

College of Engineering Science and Technology					
Program	Unit Code	Unit Name	Credit Point	Local Tuition FJ\$	Regional Tuition FJ\$
Certificate III in Automotive Engineering					
	AUT321	Basic Vehicle Mechanical Systems	7	193	580
	AUT322	Basic Vehicle Mechanical Systems Workshop	9	248	745
	AUT323	Basic Vehicle Electrical & Electronic System	7	193	580
	AUT324	Basic Vehicle Electronics & Electronic Workshop	9	248	745
	AUT325	Automotive Workshop Safety & Procedures	8	221	662
	AUT326	Fundamentals of Vehicle Body Technology	8	221	662
	AUT327	Fundamentals of Vehicle Body Technology Workshop	10	276	828
	AUT328	Vehicle Service Information & Preventative Maintenance	8	221	662
	AUT329	Vehicle Service Information & Preventative Maintenance Workshop	10	276	828
	COM301	Communication Skills and Studies	7	121	362
	AUT330	Fundamentals of Engine Technology & Fuel System	8	221	662
	AUT331	Fundamentals of Engine Technology & Fuel System Workshop	11	304	911
	AUT332	Basic Engineering Drawing	8	221	662
	ETH301	Fundamentals of Ethical Practices	5	86	259
	CIN301	Computer Use and Application	4	69	207
	AEE340	Industrial attachment	20	552	1656
Certificate IV in Automotive Engineering (Major in Motor Vehicle Electrical & Electronics)					
Year 1	Trimester				
	AUT310	Vehicle Mechanical Systems	8	221	662
	AUT311	Vehicle Mechanical Systems Workshop	8	221	662
	AUT312	Vehicle Electronics and Fuel System	8	221	662
	AUT313	Vehicle Electronics and Fuel Systems Workshop	8	221	662
	OHS401	Occupational Health and Safety	10	182	545
	ETH301	Fundamentals of Ethical Practices	5	86	259
	AEE310	Vehicle Management Systems	8	221	662
	AEE311	Vehicle Management Systems Workshop	8	221	662
	MTH301	Preliminary Mathematics I	5	100	300
	COM301	Communication Skills and Studies	7	121	362
	AEE410	Automotive Electrics	8	232	697
	AEE411	Automotive Electrics Workshop	8	232	697
	AEE312	Automotive Electrical Science	8	221	662
	AUT315	Auto. Commercial Procedures	8	221	662
	AEE412	Automotive Electronic and Aux. Systems	8	232	697
	AEE413	Auto. Electronic and Aux. Systems W/S	8	232	697
	AEE414	Automotive Electrical and Electronic Project	8	232	697
Certificate IV in Automotive Engineering (Major in Light Machinery)					
Year 1	Trimester				
	AUT310	Vehicle Mechanical Systems	8	221	662
	AUT311	Vehicle Mechanical Systems Workshop	8	221	662
	AUT312	Vehicle Electronics and Fuel System	8	221	662
	AUT313	Vehicle Electronics and Fuel Systems Workshop	8	221	662
	OHS401	Occupational Health and Safety	10	182	545
	ETH301	Fundamentals of Ethical Practices	5	86	259
	AEE310	Vehicle Management Systems	8	221	662
	AEE311	Vehicle Management Systems Workshop	8	221	662
	EEE401	Mathematics for Technicians	8	290	871
	COM301	Communication Skills and Studies	7	121	362
	ALM410	ALM Technology I	8	232	697
	ALM411	ALM Technology I Workshop	8	232	697
	AEE312	Automotive Electrical Science	8	221	662
	AUT315	Auto. Commercial Procedures	8	221	662
	ALM412	ALM Technology II Workshop	8	232	697
	ALM413	ALM Technology II Workshop	8	232	697
	ALM414	Light Machinery Project	8	232	697
Certificate IV in Automotive Engineering (Major in Body Work)					
Year 1	Trimester				
	ABW301	Minor Repair Theory	8	221	662
	ABW302	Minor Repair Workshop	8	221	662
	ABW303	Automotive System	8	221	662
	ABW304	Automotive Systems Workshop	8	221	662
	OHS401	Occupational Health and Safety	10	182	545
	ETH301	Fundamentals of Ethical Practices	5	86	259
	MTH301	Preliminary Mathematics I	5	100	300
	COM301	Communication Skills and Studies	7	121	362
	ABW305	Welding Technology	8	221	662
	ABW306	Welding Technology Workshop	8	221	662
	ABW410	Major Body Frame Repair Theory	8	232	697
	ABW411	Major Body Frame Repair Workshop	8	232	697

