

COURSE FEE

FACULTY OF ENGINEERING TECHNOLOGY

Advanced Certificate in Welding & Metal Fabrication

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Year 1	Sem 1	MAT005	Engineering Mathematics	10	3	75	750
		PHY003	Engineering Science	10	3	75	750
		MEC005	Engineering Drawing	12	3	75	900
		MEC033	Workshop Technology	12	3	75	900
		GEN003	Study Skills	6	2	53	318
	CPT001	Introduction to Computing	10	3	75	750	
	Sem 2	MEC065	SMA Welding process - 1	20	3	75	1500
		MEC049	Oxy-acetylene gas welding process - 1	10	3	75	750
		MEC055	Sheet metal process	10	3	75	750
		MEC047	Material Science	10	3	75	750
CPT005		CAD A	10	3	75	750	
Year 2	Sem 3	MEC067	SMA Welding process - 2	20	3	75	1500
		MEC071	Oxy-acetylene gas welding process - 2	10	3	75	750
		MEC063	Sheet metal productions	10	3	75	750
		MEC081	Project work	10	3	75	750
		CPT007	CAD B	10	3	75	750
TOTAL				180			13368

Diploma in Mechanical Engineering

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Yr 1	Sem 1	MAT005	Engineering Mathematics	10	3	75	750
		PHY003	Engineering Science	10	3	75	750
		MEC005	Engineering Drawing	12	3	75	900
		MEC033	Workshop Technology	12	3	75	900
		GEN003	Study Skills	6	2	53	318
	CPT001	Introduction to Computing	10	3	75	750	
	Sem 2	MEC117	CAD Drawing	10	3	75	750
		MEC103	Engineering science-II	15	3	75	1125
		PHY105	Statics	10	3	75	750
		MEC105	Mechanical systems	15	3	75	1125
MEC107		Workshop practices	10	3	75	750	
Yr 2	Sem 3	MEC109	Engineering materials	15	3	75	1125
		MEC111	Fluid mechanics	15	3	75	1125
		MEC119	Fluid power	15	3	75	1125
		ELE101	Electrical and Electronic fundamentals	15	3	75	1125
	Sem 4	MEC113	Refrigeration	15	3	75	1125
		ELE129	Power generation and Electric motors	12	3	75	900
		MEC115	Fluid machinery/pump selection/desalination water supply	12	3	75	900
		ELE115	Programmable Logic controllers	15	3	75	1125
		BES115	Planning, Costing and Estimation	6	3	75	450
TOTAL				240			17868

Diploma in Civil Engineering (1.5 Yrs)

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Yr 1	Sem 1	IXP105	Industrial Experience	3	3	75	225
		PHY105	Statics	10	3	75	750
		MGT107	Management 1	10	4	80	800
		BES109	Drawing and Setting Out	15	3	75	1125
		BES101	Building Materials	12	3	75	900
		BES105	Construction 1	12	3	75	900
	Sem 2	IXP107	Industrial Experience	3	3	75	225
		PHY109	Mechanics of Solids	10	3	75	750
		MGT207	Management 2	10	4	80	800

	Sem 2	BES107	Construction2	12	3	75	900
		BES215	Land Surveying 1	12	3	75	900
		MAT107	Mathematics	15	3	75	1125
Yr 2	Sem 3	IXP207	Industrial Experience	3	3	75	225
		BES229	Structural Design 1	20	3	75	1500
		BES227	Structural Analysis	12	3	75	900
		PHY101	Physics 1	15	3	75	1125
		BES305	Land Surveying 2	12	3	75	900
TOTAL				186			14050

Diploma in Civil Engineering (2 Yrs)

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE			
Yr 1	Sem 1	MAT005	Mathematics I	10	3	75	750			
		PHY003	Engineering Science	10	3	75	750			
		MEC005	Engineering Drawing	12	3	75	900			
		MEC033	Workshop Technology	12	3	75	900			
		GEN003	Study Skills	6	2	53	318			
		CPT001	Introduction to Computing	10	3	75	750			
		Yr 1	Sem 2	IXP105	Industrial Experience	3	3	75	225	
PHY105	Statics			10	3	75	750			
MGT107	Management 1			10	4	80	800			
BES109	Drawing and Setting Out			15	3	75	1125			
BES101	Building Materials			12	3	75	900			
BES105	Construction 1			12	3	75	900			
Yr 2	Sem 3	IXP107	Industrial Experience	3	3	75	225			
		PHY109	Mechanics of Solids	10	3	75	750			
		MGT207	Management 2	10	4	80	800			
		BES107	Construction2	12	3	75	900			
		BES215	Land Surveying 1	12	3	75	900			
		MAT107	Mathematics	15	3	75	1125			
	Yr 2	Sem 4	IXP207	Industrial Experience	3	3	75	225		
			BES229	Structural Design 1	20	3	75	1500		
			BES227	Structural Analysis	12	3	75	900		
			PHY101	Physics 1	15	3	75	1125		
			BES305	Land Surveying 2	12	3	75	900		
			TOTAL				246			18418

