

SENARAI KURSUS-KURSUS IJAZAH SARJANA MUDAYANG DITAWARKAN UNTUK SEMESTER II

SIDANG AKADEMIK 2024/2025

BIL	KOD DAN TAJUK KURSUS		PRA SYARAT	TENAGA PENGAJAR
TAHUN 1 (1ST YEAR)				
1	ZCA 102/4	FIZIK II (KEELEKTRIKAN DAN KEMAGNETAN)	<i>PHYSICS II (ELECTRICITY AND MAGNETISM)</i>	PROF. MADYA DR. YOON TIEM LEONG DR. NUR NABIHAH YUSOF
2	ZCT 104/3	FIZIK IV (FIZIK MODEN)	<i>PHYSICS IV (MODERN PHYSICS)</i>	PROF. MADYA DR. NURUL ZAHIRAH NOOR AZMAN PROF. MADYA DR. SUHANA ARSHAD
3	ZCT 106/3	ELEKTRONIK I	<i>ELECTRONICS I</i>	(C) ZCA 102/4 DR. MOHD FAREEZUAN ABDUL AZIZ
4	ZCE 111/4	PENDEKATAN PENGKOMPUTERAN DALAM PEMBELAJARAN FIZIK	<i>COMPUTATIONAL APPROACH IN PHYSICS LEARNING</i>	PROF. MADYA DR. YOON TIEM LEONG DR. MUHAMMAD RABIE OMAR
5	ZCT 112/3	ALJABAR LINEAR DAN ANALISIS VEKTOR	<i>LINEAR ALGEBRA AND VECTOR ANALYSIS</i>	(S) ZCA 110/4 or (S) MAA 101/4 DR. MUHAMMAD RABIE OMAR DR. LOH WAI MING
6	ZGT 172/3	SEDIMENTOLOGY AND STRATIGRAPHY	<i>SEDIMENTOLOGY AND STRATIGRAPHY</i>	(S) ZGT 171/3 DR. JOSEPH GNAPRAGASAN DR. TEOH YING JIA
7	ZGT 190/2	AMALI GEOLOGI	<i>GEOLOGY PRACTICAL</i>	(S) ZGT 171/3 DR. TEOH YING JIA
8	ZCT 192/2	AMALI FIZIK II	<i>PHYSICS PRACTICAL II</i>	PROF. MADYA DR. LIM SIEW CHOO / KUMPULAN
TAHUN 2 (2ND YEAR)				
1	ZCT 205/3	MEKANIK KUANTUM	<i>QUANTUM MECHANICS</i>	(S) ZCT 104/3 DR. LOH WAI MING
2	ZCE 208/3	MEKANIK KLASIK	<i>CLASSICAL MECHANICS</i>	(P) ZCA 101/4 and (P) ZCA 110/4 and (S) ZCT 112/3 and (S) ZCA 210/4 PROF. MADYA DR. LIM SIEW CHOO
3	ZCT 219/4	KAEDAH MATEMATIK	<i>MATHEMATICAL METHODS</i>	(S) ZCT 112/3 and (S) ZCA 210/4 DR. WAN MOHAMAD HUSNI WAN MOKHTAR
4	ZKT 224/3	BAHAN FOTONIK DAN ELEKTRONIK	<i>ELECTRONIC AND PHOTONIC MATERIALS</i>	(S) ZCT 106/3 and (S) ZCT 210/4 DR. SUBRAMANI SHANMUGAN DR. DIAN ALWANI ZAINURI
5	ZMT 231/4	FISIOLOGI DAN ANATOMI MANUSIA	<i>HUMAN ANATOMY AND PHYSIOLOGY</i>	DR. RAMZUN MAIZAN RAMLI DR YASMIN MD RADZI
6	ZMT 234/4	FIZIK RADIOLOGI DIAGNOSTIK	<i>PHYSICS OF DIAGNOSTIC RADIOLOGY</i>	(S) ZCT 104/3 DR. NURUL HASHIKIN AB. AZIZ
7	ZKT 244/4	LATIHAN BENGKEL DAN REKA BENTUK PRODUK	<i>WORKSHOP TRAINING AND PRODUCT DESIGN</i>	(S) ZCT 192/2 DR. BEH KHI POAY DR. AFIQ ARIF AMINUDDIN JAFRY
8	ZKT 245/3	GENTIAN OPTIK DAN PERANTI FOTONIK	<i>OPTICAL FIBER AND PHOTONIC DEVICES</i>	(S) ZCT 106/3 and (S) ZCT 215/3 DR. MAHAYATUN DAYANA JOHAN OOI PROF. DR. MD ROSLAN HASHIM DR. AFIQ ARIF AMINUDDIN JAFRY
9	ZGT 271/3	ANALISIS DATA GEOFIZIK	<i>GEOPHYSICAL DATA ANALYSIS</i>	(S) ZCT 210/4 DR. ANDY ANDERSON BERY
10	ZCE 277/4	STRUKTUR ALAM SEMESTA (Minor)	<i>STRUCTURE OF THE UNIVERSE (Minor)</i>	DR. IDAHWATI SARUDIN
11	ZGT 279/3	GEOFIZIK PENCARIGALIAN MEDAN KEUPAYAAN	<i>POTENTIAL FIELD EXPLORATION GEOPHYSICS</i>	(C)ZGT 287/3 DR. NUR AZWIN ISMAIL