	AEE312	Automotive Electrical Science	8	221	662
	AUT315	Automotive Commercial Procedures	8	221	662
	ABW412	Collision Repair Technology	8	232	697
	ABW413	Collision Repair Workshop	8	232	697
	ABW414	Collision Repair Project	8	232	697
Certificate IV in Automotive Engineering (Major in Heavy Commercial Vehicle)					
Year 1	Trimester				
	AUT310	Vehicle Mechanical Systems	8	221	662
	AUT311	Vehicle mechanical Systems Workshop	8	221	662
	AUT312	Vehicle Electronics and Fuel Systems	8	221	662
	AUT313	Vehicle Electronics and Fuel Systems Workshop	8	221	662
	OHS401	Occupational Health and Safety	10	182	545
	ETH301	Fundamentals of Ethical Practices	5	86	259
	AEE310	Vehicle Management Systems	8	221	662
	AEE311	Vehicle Management Systems Workshop	8	221	662
	MTH301	Preliminary Mathematics I	5	100	300
	COM301	Communication Skills and Studies	7	121	362
	HCV410	HCV Technology 1	8	232	697
	HCV411	HCV Workshop 1	8	232	697
	AEE312	Automotive Electrical Science	8	221	662
	AUT315	Automotive Commercial Procedures	8	221	662
	HCV412	HCV Technology 2	8	232	697
	HCV413	HCV Workshop 2	8	232	697
	HCV414	HCV Project	8	232	697
Certificate IV in Automotive Engineering (Major in Light Motor Vehicle)					
Year 1	Trimester				
	AUT310	Vehicle Mechanical Systems	8	221	662
	AUT311	Vehicle Mechanical Systems Workshop	8	221	662
	AUT312	Vehicle Electronics and Fuel System	8	221	662
	AUT313	Vehicle Electronics and Fuel Systems Workshop	8	221	662
	OHS401	Occupational Health and Safety	10	182	545
	ETH301	Fundamentals of Ethical Practices	5	86	259
	AEE310	Vehicle Management Systems	8	221	662
	AEE311	Vehicle Management Systems Workshop	8	221	662
	MTH301	Preliminary Mathematics I	5	100	300
	COM301	Communication Skills and Studies	7	121	362
	LMV410	LMV Technology 1	8	232	697
	LMV411	LMV Workshop 1	8	232	697
	AEE312	Automotive Electrical Science	8	221	662
	AUT315	Automotive Commercial Procedures	8	221	662
	LMV412	LMV Technology 2	8	232	697
	LMV413	LMV Workshop 2	8	232	697
	LMV414	LMV Project	8	232	697
Certificate IV in Automotive Engineering (Major in Heavy Mobile Plant)					
Year 1	Trimester				
	AUT310	Vehicle Mechanical Systems	8	221	662
	AUT311	Vehicle mechanical Systems Workshop	8	221	662
	AUT312	Vehicle Electronics and Fuel Systems	8	221	662
	AUT313	Vehicle Electronics and Fuel Systems Workshop	8	221	662
	OHS401	Occupational Health and Safety	10	182	545
	ETH301	Fundamentals of Ethical Practices	5	86	259
	AEE310	Vehicle Management Systems	8	221	662
	AEE311	Vehicle Management Systems Workshop	8	221	662
	MTH301	Preliminary Mathematics I	5	100	300
	COM301	Communication Skills and Studies	7	121	362
	HMP410	HMP Technology 1	8	232	697
	HMP411	HMP Workshop 1	8	232	697
	AEE312	Automotive Electrical Science	8	221	662
	AUT315	Automotive Commercial Procedures	8	221	662
	HMP412	HMP Technology 2	8	232	697
	HMP413	HMP Workshop 2	8	232	697
	HMP414	HMP Project	8	232	697
Certificate IV Plant Maintenance Engineering					
Year 1	Trimester				
	FMG317	Basic Machining Process and Practice	8	221	662
	PLM313	Barings, Lubrication and Installation	8	221	662
	MEN316	Engineering Drawing	6	166	497
	MEN419	Applied Engineering Material Processes	6	174	523
	OHS401	Occupational Health and Safety	10	182	545
	CIN102	Use of Computers	4	69	207
	PLM420	Mechanical Lifting and Material Handling	8	232	697
	ETH301	Fundamentals of Ethical Practices	5	86	259
	MEN318	Engineering Workshop Calculation	4	110	331

