teori Litar II [T] <i>(Circuit Theory II)</i>	3	30	70	10% test 5% quiz	Dr Patrick Goh Kuan Lye* Dr Nor Muzlifah Mahyuddin

					15% assignment	Dr Samer Ahmed Abdulqader Al-Gailani
11.	EEE228: Isyarat dan Sistem [T] (Signal and System)	3	30	70	10% test 5% quiz 15% assignment	Dr Zuraini Dahari* Prof Dr Widad Ismail Prof Madya Dr Harsa Amylia Mat Sakim
12.	EEE231: Makmal Elektronik Digit [T] (Digital Electronics Laboratory)	3	100	-	30% test 40% practical report 30% mini project	Dr Ahmad Nazri Ali* Dr Nur Zatil Ismah Hashim Dr Patrick Goh Kuan Lye Dr Mohd Tafir Mustaffa Dr Muhammad Firdaus Akbar Jalaludin Khan Dr Mohamad Adzhar Md Zawawi
13.	EEE232: Analisis Kompleks [T] (Complex Analysis)	3	40	60	10% test 10% quiz 20% assignment	Dr Nur Zatil Ismah Hashim* Prof Madya Dr Dzati Athiar Ramli Dr Mohamed Salem Mohamed Othman
14.	EEE241: Elektronik Analog I [T] (Analog Electronic I)	3	30	70	10% test 5% quiz 15% assignment	Dr Mohd Tafir Mustaffa * Prof Madya Ir Dr Norlaili Mohd Noh Dr. Jagadheswaran Rajendran
15.	EEM223: Termobendalir [T] (Thermofluids)	3	40	60	15% test 5% quiz 20% assignment	Dr Wan Mohd Yusof Rahiman Wan Abdul Aziz* Dr. Abdul Sattar Din Dr Muhammad Nasiruddin Mahyuddin
16.	EEM242: Makmal Mekatronik 1 [T] (Mechatronic Laboratory 1)	2	100	-	20% practical test 20% quiz 30% practical report 30% mini project	Prof Madya Dr Harsa Amylia Mat Sakim* Prof Madya Ir Dr Norlaili Mohd Noh Dr Mohd Ilyas Sobirin Mohd Sazali Dr Wan Amir Fuad Wajdi Othman
PERINGKAT 300						
17.	EEE320: Mikropemproses II [T] (Microprocessor II)	3	50	50	10% test 5% quiz 15% practical test 20% mini project	Prof Madya Dr Zaini Abdul Halim* Dr Syed Sahal Nazli Alhady Syed Hassan
18.	EEE332: Perhubungan [T] (Communication)	4	30	70	10% test 10% assignment 10% report	Dr Intan Sorfina Zainal Abidin * Prof Dr Widad Ismail Dr Nor Azlin Ghazali
19.	EEE350: Sistem Kawalan [T] (Control Systems)	3	40	60	5% test 10% quiz 25% assignment	Dr Nur Syazreen Ahmad* Dr Azniza Abd Aziz Dr Hussein Salem Ali Samma
20.	EEE378: Elektronik Digit II [T] (Digital Electronic II)	3	40	60	15% test 5% quiz 5% assignment 15% mini project	Dr Mohd Ilyas Sobirin Mohd Sazali* Dr Ahmad Nazri Ali
21.	EEE382: Kebarangkalian dan Statistik Kejuruteraan [T] (Probability & Engineering Statistic)	3	40	60	10% test 5% quiz 25% assignment	Dr Teh Jiashen* Dr Aeizaal Azman Abdul Wahab Dr Samer Ahmed Abdulqader Al-Gailani