C3 Electrotechnical Technology

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Yr 1	Sem 1	ELE049	Principles of Electrotechnology	15	3	75	1125
		ELE051	Applications of Electrical Principles	15	3	75	1125
		ELE053	Electrical Installation (Building Structures)	15	3	75	1125
		ELE055	Basic Electrical Protection and Safety	15	3	75	1125
TOTAL				60			4500

C3 Welding and Sheet Metal (2013)

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Yr 1	Sem 1	MEC003	Basic Workshop Technology	5	3	75	375
		MEC025	Sheet Metal Process	10	3	75	750
		MEC037	Oxy-acetylene Gas Welding	20	3	75	1500
		MEC039	Shielded Metal Arc Welding Process	25	3	75	1875
TOTAL				60			4500

C3 in Engine Repair & Maintenance (2013)

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
		MAT025	Basic Mathematics	5	3	75	375
		MEC001	Basic Engine Technology	30	3	75	2250

Yr 1	Sem 1	MEC003	Basic Workshop Technology	5	3	75	375
		MEC013	Engine Practice	15	3	75	1125
		PHY005	Basic Material Science	5	3	75	375
							4500

Advanced Certificate in Engine Repair & Maintenance

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Year 1	Semester 1	CPT001	Introduction to Computing	10	3	75	750
		GEN003	Study Skills	6	2	53	318
		MAT005	Engineering Mathematics	10	3	75	750
		MEC005	Engineering Drawing	12	3	75	900
		MEC033	Workshop Technology	12	3	75	900
	PHY003	Engineering Science	10	3	75	750	
	Semester 2	CPT005	Computer Assisted Design A	10	3	75	750
		MEC041	Engineering Science II - Engine Repair	5	3	75	375
		MEC047	Material Science	5	3	75	375
		MEC079	Workshop Technology II- Welding, Machining & Fabrication	10	3	75	750
MEC059		Engine Technology I	30	3	75	2250	
Year 2	Semester 3	CPT007	Computer Assisted Design B	10	3	75	750
		MEC061	Engine Technology II	30	3	75	2250
		MEC077	Fluid Power	5	3	75	375
		MEC007	Marine Auxiliary Machines	10	3	75	750
		MEC073	Project - Engine Repair	5	3	75	375
							13368

Bachelor of Architectural Design

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Year 1	Sem 1	ARC101	Architectural Communications I	10	3	75	750
		ARC107	Architectural Design Project I	15	3	75	1125
		ARC111	Environment and Culture I	6	3	75	450
		BES101	Building Materials	10	3	75	750
		BES105	Construction I	10	3	75	750
	ENG013	English For Further Study	15	2	53	795	
	Sem 2	ARC103	Architectural Communications II	10	3	75	750
		ARC105	Architectural Technologies I	10	3	75	750
		ARC109	Architectural Design Project II	15	3	75	1125
		ARC113	Environment and Culture II	6	3	75	450
BES107		Construction II	10	3	75	750	
ENG015	English For Academic Purposes	10	2	53	530		
Year 2	Sem 3	ARC201	Architectural Design Project III	15	3	75	1125
		ARC203	Architectural Communications III	10	3	75	750
		BES103	Building Services I	10	3	75	750
		BES211	Environment and Culture III	6	3	75	450
		BES221	Professional Practice I	10	3	75	750
	MGT231	Project Management	10	4	80	800	
	Sem 4	ARC205	Architectural Communications IV	10	3	75	750
		ARC207	Architectural Design Project IV	30	3	75	2250
		BES203	Construction III	10	3	75	750
		BES243	Environment and Culture IV	10	3	75	750
ARC115		Architectural Technologies II	12	3	75	900	
Year 3	Sem 5	ARC301	Architectural Design Project V	15	3	75	1125
		ARC303	Architectural Communications V	12	3	75	900
		ARC305	Environment and Culture V	12	3	75	900
		BES245	Professional Practice II	10	3	75	750
		ARC209	Architectural Technologies III	15	3	75	1125
	Sem 6	ARC307	Architectural Design Project 6	30	3	75	2250
		BES317	Professional Practice III	15	3	75	1125
		TOTAL				369	

Diploma in Architecture

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
		ARC101	Architectural Communications I	10	3	75	750

Year 1	Sem 1	ARC107	Architectural Design Project I	15	3	75	1125
		ARC111	Environment and Culture I	6	3	75	450
		BES101	Building Materials	10	3	75	750
		BES105	Construction I	10	3	75	750
		ENG013	English For Further Study	15	2	53	795
	Sem 2	ARC103	Architectural Communications II	10	3	75	750
		ARC105	Architectural Technologies I	10	3	75	750
		ARC109	Architectural Design Project II	15	3	75	1125
		ARC113	Environment and Culture II	6	3	75	450
		BES107	Construction II	10	3	75	750
ENG015		English For Academic Purposes	10	2	53	530	
Year 2	Sem 3	ARC201	Architectural Design Project III	15	3	75	1125
		ARC203	Architectural Communications III	10	3	75	750
		BES103	Building Services I	10	3	75	750
		BES211	Environment and Culture III	6	3	75	450
		BES221	Professional Practice I	10	3	75	750
		MGT231	Project Management	10	4	80	800
TOTAL				188			13600