	PLM421	Fundamentals of Heat Practices	9	261	784	
	PLM422	Electro Hydraulics and Pneumatics	9	261	784	
	ACR325	Engineering Building Services	4	110	331	
	MEN315	Introduction to Mechanics	5	138	414	
	PLM423	Industrial Instrumentation and PLC Control	9	261	784	
	MEN428	AutoCAD and Introduction to Solid Works	8	232	697	
	PLM424	Plant Preventive Maintenance and Management	9	261	784	
	PLM425	Plant Engineering Technology	9	261	784	
	PLM426	Steam Power Plant	10	290	871	
	PLM427	Mechanical Power Transmission	9	261	784	
	EEE312	Electrical and Electronic Principle and Testing Equipment	9	248	745	
	MEN429	3D-CAD Using Solid Works	8	232	697	
Certificate IV in Refrigeration and Air Conditioning						
Year 1	Trimester					
	ACR320	Fundamentals of Refrigeration Technology	7	193	580	
	ACR321	Introduction to Refrigerants & Components	8	138	414	
	ACR322	Refrigeration Analysis	8	221	662	
	ACR323	Electrical Analysis and Application	8	221	662	
	ACR430	Domestic Refrigeration appliances	7	203	610	
	COM301	Technical Communication	7	121	362	
	FMG317	Basic Machining Process & Practice	8	221	662	
	ACR324	Principles of AC & DC Current	9	248	745	
	ACR422	Electric Motors & Circuit Application	9	261	784	
	ACR423	Refrigeration Application Control	10	290	871	
	ACR425	Commercial Refrigeration	10	290	871	
	ACR426	Air Conditioning Technology	9	261	784	
	OHS401	Occupational Health and Safety	10	182	545	
	ACR421	HVAC Installation Procedures	10	290	871	
	ACR424	Air Conditioning Instrumental Controls	9	261	784	
	ACR427	Introduction to Cooling Towers	9	261	784	
	ACR428	Troubleshooting Instrumentation Control	10	182	545	
	ACR429	Ventilation and Cooling System	9	261	784	
	ETH301	Fundamentals of Ethical practices	5	86	259	
	Certificate IV in Fitting and Machining					
	Year 1	Trimester				
		FMG321	Fitting and Machining Process 1	8	221	662
OHS401		Occupational Health and Safety	10	182	545	
MEN316		Engineering Drawing	6	166	497	
FWG316		Welding Process & Practice	6	166	497	
FMG322		Fitting and Machining Practice 1	11	304	911	
FMG323		Sheetmetal Fitting Practice 1	8	221	662	
ETH301		Fundamentals of Ethical Practices	5	86	259	
MEN318		Engineering Workshop Calculation	4	110	331	
FMG324		Fitting and Machining Process 2	8	221	662	
FMG423		Applied Engineering Drawing	8	232	697	
CIN301		Computer Use and Application	4	69	207	
PLM421		Fundamentals of Heat Engines	9	261	784	
EEE329		Electrical and Electronic Principles and Testing Equipment	7	138	414	
FMG325		Machining Practice 2	11	304	911	
MEN315		Introduction to Mechanics	5	138	414	
FMG426		Specialized Machining Processes including CNC.	7	203	610	
FMG419		Applied Engineering Material Process	10	290	871	
FMG425		Applied Measurement and Inspection	8	232	697	
FMG428		Diagnostics and Maintenance	11	319	958	
FMG427		Specialized Machining Practice	10	290	871	
MEN428		AutoCAD and Introduction to Solid Works	8	232	697	
Certificate IV in Fabrication and Welding						
Year 1	Trimester					
	COM301	Technical Communication	7	121	362	
	OHS401	Occupational Health and Safety	10	182	545	
	FWG332	Welding Technology 1	13	359	1076	
	FWG331	Fabrication Technology 1	13	359	1076	
	FWG333	Fabrication Drawing 1	8	221	662	
	EEE329	Electrical and Electronic Principles and Testing Equipment	7	138	414	
	ETH301	Fundamentals of Ethical Practices	5	86	259	
	FWG334	Fabrication and Welding Calculations	6	166	497	
	FWG411	Fabrication Drawing 2	5	145	436	
	FWG335	Welding Engineering Materials and Application	6	166	497	
	FWG412	Welding Technology 2	13	378	1133	
	FWG414	Welding Science	8	232	697	
	FWG413	Fabrication Technology 2	13	378	1133	
	EEE312	Electrical and Electronic Principles and Testing Equipment	9	248	745	
	FWG423	Fabrication Technology 3	6	174	523	

	FWG422	Welding Technology 3	6	174	523
	FWG424	Fabrication and Welding Project	16	465	1394
	FMG317	Basic Machining Processes and Practice	8	221	662
	FWG421	Fabrication Drawing 3	6	174	523
	MEN428	AutoCAD and Introduction to Solid Works	8	232	697
Certificate IV in Agricultural Engineering					
Year 1	Trimester				
	MEN315	Introduction to Mechanics	5	138	414
	FMG317	Basic Machining Processes and Practice	8	221	662
	MEN316	Engineering Drawing	6	166	497
	CIN301	Computer Use and Application	4	69	207
	OHS401	Occupational Health and Safety	10	182	545
	AGE350	Integrated Farming Systems	8	221	662
	MEN318	Engineering Workshop Calculation	4	110	331
	AGE351	Farm Surveying & Mapping	8	221	662
	ETH301	Fundamentals of Ethical Practices	5	86	259
	AGE450	Farm Irrigation Drainage & Practice	10	290	871
	AGE451	Farm Power & Mechanization Systems	9	261	784
	AGE452	Tractor Operation & Maintenance	11	319	958
	AGE453	Farm Environment & Agricosystems	9	261	784
	EEE329	Electrical & Electronic Principles & Testing Equipment	7	138	414
	FWG302	Welding Processes & Practice	6	166	497
	AGE461	Farm Management & Entrepreneurship	10	290	871
	AGE462	Farm Structures, Buildings, And Construction Practices	10	290	871
	AGE463	Farm Implements , Cultivation, and Maintenance Practice	10	290	871
	AGE470	Engineering Project 1	10	290	871
	AGE464	Post-Harvest Processes and Practice	10	290	871
Certificate IV in Plumbing and Sheetmetal					
Year 1	Trimester				
	ETH301	Fundamentals of Ethical Practices	5	86	259
	OHS403	Occupational Health and Safety III	10	182	545
	CTP404	Building Science	9	261	784
	PSM401	Plumbing & Sheetmetal Drawing	8	232	697
	PSM402	Water Supply Theory	6	174	523
	PSM403	Water Supply Practice	7	203	610
	MTH301	Preliminary Mathematics I	5	100	300
	PSM405	Water Heating Theory	8	232	697
	PSM406	Water Heating Practice	8	232	697
	PSM407	Sheetmetal Fabrication Practice	8	232	697
	PSM408	Sheetmetal Fabrication Theory	7	203	610
	PSM409	Metal Fabrication	8	232	697
	CIN302	Computer Skills	8	138	414
	COM201	Technical Communication I	4	69	207
	CTP414	Computer Aided Drafting	9	261	784
	CTP422	Introduction to Surveying	8	232	697
	PSM410	Sewer and Drainage Theory	7	203	610
	PSM411	Sewer and Drainage Practice	9	261	784
	PSM422	Building Services Project	9	261	784
	PSM423	Plumbing Calculation & Design	8	232	697
Certificate IV in Carpentry and Joinery					
Year 1	Trimester				
	ETH301	Fundamentals of Ethical Practices	5	86	259
	OHS403	Occupational Health and Safety III	10	182	545
	MTH301	Preliminary Mathematics I	5	100	300
	CJY400	Construction Materials 1	8	232	697
	CJY401	Trade Theory A	8	232	697
	CJY402	Trade Practice A	8	232	697
	CJY403	Construction Drawing 1	8	232	697
	CJY404	Craft Science for Construction	8	232	697
	CJY405	Trade Theory B	8	232	697
	CJY406	Trade Practice B	8	232	697
	CJY407	Construction Material	8	232	697
	CTP414	Computer Aided Drafting	9	261	784
	CIN302	Computer Skills	8	138	414
	COM201	Technical Communication I	4	69	207
	CJY426	Wet Trade Theory	8	232	697
	CJY425	Wet Trade Practice	8	232	697
	CJY427	Wood Machining Theory	8	232	697
	CJY423	Construction Equipment	8	232	697
	CJY424	Construction Project	7	203	610
	BCE422	Elementry Surveying	6	174	523
Certificate IV in Printing Technology					
Year 1	Trimester				