12	ZAT 281/4	PENGANTAR MIKROPEMROSES	INTRODUCTION TO MICROPROCESSORS	(P) ZCT 206/3	PROF. MADYA DR. AHMAD FAIRUZ OMAR
13	ZAT 283/3	INSTRUMENTASI	INSTRUMENTATION	(S) ZCT 206/3 and (S) ZCT 293/2	DR. SITI AZRAH MOHAMAD SAMSURI
14	ZGT 287/3	SISTEM SOLAR DAN GEOFIZIK BUMI	SOLAR SYSTEM AND EARTH GEOPHYSICS	(S) ZGT 172/3	PROF. MADYA DR. NORDIANA MOHD MUZTAZA
15	ZCT 294/2	AMALI FIZIK IV	PHYSICS PRACTICAL IV	(S) ZCT 191/2 or (S) ZCT 192/2	DR. WONG KHAI MING / KUMPULAN
16	ZGT 295/4	AMALI GEOFIZIK (DUA SEMESTER)	GEOPHYSICS PRACTICAL (TWO SEMESTERS)	(S) ZGT 190/2	DR. NUR AZWIN ISMAIL / KUMPULAN
17	ZKT 296/2	MAKMAL FOTONIK	PHOTONICS LABORATORY	(S) ZCT 293/2	DR. BEK KHI POAY / KUMPULAN
18	ZMT 298/2	AMALI FIZIK PERUBATAN	MEDICAL PHYSICS PRACTICAL	(S) ZCT 293/2	DR. RAMZUN MAIZAN RAMLI / KUMPULAN
TAHUN 3 (3RD YEAR)					
1	ZCT 304/3	KEELEKTRIKAN DAN KEMAGNETAN II	ELECTRICITY AND MAGNETISM II	(P) ZCA 102/4 and (S) ZCT 112/3 and (S) ZCT 210/4	DR. WONG KHAI MING
2	ZCT 317/3	FIZIK KEADAAN PEPEJAL II	SOLID STATE PHYSICS II	(S) ZCT 307/3	PROF. MADYA DR. QUAH CHING KHENG DR. ABDUL HADI BIN SULAIMAN
3	ZMT 332/3	FIZIK RADIOTERAPI	PHYSICS OF RADIOTHERAPY	(S) ZCT 104/3	DR. NIK NOOR ASHIKIN NIK AB RAZAK DR. NORLAILI AHMAD KABIR
4	ZCE 341/4	KAJIAN TENAGA	ENERGY STUDIES	(S) ZCA 101/4 and (S) ZCA 102/4	DR. NURHAFIZAH MD DISA DR. AHMAD RUJHAN MOHD RAIS
5	ZGE 364/3	METEOROLOGI TROPIKA DAN RAMALAN	TROPICAL METEOROLOGY AND FORECASTING	(S) ZGT 285/3	PROF. MADYA DR. LIM HWEE SAN DR. NORHASLINDA MOHAMED TAHRIN
6	ZCE 378/4	PENGANTAR ASTRONOMI RADIO (Minor)	INTRODUCTION TO RADIO ASTRONOMY (Minor)		DR. JOHN SOO YUE HAN
7	ZAT 386/4	FIZIK PERANTI SEMIKONDUKTOR	PHYSICS OF SEMICONDUCTOR DEVICES	(S) ZCT 106/3 and (S) ZCT 307/3	PROF. MADYA DR. YAM FONG KWONG
8	ZCT 398/8	PURE PHYSICS PROJECT (Two Semesters)	PROJEK FIZIK TULEN (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
9	ZGT 395/8	GEOPHYSICS PROJECT (Two Semesters)	PROJEK GEOFIZIK (Dua Semester)	(S) ZGT 295/4	DR. NUR AZWIN ISMAIL / KUMPULAN
10	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	ZME 432/4	LASER PERUBATAN	MEDICAL LASER	(S) ZCT 104/3	DR. NURSAKINAH SUARDI
2	ZGE 480/4	METEOROLOGI SINOPTIK	SYNOPTIC METEOROLOGY	(S) ZGT 285/3 and (S) ZGT 271/3	DR. SYA'RAWI MUHAMMAD HUSNI MOHD SHARONI
3	ZGE 481/3	GEOLOGI PETROLEUM	PETROLEUM GEOLOGY	(S) ZGT 172/3	DR. ISMAIL AHMAD ABIR
4	ZAE 484/4	TEKNOLOGI LASER DAN APLIKASINYA	LASER TECHNOLOGY AND ITS APPLICATION	(S) ZCT 104/3	DR. MOHAMMED ALI DHEYAB DR. NUR NABIHAH YUSOF
5	ZAE 488/4	PENGUJIAN TAK MEMBINASA	NON-DESTRUCTIVE TESTING	(S) ZCT 104/3	PROF. MADYA DR. AZHAR ABDUL RAHMAN PROF. DR. ABDUL RAZAK IBRAHIM
6	ZCE 499/12	LATIHAN INDUSTRI	INDUSTRIAL TRAINING	(S) ZCT 398/8 or (S) ZMT 397/8 or (S) ZGT 395/8	PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA

LAIN-LAIN KURSUS

1	HFE 224	PENGHAYATAN ETIKA DAN PERADABAN		DR. WAN MOHAMAD HUSNI WAN MOKHTAR
2	HTV 201	TEKNIK BERFIKIR		DR. DIAN ALWANI ZAINURI
3	SHE 101	HUBUNGAN ETNIK		DR. SYA'RAWI MUHAMMAD HUSNI MOHD SHARONI

* UPDATED : 28 APRIL 2025