Diploma in Construction Management

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
Yr 1	Sem 1	BES101	Building Materials	12	3	75	900
		BES105	Construction I	12	3	75	900
		BES109	Drawing and Setting Out	12	3	75	900
		BES113	Technical Communications	10	3	75	750
		IXP103	Industrial Experience I (Construction Management)	4	3	75	300
		MGT107	Management I	10	4	80	800
	Sem 2	BES107	Construction II	12	3	75	900
		BES201	Building Services I	10	3	75	750
		BES215	Land Surveying I	12	3	75	900
		BES231	Structures I	12	3	75	900
IXP203		Industrial Experience II (Construction Management)	4	3	75	300	
MGT207	Management II	10	4	80	800		
Yr 2	Sem 3	BES301	Building Measurement I	12	3	75	900
		BES303	Building Services II	10	3	75	750
		BES305	Land Surveying II	12	3	75	900
		BES307	Structures II	12	3	75	900
		IXP301	Industrial Experience III (Construction Management)	4	3	75	300
		MGT301	Management III	10	4	80	800
TOTAL				180			13650

Advanced Certificate in Electrical & Electronics Engineering

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
1	1	MAT005	Engineering Mathematics	10	4	80	800
		PHY003	Engineering Science	10	3	75	750
		MEC005	Engineering Drawing	12	3	75	900
		MEC033	Workshop Technology	12	3	75	900
		GEN033	Study Skills	6	2	53	318
		CPT001	Introduction to Computing	10	3	75	750
	2	CPT005	Computer Assisted Design A	15	3	75	1125
		ELE001	Electrical Technology	15	3	75	1125
		ELE003	Electrical Installation	15	3	75	1125
		ELE005	Electronic Fundamentals	15	3	75	1125
2	3	ELE009	Electrical Machines	15	3	75	1125
		ELE011	Electronic Circuits	15	3	75	1125
		ELE013	Consumer Electronics 1	15	3	75	1125
		ELE015	Digital Electronics	15	3	75	1125
							13418

Diploma in Electronics Engineering

Year	Sem	Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
1	1	MAT005	Engineering Mathematics	10	3	75	750
		PHY003	Engineering Science	10	3	75	750
		MEC005	Engineering Drawing	12	3	75	900
		MEC033	Workshop Technology	12	3	75	900
		GEN033	Study Skills	6	2	53	318
	CPT001	Introduction to Computing	10	3	75	750	
	2	MGT113	Communication, Management & Business Skills **	15	4	80	1200
		ELE111	Digital Electronics	15	3	75	1125
		ELE101	Electrical and Electronic Fundamentals	15	3	75	1125
		ELE103	Electrical Workshop & Equipment	12	3	75	900
CPT111		Introduction to Programming***	15	3	75	1125	
2	3	ELE105	Electronic Devices & Circuits	15	3	75	1125
		ELE109	PCB Design & Drafting	12	3	75	900
		ELE123	Electronic Signals & Systems	15	3	75	1125
		CPT107	Data Communications and Network***	15	3	75	1125
	4	ELE201	Microprocessor Applications	15	3	75	1125
		ELE117	Communication Fundamentals	15	3	75	1125
		ELE107	Analysis and Design Project	15	3	75	1125
		17493					

Bachelor of Civil Engineering (Honours)

Subject Code	Subject Name	Credit Points	FEE BAND	FEE/CP	FEE
YEAR 1 Semester 1					
MAT123	Engineering Mathematics I	12	3	75	900
PHY111	Physics for Engineers	12	3	75	900
CPT137	Computing for Engineering	12	3	75	900
CHE107	Material Science and Chemistry	12	3	75	900
ENG015	English for Academic Purposes	12	3	75	900
TOTAL		60			4500
YEAR 1 Semester 2					
MAT125	Engineering Mathematics II	12	3	75	900
BES109	Drawing and Setting out	12	3	75	900
PHY105	Statics	12	3	75	900
BES101	Building Materials	12	3	75	900
BES105	Construction 1	12	3	75	900
TOTAL		60			4500
YEAR 2 Semester 1					
PHY109	Mechanics of Solids	12	3	75	900
MGT129	Basic Management and Marketing	12	4	80	960
BES107	Construction II	12	3	75	900
BES215	Land Surveying I	12	3	75	900
MAT127	Engineering Mathematics III	12	3	75	900
TOTAL		60			4560
YEAR 2 Semester 2					
BES103	Building Services I	10	3	75	750
BES249	Construction Project Management	12	3	75	900
BES227	Structural Analysis	12	3	75	900
BES229	Structural Design I	15	3	75	1125
BES305	Land Surveying II	12	3	75	900
TOTAL		61			4575
YEAR 3 Semester 1					
BES319	Statistics for Engineers	12	3	75	900
BES321	Hydraulics	12	3	75	900
BES323	Geotechnical Engineering	12	3	75	900
BES203	Construction III	12	3	75	900
BES325	Engineering Computations	12	3	75	900
TOTAL		60			4500