GAD416	Layout & Design 1	10	290	871
PRT303	Graphic Pre-Press 1	10	173	518
PRT305	Print Finishing 1	10	173	518
PRT307	Trade Calculation 1	5	138	414
PRT309	Printing Science 1	6	104	311
COM301	Communication Skills and Studies	7	121	362
GAD418	Layout & Design 2	10	290	871
PRT304	Graphic Pre-Press 2	10	173	518
PRT306	Print Finishing 2	10	276	828
PRT308	Trade Calculation 2	5	138	414
PRT310	Printing Science 2	6	104	311
OHS403	Occupational Health and Safety III	10	182	545
PRT405	Screen Printing	10	290	871
PRT401	Graphic Pre-press 3	10	290	871
PRT402	Press & Print Finish. 3	10	290	871
PRT403	T/Calculation	5	145	436
ETH401	Introduction to Ethics and Governance	9	163	490
PRT404	P/Science	6	174	523
Certificate in Radio,Electronic & Television Serviceman				
Penster 1				
EEE201	Basic Electronic	4	110	331
EEE202	Workshop Practice	4	110	331
Penster 2				
EEE282	Radio and TV Servicing	4	110	331
EEE285	Radio & TV Workshop	4	110	331
Penster 3				
EEE332	Colour TV and VCR Servicing	4	110	331
EEE333	Colour TV and VCR Workshop	4	110	331
Certificate in CISCO Networking				
Year 1				
Semester 1				
ECI503	Introduction to Network	10	900	2700
Semester 2				
ECI504	Routing & Switching Essential	10	900	2700
Year 2				
Semester 1				
ECI603	Scaling Network	10	900	2700
Semester 2				
ECI604	Connecting Network	10	900	2700
Certificate IV in Automotive Engineering (Light Motor Vehicle)				
Penster 1				
AUT303	Workshop Safety Procedures	4	110	331
AUT304	Vehicle Mechanical System	4	110	331
AUT305	Vehicle Mechanical System Workshop	5	138	414
AUT306	Vehicle Electrical/Electronics System	4	110	331
AUT307	Vehicle Electrical/Electronics System Workshop	5	138	414
OHS401	Occupational health and Safety I	10	182	545
Penster 2				
AEN301	SI Engine	4	110	331
AEN302	SI Engine and Fuel System	4	110	331
AEN303	SI Engine Workshop	5	138	414
AUT301	Basic Automotive Calculation	4	110	331
COM201	Communication Skills and Studies	4	69	207
Penster 3				
AEN304	Compressed Ignition Engines	4	110	331
AEN305	CI Engine and Fuel System	4	110	331
AEN306	CI Engines Workshop	5	138	414
AEN307	Automotive Engine Project	5	138	414
AUT308	Automotive Craft Science	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
LMV401	Light Motor Vehicle Technology 1	4	116	348
LMV402	Light Motor Vehicle Technology Workshop 1	5	145	436
AUT302	Engineering Drawing	4	110	331
AEN308	Vehicle Mechanical Science 1	4	110	331
CIN301	Computer Use and Applications	4	69	207
Penster 5				
LMV403	Light Motor Vehicle Technology 2	4	116	348
LMV404	Light Motor Vehicle Technology Workshop 2	5	145	436
LMV405	Light Motor Vehicle Project	5	145	436
AEN309	Vehicle Mechanical Science II	4	110	331
AEN310	Automotive Commercial Procedures	4	110	331
Certificate IV in Automotive Engineering (Heavy Commercial Vehicle)				
Penster 1				
AUT303	Workshop Safety Procedures	4	110	331

AUT304	Vehicle Mechanical System	4	110	331
AUT305	Vehicle Mechanical System Workshop	5	138	414
AUT306	Vehicle Electrical/Electronics System	4	110	331
AUT307	Vehicle Electrical/Electronics System Workshop	5	138	414
OHS401	Occupational health and Safety I	10	182	545
Penster 2				
AEN301	SI Engine	4	110	331
AEN302	SI Engine and Fuel System	4	110	331
AEN303	SI Engine Workshop	5	138	414
AUT301	Basic Automotive Calculation	4	110	331
COM201	Communication Skills and Studies	4	69	207
Penster 3				
AEN304	Compressed Ignition Engines	4	110	331
AEN305	CI Engine and Fuel System	4	110	331
AEN306	CI Engines Workshop	5	138	414
AEN307	Automotive Engine Project	5	138	414
AUT308	Automotive Craft Science	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
HCV401	Heavy Commercial Vehicle Technology 1	4	116	348
HCV402	Heavy Commercial Vehicle Workshop 1	5	145	436
AUT302	Engineering Drawing	4	110	331
AEN308	Vehicle Mechanical Science 1	4	110	331
CIN301	Computer Use and Applications	4	69	207
Penster 5				
AEN309	Vehicle Mechanical Science II	4	110	331
AEN310	Automotive Commercial Procedures	4	110	331
HCV403	Heavy Commercial Vehicle Technology 2	4	116	348
HCV404	Heavy Commercial Vehicle Workshop 2	5	145	436
HCV405	Heavy Commercial Vehicle Project	5	145	436