22.	EEK361: Elektronik Kuasa [T] (Power Electronics)	3	40	60	14% test 6% quiz 20% assignment	Dr Mohd Khairunaz Mat Desa* Ir Dr Teoh Soo Siang
23.	EEK369: Sistem Voltan Tinggi [T] (High Voltage System)	3	40	60	15% test 5% quiz 20% assignment	Ir Dr Nor Asiah Muhamad* Prof Madya Ir Dr Mohd Kamarol Mohd Jamil
24.	EEM353: Rekabentuk Kejuruteraan Mekanik [T] (Mechanical Engineering Design)	3	40	60	15% test 10% project 15% assignment	Dr Anwar Hasni Abu Hassan* Ir Dr Mohamad Tarmizi Abu Seman Dr Wan Mohd Yusof Rahiman Wan Abdul Aziz
25.	EEM355: Sistem Mekatronik [T] (Mechatronic System)	3	40	60	15% test 25% assignment	Dr. Wan Amir Fuad Wajdi Othman* Prof Madya Ir Dr Rosmiwati Mohd Mokhtar
26.	EEL303: Latihan Industri [T] (Industrial Training) <i>Note: Students, who completed industrial training during long vacation Academic Session 2018/2019, must register this course</i>	5	100	-	30% logbook 30% presentation 40% report	Prof Ir Dr Nor Ashidi Mat Isa (Coordinator)
PERINGKAT 400						
27.	EEE424: Rekabentuk Kejuruteraan Elektronik [T] (Electronic Engineering Design)	3	100	-	40% project report 25% viva voce 25% presentation 10% logbook	Dr Mohd Shahrime Mohd Asaari (Coordinator)
28.	EEE430: Kejuruteraan Perisian [E] (Software Engineering)	4	40	60	20% test 4% quiz 6% assignment 10% mini project	Prof Madya Ts Dr Shahrel Azmin Suandi* Prof Madya Dr Bakhtiar Affendi Rosdi Dr Hussein Salem Ali Samma
29.	EEE432: Antena dan Perambatan [E] (Antennas and Propagation)	4	50	50	10% test 10% assignment 15% practical 15% report	Dr Muhammad Firdaus Akbar Jalaludin Khan* Dr Azniza Abd Aziz
30.	EEE440: Sistem Perhubungan Moden [E] (Modern Communication Systems)	4	40	60	20% test 10% assignment 10% mini project	Dr Nor Muzlifah Mahyuddin* Prof Madya Dr Mohd Fadzli Mohd Salleh
31.	EEE443: Pemprosesan Isyarat Digit [T] (Digital Signal Processing)	3	30	70	8% test 6% quiz 16% assignment	Prof Madya Dr Haidi Ibrahim* Dr Mohd Shahrime Mohd Asaari
32.	EEE445: Rekabentuk Litar Analog Bersepadu [E] (Design of Integrated Analog Circuits)	4	40	60	10% test 15% assignment 15% practical	Prof Madya Ir Dr Arjuna Marzuki* Dr Mohamed Fauzi Packeer Mohamed
33.	EEE449: Rangkaian Komputer [E] (Computer Networks)	4	30	70	15% test 10% assignment 5% report	Prof Madya Dr Mohd Fadzli Mohd Salleh* Dr Mohamad Khairi Ishak
34.	EEE453: Rekabentuk Sistem Kawalan [E] (Control System Design)	4	40	60	10% test 5% quiz	Dr. Abdul Sattar Din* Dr Nur Syazreen Ahmad

