

Student Workload

B.Ed. in Physics program



جامعة المجمعة
Majmaah University

Course code	Course name	Lecture	Tutorial	Lab	Contact Hours	Homework	Pre-lecture study	2 Mid- exam term		Final exam		Term project	workload	NCAAA	ECTs
								exam	Study for exam	exam	Study for exam				
	University Req.	30			30	15	15	2	4	2	6	6	80	2	3
	University Req.	30			30	15	15	2	4	2	6	6	80	2	3
	University Req.	30			30	15	15	2	4	2	6	6	80	2	3
EDU 116	Skills Techniques	30			30	15	15	2	4	2	6	6	80	2	3
EDU 117	Assets Of Islamic Education	30			30	15	15	2	4	2	6	6	80	2	3
EDU 118	System And Policy Of The Education In The Kingdom Of Saudi Arabia	30			30	15	15	2	4	2	6	6	80	2	3
CHEM 111	General Chemistry	15		30	45	15	30	2	4	3	9	12	120	2	4
MATH 111	Calculus (1)	15		30	45	15	30	2	4	3	9	12	120	2	4
PHYS 111	General Physics (1)	15		30	45	15	30	2	4	3	9	12	120	2	4
													840	18	30
	University Req.	30			30	15	15	2	4	2	6	6	80	2	3
EDU 126	Developmental Psychology	30			30	15	15	2	4	2	6	6	80	2	3
PHYS 121	Mathematical Physics(1)	45		30	75	45	45	2	4	4	12	12	199	4	7
PHYS 122	Classical Mechanics (1)	30		15	45	30	30	2	4	3	9	12	150	3	5
PHYS 123	General Physics (2)	30		30	60	30	30	2	4	3	9	12	150	3	5

PHYS 124	Optics	45			45	30	30	2	4	3	6	6	126	3	5
PHYS 126	Optics Lab	0		30	30	15	15	2	4	1	6	24	97	1	2
													882	18	30
	University Req.	30			30	15	15	2	4	2	6	6	80	2	3
EDU 216	Mental Health	30			30	15	15	2	4	2	6	6	80	2	3
EDU 217	Principles Of Educational Research	30			30	15	15	2	4	2	6	6	80	2	3
PHYS 212	Mathematical Physics(2)	30		15	45	30	30	2	4	3	9	12	150	3	5
PHYS 213	General Physics (3)	30		15	45	30	30	2	4	3	9	12	150	3	5
PHYS 214	Thermodynamics	30		15	45	30	30	2	4	3	9	12	150	3	5
PHYS 215	Classical Mechanics (2)	30		15	45	30	30	2	4	3	9	12	150	3	5
													840	18	29
	University Req.	30			30	15	15	2	4	2	6	6	80	2	3
EDU 226	Educational Psychology	30			30	15	15	2	4	2	6	6	80	2	3
PHYS 221	Mathematical Physics(3)	30		15	45	30	30	2	4	3	9	12	150	3	5
PHYS 222	Electricity & Magnetism (1)	45		15	60	45	45	2	4	4	12	12	184	4	7
PHYS 223	Wave Motion & Vibration	30		15	45	30	30	2	4	3	9	12	150	3	5
PHYS 224	Modern Physics	45		15	60	45	45	2	4	4	12	12	184	4	7
													828	18	30
EDU316	Management And Planning Of Educational	30			30	15	15	2	4	2	6	6	80	2	3
EDU 317	Production And E-Learning Resources	30			30	15	15	2	4	2	6	6	80	2	3
PHYS 311	Quantum Mechanics(1)	45	45		90	15	15	2	4	3	9	6	144	3	5
PHYS 312	Electricity & Magnetism (2)	60	45	15	120	30	30	2	6	4	12	6	210	4	7
PHYS 313	Electronics (1)	45	30	15	90	30	30	2	6	3	9	6	176	3	5
PHYS 314	Electrodynamics	60	45	15	120	30	30	2	6	4	12	6	210	4	7
													900	18	30
EDU 326	Teaching Strategies	30			30	15	15	2	4	2	6	6	80	2	3
EDU 327	Educational Curricula	30			30	15	15	2	4	2	6	6	80	2	3
PHYS***	Selective Course	30			30	15	15	2	4	2	6	6	80	2	4
PHYS 321	Statistical Physics	45			45	30	30	2	4	4	12	12	139	3	5
PHYS 322	Quantum Mechanics(2)	45			45	30	30	2	4	4	12	12	139	3	5
PHYS 323	Solid State Physics (1)	30		15	45	15	30	2	4	3	9	6	114	3	5
PHYS 324	Electronics (2)	30		15	45	30	30	2	4	4	12	12	139	3	5
													771	18	30

EDU 416	Modern Trends In Teaching Strategies	30			30	15	15	2	4	2	6	6	80	2	3
EDU 417	Educational Evaluation	30			30	15	15	2	4	2	6	6	80	2	3
PHYS 411	Computational Physics (1)	30		15	45	30	30	2	4	3	9	6	129	3	5
PHYS 412	Solid State Physics (2)	30		15	45	30	30	2	4	3	9	6	129	3	5
PHYS 413	Atomic & Molecular Spectra	45		15	60	30	45	2	4	4	12	12	169	4	7
PHYS 415	Nuclear Physics (1)	45		15	60	30	45	2	4	4	12	12	169	4	7
													756	18	30
EDU 427	Practicum		180		180	0	180	0	0	0	0	180	360	6	10
PHYS***	Selective Course	30			30	15	15	2	4	2	6	6	80	2	4
PHYS 421	Computational Physics (2)	30		15	45	15	30	2	4	3	9	6	114	3	5
PHYS 423	Nuclear Physics (2)	45		15	60	30	30	2	4	4	12	12	154	4	7
PHYS 424	Laser Physics and it's applications.	30		15	45	15	30	2	4	3	9	6	114	3	5
													822	18	31
													6639	144	240