Certificate IV in Automotive Engineering (Heavy Mobile Plant)

Penster 1				
AUT303	Workshop Safety Procedures	4	110	331
AUT304	Vehicle Mechanical System	4	110	331
AUT305	Vehicle Mechanical System Workshop	5	138	414
AUT306	Vehicle Electrical/Electronics System	4	110	331
AUT307	Vehicle Electrical/Electronics System Workshop	5	138	414
OHS401	Occupational health and Safety I	10	182	545
Penster 2				
AEN301	SI Engine	4	110	331
AEN302	SI Engine and Fuel System	4	110	331
AEN303	SI Engine Workshop	5	138	414
AUT301	Basic Automotive Calculation	4	110	331
COM201	Communication Skills and Studies	4	69	207
Penster 3				
AEN304	Compressed Ignition Engines	4	110	331
AEN305	CI Engine and Fuel System	4	110	331
AEN306	CI Engines Workshop	5	138	414
AEN307	Automotive Engine Project	5	138	414
AUT308	Automotive Craft Science	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
CIN301	Computer Use and Applications	4	69	207
HMP401	Heavy Mobile Plant Technology 1	4	116	348
HMP402	Heavy Mobile Plant Workshop 1	5	145	436
AUT302	Engineering Drawing	4	110	331
AEN308	Vehicle Mechanical Science 1	4	110	331
Penster 5				
AEN309	Vehicle Mechanical Science II	4	110	331
AEN310	Automotive Commercial Procedures	4	110	331
HMP403	Heavy Mobile Plant Technology 2	4	116	348
HMP404	Heavy Mobile Plant Workshop 2	5	145	436
HMP405	Heavy Mobile Plant Project	5	145	436

Certificate IV in Automotive Engineering (Motor Vehicle Electrical & Electronics)

Penster 1				
AUT303	Workshop Safety Procedures	4	110	331
AUT304	Vehicle Mechanical System	4	110	331
AUT305	Vehicle Mechanical System Workshop	5	138	414
AUT306	Vehicle Electrical/Electronics System	4	110	331
AUT307	Vehicle Electrical/Electronics System Workshop	5	138	414
OHS401	Occupational health and Safety I	10	182	545
Penster 2				
AEN301	SI Engine	4	110	331

AEN302	SI Engine and Fuel System	4	110	331
AEN303	SI Engine Workshop	5	138	414
AUT301	Basic Automotive Calculation	4	110	331
COM201	Communication Skills and Studies	4	69	207
Penster 3				
AEN304	Compressed Ignition Engines	4	110	331
AEN305	CI Engine and Fuel System	4	110	331
AEN306	CI Engines Workshop	5	138	414
AEN307	Automotive Engine Project	5	138	414
AUT308	Automotive Craft Science	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
CIN301	Computer Use and Applications	4	69	207
AEE401	Automotive Electrics	4	116	348
AEE402	Automotive Electrical Workshop	5	145	436
AUT302	Engineering Drawing	4	110	331
AEN308	Vehicle Mechanical Science 1	4	110	331
Penster 5				
AEE301	Automotive Electrical Science	4	110	331
AEN310	Automotive Commercial Procedures	4	110	331
AEE403	Automotive Electronics & Auxillary Systems	4	116	348
AEE404	Automotive Electronics & Auxillary Workshop	5	145	436
AEE405	Automotive Electrical/Electronic Project	5	145	436
Certificate IV in Automotive Engineering (Major in Body Works)				
Penster 1				
AUT303	Workshop Safety Procedures	4	110	331
AUT306	Vehicle Electrical/Electronics System	4	110	331
AUT307	Vehicle Electrical/Electronics System Workshop	5	138	414
PBS301	Hand Forming Theory	4	110	331
PBS302	Hand Forming Workshop	5	138	414
OHS401	Occupational health and Safety I	10	182	545
Penster 2				
PBS303	Welding Technology	4	110	331
PBS304	Body Maintenance Theory	4	110	331
PBS305	Body Maintenance Workshop	5	138	414
AUT301	Basic Automotive Calculation	4	110	331
COM201	Communication Skills and Studies	4	69	207
Penster 3				
PBS306	Corrosion Treatment Theory	4	110	331
PBS307	Corrosion Treatment Workshop	4	110	331
PBS308	Automotive Body Project	5	138	414
PBS309	Auto Body Design	4	110	331
AUT308	Automotive Craft Science	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
PBS401	Vehicle Accident Repairs	4	116	348
PBS402	Vehicle Accident Repair Workshop	5	145	436
AUT302	Engineering Drawing	4	110	331
AEN308	Vehicle Mechanical Science 1	4	110	331
CIN301	Computer Use and Applications	4	69	207
Penster 5				
PBS403	Realignment Technology	4	116	348
PBS404	Realignment Technology Workshop	5	145	436
PBS405	Realignment Technology Project	5	145	436
AEN309	Vehicle Mechanical Science II	4	110	331
AEN310	Automotive Commercial Procedures	4	110	331
Certificate IV in Automotive Engineering (Automotive Light Machinery)				
Penster 1				
AUT303	W/Shop Safety Procedures	4	110	331
AUT304	Vehicle Mechanical System	4	110	331
AUT305	Vehicle Mechanical Systems W/S	5	138	414
AUT306	Vehicle Electrical/Electronic Systems	4	110	331
AUT307	Vehicle Electrical/Electronic Systems W/S	5	138	414
OHS401	Occupational health and Safety I	10	182	545
Penster 2				
AUT301	Automotive Calculation	4	110	331
AEN401	Spark Ignition Engine	4	116	348
AEN402	Spark Ignition Engine Fuel & Fuel Systems	4	116	348
AEN403	Spark Ignition Engine Fuel & Fuel Systems W/Shop	5	145	436
COM201	Technical Communication	4	69	207
Penster 3				
AEN404	Compression Ignition Engine	4	116	348
AEN405	Compression Ignition Engine Fuel & Fuel Systems	4	116	348