					5% assignment 20% mini project	Dr Abdul Malik Haider Yusef Saad
35.	EEE499: Projek Prasiswazah [T] (Undergraduate Project)	6	100	-	5% proposal 20% report 50% dissertation 25% viva voce	Prof Madya Dr Bakhtiar Affendi Rosdi (Coordinator)
36.	EEK425: Rekabentuk Kejuruteraan Elektrikal [T] (Electrical Engineering Design)	3	100	-	40% project report 25% viva voce 25% presentation 10% logbook	Ir Dr Nor Asiah Muhamad (Coordinator)
37.	EEK468: Mesin dan Pacuan Elektrik [T] (Electrical Machine and Drives)	3	40	60	20% test 20% assignment	Dr Ooi Chia Ai* Dr Mohd Khairunaz Mat Desa
38.	EEK470: Sistem Pengagihan Elektrik Kuasa [E] (Electrical Power Distribution System)	4	40	60	15% test 5% quiz 20% assignment	Ir Dr Teoh Soo Siang* Dr Teh Jiashen
39.	EEK474: Rekabentuk Mesin Elektrik [E] (Electrical Machine Design)	4	40	60	10% test 10% quiz 10% assignment 10% simulation	Prof Madya Ir Dr Dahaman Ishak* Prof Madya Ir Dr Syafrudin Masri
40.	EEK475: Ekonomi dan Pengurusan Sistem Kuasa [E] (Economy and Management on Power System)	4	40	60	10% test 10% quiz 20% assignment	Dr Tay Lea Tien* Dr Mohamed Salem Mohamed Othman
41.	EEK499: Projek Prasiswazah [T] (Undergraduate Project)	6	100	-	5% proposal 20% report 50% dissertation 25% viva voce	Prof Madya Ir Dr Mohd Kamarol Mohd Jamil (Coordinator)
42.	EEM422: Penglihatan Mesin [T] (Machine Vision)	2	40	60	20% test 1% assignment 2% practical 2% programming 15% mini project	Prof Madya Dr Khoo Bee Ee* Dr Nor Rizuan Mat Noor
43.	EEM424: Teori Rekabentuk Ujikaji [E] (Design of Experiments)	4	40	60	10% test 10% assignment 20% project	Dr Aezaal Azman Abdul Wahab* Dr Mohd Nazri Mahmud
44.	EEM425: Sistem Rekabentuk Mekatronik [T] (Mechatronics System Design)	3	100	-	40% project report 25% viva voce 25% presentation 10% logbook	Dr Mohamad Khairi Ishak (Coordinator)
45.	EEM441: Makmal Peralatan Dan Kawalan [T] (Instrumentation and Control Lab)	2	100	-	50% report 50% viva voce	Prof Madya Dr Asrulnizam Abd Manaf* Prof Madya Dr Khoo Bee Ee Dr Muhammad Nasiruddin Mahyuddin
46.	EEM499: Projek Prasiswazah [T] (Undergraduate Project)	6	100	-	5% proposal 20% report 50% dissertation 25% viva voce	Prof Madya Ir Dr Rosmiwati Mohd Mokhtar (Coordinator)

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47.	EEE505: Rekabentuk Litar Bersepadu Analog Termaju [T] <i>(Advanced Analogue Integrated Circuit Design)</i>	4	40	60	10% test 5% quiz 10% assignment 15% mini project	Prof Madya Ir Dr Arjuna Marzuki* Dr. Mohammad Adzhar Md Zawawi
48.	EEE512: Pemprosesan Isyarat Digit Dan Imej Lanjutan [E] <i>(Advanced Digital Signal and Image Processing)</i>	4	40	60	14% test 6% quiz 20% assignment	Prof Madya Dr Haidi Ibrahim* Dr Abdul Malik Haider Yusef Saad
49.	EEE519: Disertasi [T] <i>(Dissertation)</i> (Pelajar ESDE – mod 50:50)	20	100	-	100% dissertation	Prof Madya Ts Dr Shahrel Azmin Suandi (Coordinator)
50.	EEE520: Sistem Mikropemproses Terbenam [T] <i>(Embedded Microprocessor Systems)</i>	4	40	60	20% test 20% mini project	Dr Syed Sahal Nazli Alhady Syed Hassan* Prof Madya Dr Zaini Abdul Halim
51.	EEE533: Disertasi [T] <i>(Dissertation)</i> (Pelajar ESDE – mod 30:70)	28	100	-	100% dissertation	Prof Madya Ts Dr Shahrel Azmin Suandi (Coordinator)
52.	EEE532: Rekabentuk Litar Mikrogelombang [E] <i>(Microwave Circuit Design)</i>	4	50	50	20% test 30% mini project	Dr Intan Sorfina Zainal Abidin* Prof Ir Dr Mohd Fadzil Ain
53.	EEE542: Elektronik Kuasa Industri [E] <i>(Industrial Power Electronics)</i>	4	40	60	20% test 20% mini project / assignment	Dr Ooi Chia Ai* Prof Madya Ir Dr Syafrudin Masri

Note: * refers to course leader.