

CADANGAN SENARAI KURSUS-KURSUS IJAZAH SARJANA MUDA YANG DITAWARKAN UNTUK SEMESTER II
SIDANG AKADEMIK 2023/2024

Bil	KOD DAN TAJUK KURSUS			TENAGA PENGAJAR
TAHUN 1 (1ST YEAR)				
1	ZCA 102/4	FIZIK II (KEELEKTRIKAN DAN KEMAGNETAN)	PHYSICS II (ELECTRICITY AND MAGNETISM)	(S) ZCA 101/4 DR. NUR NABIHAH YUSOF DR. MUHAMMAD RABIE OMAR
2	ZCT 104/3	FIZIK IV (FIZIK MODEN)	PHYSICS IV (MODERN PHYSICS)	DR. NURUL ZAHIRAH NOOR AZMAN DR. SUHANA ARSHAD
3	ZCT 106/3	ELEKTRONIK I	ELECTRONICS I	(C) ZCA 102/4 DR. AHMAD RUJHAN MOHD RAIS DR. AFIQ ARIF AMINUDDIN JAFRY
4	ZCE 111/4	PENDEKATAN PENGKOMPUTERAN DALAM PEMBELAJARAN FIZIK	COMPUTATIONAL APPROACH IN PHYSICS LEARNING	PROF. MADYA DR. YOON TIEM LEONG DR. MUHAMMAD RABIE OMAR
5	ZCT 112/3	ALJABAR LINEAR DAN ANALISIS VEKTOR	LINEAR ALGEBRA AND VECTOR ANALYSIS	(S) ZCA 110/4 or (S) MAA 101/4 DR. NORHASLINDA MOHAMED TAHRIN
6	ZGT 172/3	SEDIMENTOLOGY AND STRATIGRAPHY	SEDIMENTOLOGY AND STRATIGRAPHY	(S) ZGT 171/3 DR. TEOH YING JIA
7	ZGT 190/2	AMALI GEOLOGI	GEOLOGY PRACTICAL	(S) ZGT 171/3 DR. TEOH YING JIA
8	ZCT 192/2	AMALI FIZIK II	PHYSICS PRACTICAL II	PROF. MADYA DR. LIM SIEW CHOO / KUMPULAN
TAHUN 2 (2ND YEAR)				
1	ZCT 205/3	MEKANIK KUANTUM	QUANTUM MECHANICS	(S) ZCT 104/3 DR. LOH WAI MING
2	ZCE 208/3	MEKANIK KLASIK	CLASSICAL MECHANICS	(P) ZCA 101/4 and (P) ZCA 110/4 and (S) ZCT 112/3 and (S) ZCT 210/4 PROF. MADYA DR. LIM SIEW CHOO
3	ZCT 219/4	KAEDAH MATEMATIK	MATHEMATICAL METHODS	(S) ZCT 112/3 and (S) ZCT 210/4 DR. WAN MOHAMAD HUSNI WAN MOKHTAR
4	ZKT 224/4	BAHAN FOTONIK DAN ELEKTRONIK	ELECTRONIC AND PHOTONIC MATERIALS	(S) ZCT 106/3 or (S) ZCT 210/4 DR. SUBRAMANI SHANMUGAN DR. DIAN ALWANI ZAINURI
5	ZMT 231/4	FISIOLOGI DAN ANATOMI MANUSIA	HUMAN ANATOMY AND PHYSIOLOGY	DR. RAMZUN MAIZAN RAMLI DR. YASMIN MD RADZI
6	ZMT 234/4	FIZIK RADIOLOGI DIAGNOSTIK	PHYSICS OF DIAGNOSTIC RADIOLOGY	(S) ZCT 104/3 DR. NURUL HASHIKIN AB. AZIZ
7	ZKT 244/4	LATIHAN BENGKEL DAN REKA BENTUK PRODUK	WORKSHOP TRAINING AND PRODUCT DESIGN	(S) ZCT 192/2 DR. BEH KHI POAY DR. AFIQ ARIF AMINUDDIN JAFRY
8	ZKT 245/3	GENTIAN OPTIK DAN PERANTI FOTONIK	OPTICAL FIBER AND PHOTONIC DEVICES	(S) ZCT 106/3 and (S) ZCT 215/3 DR. MAHAYATUN DAYANA JOHAN OOI PROF. DR. MD ROSLAN HASHIM
9	ZGT 271/3	ANALISIS DATA GEOFIZIK	GEOPHYSICAL DATA ANALYSIS	(S) ZCT 210/4 DR. ANDY ANDERSON ANAK BERY
