

SENARAI KURSUS-KURSUS IJAZAH SARJANA MUDA YANG DITAWARKAN UNTUK SEMESTER I
SIDANG AKADEMIK 2024/2025

BIL	KOD DAN TAJUK KURSUS			PRA SYARAT	TENAGA PENGAJAR
TAHUN 1 (1ST YEAR)					
1	ZCA 101/4	PHYSICS I (MECHANICS)	FIZIK I (MEKANIK)		DR. LOH WAI MING DR. NURHAFIZAH MD DISA
2	ZCT 103/3	PHYSICS III (VIBRATIONS, WAVES AND OPTICS)	FIZIK III (GETARAN GELOMBANG DAN OPTIK)		DR. MUHAMMAD RABIE OMAR DR. NUR NABIHAH YUSOF
3	ZCA 110/4	CALCULUS	KALKULUS		PROF. MADYA DR. YOON TIEM LEONG
4	ZGT 171/3	FIZIKAL GEOLOGI DAN HIDROGEOLOGI	PHYSICAL GEOLOGY AND HYDROLOGY	(S) ZCA 101/4	DR. TEOH YING JIA
5	ZCT 191/2	PHYSICS PRACTICAL I	AMALI FIZIK I		PROF. MADYA DR. LIM SIEW CHOO / KUMPULAN
TAHUN 2 (2ND YEAR)					
1	ZCT 206/3	ELECTRONICS II	ELEKTRONIK II	(S) ZCT 106/3	DR. MOHD FAREEZUAN ABDUL AZIZ DR. AFIQ ARIF AMINUDDIN JAFRY
2	ZCT 210/4	COMPLEX ANALYSIS AND DIFFERENTIAL EQUATIONS	ANALISIS KOMPLEKS DAN PERSAMAAN PEMBEZAAN	(S) ZCA 110/4 or (S) MAA 101/4	DR. WAN MOHAMAD HUSNI WAN MOKHTAR
3	ZCT 214/3	THERMODYNAMICS	TERMODINAMIK	(S) ZCA 102/4	DR. LOH WAI MING
4	ZCT 215/3	OPTICS	OPTIK	(S) ZCT 103/3	DR. BEH KHI POAY
5	ZGT 276/3	SOLID EARTH GEOPHYSICS	GEOFIZIK BUMI PEPEJAL	(S) ZGT 172/3	DR. ISMAIL AHMAD ABIR
6	ZGT 278/3	SIEMIC EXPLORATION GEOPHYSICS	GEOFIZIK PENCARIGALIAN SISMIC	(C) ZGT 276/3	DR. NUR AZWIN ISMAIL
7	ZGT 285/3	INTRODUCTION TO METEOROLOGY	PENGHANTAR METEOROLOGI	(C) ZGT 276/3	DR. NUR AZWIN ISMAIL DR. NORHASLINDA MOHAMED TAHRIN
8	ZCE 275/4	INTRODUCTION TO ASTRONOMY	PENGANTAR ASTRONOMI		DR. IDAHWATI SARUDIN
9	ZAE 282/3	MATERIAL SCIENCE	SAINS BAHAN	(C) ZCT 214/3	PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA DR. AHMAD RUJHAN MOHD RAIS
10	ZCT 293/2	PHYSICS PRACTICAL III	AMALI FIZIK III	(S) ZCT 191/2 or (S) ZCT 192/2	DR. WONG KHAI MING / KUMPULAN
11	ZGT 295/4	GEOPHYSICS PRACTICAL (Two Semesters)	GEOFIZIK AMALI (Dua Semester)	(S) ZGT 190/2	DR. ANDY ANDERSON BERY / KUMPULAN
TAHUN 3 (3RD YEAR)					
1	ZCE 305/3	ATOMIC AND NUCLEAR PHYSICS	FIZIK ATOM DAN FIZIK NUKLEAR	(S) ZCT 205/3	DR. WONG KHAI MING DR. MUHAMMAD RABIE OMAR
2	ZCT 307/3	SOLID STATE PHYSICS I	FIZIK KEADAAN PEPEJAL I	(S) ZCT 205/3	PROF. MADYA DR. QUAH CHING KHENG DR. ABDUL HADI BIN SULAIMAN
3	ZCT 314/3	STATISTICAL MECHANICS	MEKANIK STATISTIK	(S) ZCT 214/3	PROF. MADYA DR. LIM SIEW CHOO
4	ZCE 321/3	THE ENGINEER IN SOCIETY	JURUTERA DALAM MASYARAKAT		PROF. MADYA DR. AHMAD FAIRUZ OMAR
7	ZKT 327/3	SOLID STATE LIGHTING	PENCAHAYAAN KEADAAN PEPEJAL	(C) ZCT 307/3	PROF. MADYA DR. YAM FONG KWONG/ PROF. DR. MD ROSLAN HASHIM