AEN406	Compression Ignition Engine Fuel & Fuel Systems W/S	5	145	436
AEN407	Automotive Engine Project	5	145	436
AEN308	Craft Science	4	110	331
ETH301	Ethics, Values & Governance1	5	86	259
Penster 4				
ALM402	Hydraulic & Pneumatics and Electrical Power Generation	4	116	348
ALM403	Hydraulic & Pneumatics and Electrical Power Generation Workshop	5	145	436
AUT302	Engineering Drawing	4	110	331
AEN308	Vehicle Mechanical Science 1	4	110	331
CIN301	Computer Use and Applications	4	69	207
Penster 5				
AEN309	Vehicle Mechanical Science 11	4	110	331
AEN310	Automotive Commercial Procedures	4	110	331
ALM404	Power Transmission	4	116	348
ALM405	Power Transmission Workshop	5	145	436
ALM401	Light Machinery Project	5	145	436

Trade Diploma in Automotive Engineering

Year 1	Stage1				
	MTH405	Engineering Mathematics 1	10	211	632
	DAE402	Vehicle Engineering Science 1	10	290	871
	DAE403	Automotive Electrical & Electronic Principles	10	290	871
	DAE404	Automotive Engineering Drawing	7	203	610
	DAE405	Workshop Administration and Customer Service	7	203	610
	DAE401	Automotive Laboratory Workshop 1	6	174	523
	DAE406	Engine Technology	10	290	871
	Stage 2				
	DAE408	AutoCAD	10	290	871
	DAE407	Automotive Sensory System	10	290	871
	DAE409	Vehicle Technology	10	290	871
	DAE410	Engineering Design	10	290	871
	DAE411	Engineering Materials	10	290	871
	COM401	Technical Communications	10	182	545
	DAE413	Automotive Laboratory Workshop 2	6	174	523
	Stage 3				
	DAT407	Transport & Environment	9	261	784
	DAE502	Mechanics of Road Vehicle 2	9	324	972
	DAE503	Vehicle Engineering Science 2	9	324	972
	DAE505	Auto Measurements & Instrument Control	9	324	972
	DAE412	Automobile Quality Assurance and Reliability	9	261	784
	MTH504	Engineering Mathematics II	10	261	783
	Stage4				
	DAE504	Auto Project	10	360	1080
	DAE507	Manufacturing Technology	10	360	1080
	DAE506	Automotive Engineering Management	9	324	972
	DAE508	Automobile Thermodynamics	10	360	1080
	CIN410	Micro Computer Applications	9	290	871
	ETH401	Introduction to Ethics and Governance	9	163	490
	OHS403	Occupational Health and Safety III	10	182	545

Trade Diploma in Transport Technology and Management

Year 1	Stage 1				
	ATM501	Transport System 1	10	360	1080
	ATM502	Mechanics of Transport System 1	10	360	1080
	OHS403	Occupational Health and Safety III	10	182	545
	AEN511	Workshop Administration and Organisation	10	360	1080
	COM401	Technical Communications	10	182	545
	ACC301	Introduction to Accounting	12	207	621
	Stage 2				
	ATM503	Transport Systems 2	10	360	1080
	ATM504	Mechanics of Transport System 2	10	360	1080
	ATM505	Transport Legislation 1	10	360	1080
	AEN512	Quality Assurance	10	360	1080
	ACC401	Accounting Environment	14	254	762
	ETH401	Introduction to Ethics and Governance	9	163	490
	Stage 3				
	ATM506	Transport Accident Investigation	10	360	1080
	ATM508	Vehicle Noise and Vibration	10	360	1080
	ATM507	Project	30	1080	3240
	ATM509	Logistic Supply Management	10	360	1080
	CIN406	Computer Applications	14	254	762
	AEN510	Engineering Design	10	360	1080
	STAGE 4				
	Unit Code	Unit Title			
	ATM510	Transport and Environment	10	360	1080