10	ZCE 277/4	STRUKTUR ALAM SEMESTA (Minor)	STRUCTURE OF THE UNIVERSE (Minor)	DR. IDAHWATI SARUDIN
11	ZGT 279/3	GEOFIZIK PENCARIGALIAN MEDAN KEUPAYAAN	POTENTIAL FIELD EXPLORATION GEOPHYSICS	(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. LIM HWEE SAN DR. JOSEPH GNAPRAGASAN
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. ANDY ANDERSON ANAK BERY / 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	ELECTRICITY AND MAGNETISM	(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
4	ZMT 332/3	FIZIK RADIOTERAPI	PHYSICS OF RADIOTHERAPY	(S) ZCT 104/3 DR. YASMIN MD RADZI DR. NORLAILI AHMAD KABIR
6	ZCE 341/4	KAJIAN TENAGA	ENERGY STUDIES	(S) ZCA 101/4 and (S) ZCA 102/4 DR. MOHD FAREEZUAN ABDUL AZIZ
7	ZGE 364/3	METEOROLOGI TROPIKA DAN RAMALAN	TROPICAL METEOROLOGY AND FORECASTING	(S) ZGT 285/3 PROF. MADYA DR. LIM HWEE SAN
8	ZCE 378/4	PENGANTAR ASTRONOMI RADIO (Minor)	INTRODUCTION TO RADIO ASTRONOMY (Minor)	DR. JOHN SOO YUE HAN
9	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 DR. MOHD MARZAINI MOHD RASHID
10	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
12	ZGT 395/8	GEOPHYSICS PROJECT (Two Semesters)	PROJEK GEOFIZIK (Dua Semester)	(S) ZGT 295/4 DR. ANDY ANDERSON ANAK BERY / KUMPULAN
13	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	ZKE 427/3	PENCAHAYAAN KEADAAN PEPEJAL II	SOLID STATE LIGHTING II	(S) ZKE 327/3 PROF. DR. MD ROSLAN HASHIM
2	ZME 432/4	LASER PERUBATAN	MEDICAL LASER	(S) ZCT 104/3 DR. NURSAKINAH SUARDI PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA
3	ZGE 460/3	METEOROLOGI SINOPTIK	SYNOPTIC METEOROLOGY	(S) ZGT 265/3 DR. NUR AZWIN ISMAIL DR. ISMAIL AHMAD ABIR
4	ZGE 461/3	GEOLOGI LANJUTAN	ADVANCE GEOLOGY	(S) ZGT 162/3 DR. ISMAIL AHMAD ABIR
5	ZGE 479/3	OSEANOGRAFI GEOLOGI	GEOLOGICAL OCEANOGRAPHY	(S) ZGT 372/3 DR. SYA'RAWI MUHAMMAD HUSNI MOHD SHARONI
6	ZAE 484/4	TEKNOLOGI LASER DAN APLIKASINYA	LASER TECHNOLOGY AND ITS APPLICATION	(S) ZCT 104/3 DR. MOHAMMED ALI DHEYAB DR. NUR NABIHAH YUSOF
7	ZAE 488/4	PENGUJIAN TAK MEMBINASA	NON-DESTRUCTIVE TESTING	(S) ZCT 104/3 PROF. MADYA DR. AZHAR ABDUL RAHMAN PROF. DR. ABDUL RAZAK IBRAHIM
8	ZCE 499/12	LATIHAN INDUSTRI	INDUSTRIAL TRAINING	(S) ZAT 394/8 PROF. MADYA DR. ISKANDAR SHAHRIM MUSTAFA