

FACULTY ELECTRICAL ENGINEERING
COURSES OFFER 2026/2027-1

NO.	PROGRAM	SECTION	CORE/ ELECTIVE	PRISMS	FINAL EXAM	COURSES	NAME COURSES	LECTURER
1	MKEC	01	CORE	SKEL5193	YES	MKEC1193	ADVANCED ANALOG CMOS IC DESIGN	DR. JAMALUDDIN BIN ZAKARIA
2	MKEC	01	CORE	SKEL5113	YES	MKEC1113	ADVANCED NANO-ELECTRONIC DEVICES	TS. DR. NURUL EZAILA BINTI ALIAS
3	MKEC	01	ELECTIVE		NO	MKEC1273	VLSI DESIGN AUTOMATION	PM IR DR AB AL-HADI BIN AB RAHMAN
4	MKEC	01	ELECTIVE		NO	MKEC1133	INTEGRATED CIRCUIT TESTING	DR NORLINA BINTI PARAMAN
5	MKEC	01	ELECTIVE		NO	MKEC1143	ADVANCED DIGITAL SIGNAL PROCESSING	PROF DR SYED ABD RAHMAN SYED ABU BAKAR
6	MKET	01	CORE	SKET5513	YES	MKET1513	SUSTAINABLE DESIGN, ENGINEERING & MANAGEMENT	ASSOC. PROF. IR. DR. MOKHTAR HARUN
7	MKET	01	CORE	SKET5423	YES	MKET1593	ADVANCED WIRELESS COMMUNICATION SYSTEMS	PROF. IR. DR. SHARUL KAMAL ABDUL RAHIM
8	MKET	01	CORE	NO	YES	MKET1433	RF/MICROWAVE AND ANTENNA DESIGN	ASSOC. PROF. IR. DR. MOHD HAIZAL JAMALUDDIN
9	MKET	01	ELECTIVE		YES	MKET1393	NETWORK MODELING & PERFORMANCE	ASSOC. PROF. DR. KAMALUDIN MOHD YUSOF
10	MKET	01	ELECTIVE		NO	MKET1613	NETWORK SECURITY AND FORENSICS	DR KHALED ABDULAZIZ ALAGHBARI
11	MKET	01	ELECTIVE		YES	MKET1563	ADVANCED OPTICAL FIBER COMMUNICATION	ASSOC. PROF. DR. MOHD HANIFF IBRAHIM
12	MKEK	01	CORE	SKEE5563	YES	MKEK1743	POWER QUALITY AND ENERGY EFFICIENCY	ASSOC. PROF. IR TS DR DALILA BINTI MAT SAID
13	MKEK	01	CORE	SKEE5533	YES	MKEK1753	POWER ELECTRONICS IN ENERGY CONVERSION SYSTEMS	ASSOC. PROF. IR DR MOHD JUNAIDI BIN ABDUL AZIZ
14	MKEK	01	ELECTIVE		NO	MKEK 1503	ENGINEERING PROJECT MANAGEMENT	IR DR SYED NORAZIZUL BIN SYED NASIR
15	MKEK	01	ELECTIVE		NO	MKEK 1683	ALTERNATIVE ENERGY SYSTEMS AND TECHNOLOGIES	ASSOC. PROF. IR TS DR TAN CHEE WEI
16	MKEB	01	CORE	SEBB5013	YES	MKEB1013	DIAGNOSTIC AND THERAPEUTIC TECHNOLOGY	TS. DR. AIZREENA AZAMAN & ASSOC. PROF. IR. TS. DR. ASNIDA ABDUL WAHAB
17	MKEB	01	CORE	SEBB5043	YES	MKEB1043	BIOMECHANICS	ASSOC. PROF.. IR. TS. DR. MUHAMMAD HANIF RAMLEE
18	MKEB	01	CORE	NO	YES	MKEB1023	HOSPITAL OPERATION AND MANAGEMENT	DR. LUKMAN HAKIM ISMAIL & ASSOC. PROF.. DR MAHEZA IRNA MOHAMAD SALIM
19	MKEB	01	ELECTIVE		NO	MKEB1133	BIOMEDICAL MEASUREMENT TECHNIQUE	DR. NOOR AIMIE BINTI SALLEH
20	MKEB	01	ELECTIVE		NO	MKEB1073	INTRODUCTION TO BIOSTATISTICS	ASSOC. PROF. TS. DR. RANIA HUSSEIN AHMED AL- ASHWAL
21	MKEB	01	ELECTIVE		NO	MKEB 1183	BIOMATERIALS CHARACTERIZATION AND ANALYSIS	ASSOC. PROF. DR. SYAFIQAH SAIDIN
22	MKEA	01	CORE	NO	YES	MKEA1803	EMBEDDED CONTROL SYSTEM	ASSOC. PROF. IR DR MOHAMAD SHUKRI ZAINAL ABIDIN
23	MKEA	01	CORE	SEEM5703	YES	MKEA1703	CONTROL SYSTEM ENGINEERING	ASSOC. PROF. TS DR HERMAN WAHID
24	MKEA	01	ELECTIVE		NO	MKEA1883	AUTONOMOUS MOBILE ROBOTICS	ASSOC. PROF. IR TS DR MOHD RIDZUAN AHMAD
25	MKEA	01	ELECTIVE		NO	MKEA1963	DEEP LEARNING	PROF. IR. DR HAZLINA SELAMAT
26	ALL	01	CORE		NO	MKEE1013	INTRODUCTION TO RESEARCH METHODOLOGY	PROF. IR. DR. RUBITA SUDIRMAN