	ATM511	Transport Contract Services	10	360	1080
	ATM601	Transport Management	10	400	1200
	ATM512	Distribution and Business Planning	10	360	1080
	ATM602	Fleet Control and Logistics	10	400	1200
	ATM603	Transport Legislation 2	10	400	1200
SCHOOL OF BUILDING AND CIVIL ENGINEERING					
Certificate IV in Plumbing and Sheetmetal					
Year 1	PENSTER 1				
	BCE302	Trade Calculations 1	4	110	331
	COM201	Technical Communication I	4	69	207
	PSM301	P&S Drawing 1	4	110	331
	PSM302	Cold Water Theory A	4	110	331
	PSM303	Cold Water Practice	4	110	331
	OHS403	Occupational Health and Safety III	10	182	545
	Penster2				
	BCE304	Craft Science 1	4	110	331
	PSM305	Applied Materials	4	110	331
	PSM306	Sheetmetal Practice A	4	110	331
	BCE303	TradeCalculations 2	4	110	331
	PSM307	Sheet Metal Theory A	4	110	331
	PENSTER 3				
	PSM308	Sanitation and Drainage Theory A	4	110	331
	BCE309	Craft Science 2	4	110	331
	PSM310	Hot Water Practice A	4	110	331
	PSM311	Hot Water Theory A	8	221	662
	PSM412	Welding and Fabrication	4	116	348
	ETH301	Fundamentals of Ethical Practices	5	86	259
	Penster 4				
	PSM413	Sheetmetal Practice B	6	174	523
	PSM414	Cold Water Theory B	4	116	348
	PSM415	Hot Water Theory B	4	116	348
	PSM416	Sheetmetal Construction	6	174	523
	PSM417	Sheetmetal Theory B	4	116	348
	PENSTER 5				
	PSM418	Project-Building Services	6	174	523
	PSM419	Sanitation and Drainage Theory B	4	116	348
	PSM420	Sanitation and Drainage Practice B	6	174	523
	PSM421	Design and Calculations	4	116	348
	BCE422	Elementry Surveying	6	174	523
Certificate IV in Carpentry and Joinery					
Year 1	PENSTER 1				
	BCE302	Trade Calculations 1	4	110	331
	COM201	Technical Communication I	4	69	207
	CJY301	Applied Materials 1	4	110	331
	CJY302	Trade Practice A	4	110	331
	CJY303	Trade Theory A	4	110	331
	OHS401	Occupational Health and Safety III	10	182	545
	PENSTER 2				
	BCE304	Craft Science 1	4	110	331
	CJY305	Trade Practice B	4	110	331
	CJY306	C&J Drawing 1	4	110	331
	CJY307	Trade Theory B	4	110	331
	CJY308	Trade Theory C	4	110	331
	PENSTER 3				
	BCE303	TradeCalculations 2	4	110	331
	CJY409	Const. Materials 2	4	116	348
	BCE309	Craft Science 2	4	110	331
	CJY411	Trade Practice C	4	116	348
	CJY412	Trade Practice D	4	116	348
	ETH301	Fundamentals of Ethical Practices	5	86	259
	PENSTER 4				
	CJY413	Wet Trade Theory A	4	116	348
	CJY414	Trade Practice E	6	174	523
	CJY417	C&J Drawing 2	4	116	348
	CJY415	Trade Practice F	6	174	523
	CJY416	Trade Theory D	4	116	348
	PENSTER 5				
	CJY418	Wet Trade Practice A	6	174	523
	CJY419	Wet Trade Theory B	4	116	348
	CJY420	Wood Machining Theory A	4	116	348
	CJY421	Workshop Project A	6	174	523
	BCE422	Elementry Surveying	6	174	523
Short Programme in First Line Supervision					

	COM401	Technical Communications	10	182	545	
	CIN302	Computer Skills	8	138	414	
	FLS500	Built Environment	10	360	1080	
	BCE406	Construction Drawing 1	10	290	871	
	BCE509	Site Production and Supervision	10	360	1080	
	BCE513	Surveying Procedures	10	360	1080	
Trade Diploma in Architectural Technology						
Year 1	Semester 1					
	MTH405	Engineering Mathematics 1	10	211	632	
	COM401	Technical Communications	10	182	545	
	CIN302	Computer Skills	8	138	414	
	BCE404	Construction Science	10	290	871	
	BCE405	Construction Technology I	10	290	871	
	BCE406	Construction Drawing 1	10	290	871	
	OHS403	Occupational Health and Safety III	10	182	545	
	Semester 2					
	BCE507	Construction Materials	10	360	1080	
	ARC512	Design Appreciation	10	360	1080	
	MTH504	Engineering Mathematics II	10	261	783	
	BCE506	Construction Drawing 2 [CAD 1]	10	360	1080	
	BCE500	Construction Technology 2	10	360	1080	
	ETH401	Introduction to Ethics and Governance	9	163	490	
	Year 2	Semester 1				
		BCE513	Surveying Procedures	10	360	1080
BCE414		Building Services I	10	290	871	
ARC516		Environmental Science	10	360	1080	
BCE516		Theory of Structures 1	10	360	1080	
ARC517		Design Theory	10	360	1080	
BCE518		Construction Drawing 3 [CAD 2]	10	360	1080	
Semester 2						
ARC519		Computer Aided Design 2 [3D]	10	360	1080	
BCE520		Contract Management	10	360	1080	
BCE515		Building Services 2	10	360	1080	
ARC521		Architectural Practice	10	360	1080	
BCE523		Construction Technology 3	10	360	1080	
ARC524		Architectural Design Project	10	360	1080	
Trade Diploma in Building						
Year 1		Stage 1				
		MTH405	Engineering Mathematics 1	10	211	632
	COM401	Technical Communications	10	182	545	
	CIN302	Computer Skills	8	138	414	
	BCE404	Construction Science	10	290	871	
	BCE405	Construction Technology I	10	290	871	
	BCE406	Construction Drawing 1	10	290	871	
	OHS403	Occupational Health and Safety III	10	182	545	
	Stage 2					
	BCE507	Construction Materials	10	360	1080	
	BCE513	Surveying Procedures	10	360	1080	
	MTH504	Engineering Mathematics II	10	261	783	
	BCE506	Construction Drawing 2 [CAD 1]	10	360	1080	
	BCE500	Construction Technology 2	10	360	1080	
	ETH401	Introduction to Ethics and Governance	9	163	490	
	Stage 3					
	BCE518	Construction Drawing 3 [CAD 2]	10	360	1080	
	BCE414	Building Services I	10	290	871	
	BCE511	Building Law	10	360	1080	
	BCE509	Site Production and Supervision	10	360	1080	
	BCE517	Tendering and Estimating	10	360	1080	
	BCE516	Theory of Structures 1	10	360	1080	
	BCE520	Contract Management	10	360	1080	
	BLG520	Building Project 4	10	360	1080	
	BLG521	Quality Assurance	10	360	1080	
	BCE515	Building Services 2	10	360	1080	
	BCE523	Construction Technology 3	10	360	1080	
	BCE522	Project Organization	10	360	1080	
	Trade Diploma in Civil Engineering					
	Year 1	Stage 1				
COM401		Technical Communications	10	182	545	
BCE405		Construction Technology I	10	290	871	
CIN302		Computer Skills	8	138	414	
MTH405		Engineering Mathematics 1	10	211	632	
BCE404		Construction Science	10	290	871	
BCE406	Construction Drawing 1	10	290	871		