8	ZMT 333/3	NUCLEAR MEDICINE	PERUBATAN NUKLEAR	(S) ZCT 104/3	DR. NIK NOOR ASHIKIN NIK ABD RAZAK
9	ZME 336/4	MEDICAL INSTRUMENTATION	INSTRUMENTASI PERUBATAN	(S) ZCT 106/3	DR. YASMIN MD RADZI
10	ZGT 372/3	INTRODUCTION TO OCEANOGRAPHY	PENGANTAR OSEANOGRAFI	(S) ZCA 101/4 and (S) ZGT 172/3	DR. SYA'RAWI MUHAMMAD HUSNI MOHD SHARONI
11	ZGT 374/4	REMOTE SENSING	PENDERIAAN JAUH	(S) ZCA 102/4 and (S) ZCT 103/3	PROF. MADYA DR. LIM HWEE SAN
12	ZCE 376/4	ASTRONOMY PRINCIPLES AND PRACTICES	PRINSIP DAN AMALAN ASTRONOMI (Minor Astronomy)		DR. JOHN SOO YUE HAN
13	ZCT 398/8	PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK (Dua Semester)	(S) ZCT 293/2 (ES) or (S) ZCT 294/2 (PP) or (S) ZKT 296/2 (OP)	PROF. MADYA DR. AHMAD FAIRUZ OMAR / KUMPULAN
14	ZGT 395/8	GEOPHYSICS PROJECT (Two Semesters)	PROJEK GEOFIZIK (Dua Semester)	(S) ZGT 295/4	DR. ANDY ANDERSON BERY / KUMPULAN
15	ZMT 397/8	MEDICAL PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK PERUBATAN (Dua Semester)	(S) MAT 181/4 or (S) ZCE 111/4 and (S) ZMT 298/2	DR. RAMZUN MAIZAN RAMLI / KUMPULAN
TAHUN 4 (4TH YEAR)					
1	ZMT 431/4	RADIATION BIOPHYSICS	BIOFIZIK SINARAN	(S) ZCT 104/3	DR. RAMZUN MAIZAN RAMLI
2	ZME 438/4	PHYSICS OF MEDICAL IMAGING	FIZIK PENGIMEJAN PERUBATAN	(S) ZCT 106/3	DR. NURSAKINAH SUARDI
3	ZCE 451/3	X-RAY ANALYSIS	ANALISIS SINAR-X	(S) ZCT 307/3	DR. SUHANA ARSHAD
4	ZGE 471/3	POTENTIAL FIELD INTERPRETATION	PENTAFSIRAN MEDAN KEUPAYAAN	(S) ZGT 279/3	PROF. MADYA DR. NORDIANA MOHD MUZTAZA
5	ZGE 473/4	SEISMIC DATA PROCESSING	PEMROSESAN DATA SEISMIC	(S) ZGT 278/3 and (S) ZGT 271/3	DR. JOSEPH GNAPRAGASAN
6	ZGE 475/3	ENGINEERING AND ENVIRONMENTAL GEOPHYSICS	GEOFIZIK KEJURUTERAAN DAN PERSEKITARAN	(S) ZGT 278/3	DR. ANDY ANDERSON BERY
7	ZAE 485/4	APPLIED SPECTROSCOPY	SPEKTROSKOPI GUNAAN	(S) ZCT 215/3	DR. MOHD MAHADI HALIM
8	ZGE 487/4	PHYSICAL AND GEOLOGICAL OCEANOGRAPHY	OSEANOGRAFI FIZIKAL DAN GEOLOGIKAL		DR. SYA'RAWI MUHAMMAD HUSNI MOHD SHARONI
9	ZAT 487/4	SEMICONDUCTOR FABRICATION PROCESSES	PROSES FABRIKASI SEMIKONDUKTOR	(S) ZAT 386/4	DR. MOHD MARZAINI MOHD RASHID PROF. MADYA TS. DR. MOHD ZAMIR PAKHURUDDIN
10	ZAT 489/3	LOW DIMENSIONAL SEMICONDUCTOR STRUCTURES	STRUKTUR SEMIKONDUKTOR DIMENSI RENDAH	(S) ZCT 307/3	DR. SITI AZRAH MOHAMAD SAMSURI
LAIN-LAIN KURSUS					
1	HFE 225/2	PHILOSOPHY AND CURRENT ISSUES	FALSAFAH DAN ISU SEMASA		DR. WAN MOHAMAD HUSNI WAN MOKHTAR
2	HTV 201/2	THINKING TECHNIQUES	TEKNIK BERFIKIR		DR. DIAN ALWANI ZAINURI