	OHS403	Occupational Health and Safety III	10	182	545
	Stage 2				
	CIV500	Computer Aided Design I	10	360	1080
	BCE507	Construction Materials	10	360	1080
	BCE516	Theory of Structures 1	10	360	1080
	BCE513	Surveying Procedures	10	360	1080
	CIV510	Civil Engineering Technology 1	10	360	1080
	MTH504	Engineering Mathematics II	10	261	783
	ETH401	Introduction to Ethics and Governance	9	163	490
	Stage 3				
	CIV512	Hydraulics and Fluid Mechanics 1	10	360	1080
	CIV514	Theory of Structures 2	10	360	1080
	CIV513	Engineering Surveying	10	360	1080
	BCE515	Building Services 2	10	360	1080
	CIV516	Structural Design 1	10	360	1080
	CIV515	Soil Mechanics	10	360	1080
	BCE520	Contract Management	10	360	1080
	CIV521	Civil Engineering Design Project	10	360	1080
	CIV522	Structural Design 2	10	360	1080
	CIV518	Measurement of Civil Engineering Works	10	360	1080
	CIV519	Hydraulics and Fluid Mechanics 2	10	360	1080
	CIV520	Highway Engineering	10	360	1080
Trade Diploma in Quantity Surveying					
Year 1					
	Stage 1				
	MTH405	Engineering Mathematics 1	10	211	632
	COM401	Technical Communications	10	182	545
	CIN302	Computer Skills	8	138	414
	BCE404	Construction Science	10	290	871
	BCE405	Construction Technology I	10	290	871
	BCE406	Construction Drawing 1	10	290	871
	OHS403	Occupational Health and Safety III	10	182	545
	BCE507	Construction Materials	10	360	1080
	QSY501	Measurement 1	10	360	1080
	MTH504	Engineering Mathematics II	10	261	783
	BCE500	Construction Technology 2	10	360	1080
	BCE506	Construction Drawing 2 [CAD 1]	10	360	1080
	ETH401	Introduction to Ethics and Governance	9	163	490
	Stage 3				
	BCE414	Building Services I	10	290	871
	BCE520	Contract Management	10	360	1080
	BCE511	Building Law	10	360	1080
	QSY517	Measurement 2	10	360	1080
	BCE517	Tendering and Estimating	10	360	1080
	BCE518	Construction Drawing 3 [CAD 2]	10	360	1080
	QSY501	Measurement 1	10	360	1080
	BCE515	Building Services 2	10	360	1080
	BCE523	Construction Technology 3	10	360	1080
	QSY524	Measurement 3	10	360	1080
	BCE522	Project Organization	10	360	1080
	QSY523	Quantity Surveying Practice	10	360	1080
Trade Diploma in Land Surveying					
Year 1					
	Stage 1				
		Technical Communication			
	MTH405	Engineering Mathematics 1	10	211	632
	LSY405	Surveying 1	10	290	871
	CIN302	Computer Skills	8	138	414
	LSY403	Surveying 1 Practice	12	348	1045
	LSY406	Surveying Drafting	10	290	871
	COM401	Technical Communications	6	182	545
	MTH504	Engineering Mathematics II	10	261	783
	OHS403	Occupational Health and Safety III	10	182	545
	LSY509	Surveying 2	10	360	1080
	LSY408	Survey Law and Implementation [Related Regulations]	10	290	871
	LSY409	CAD	10	290	871
	CIV412	Hydraulics	10	290	871
	Stage 3				
		Introduction to Ethics and Governance			
	CIV400	Computer Aid Drafting	10	290	871
	CIV519	Hydraulics and Fluid Mechanics 2	10	360	1080
	LSY407	Town and Country Planning	10	290	871
	LSY513	Geodetic Computation	10	360	1080
	LSY514	Cadastral Survey and Survey Practice	12	432	1296
	LSY519	Topographical Survey	12	432	1296
	LSY415	GPS Survey	12	348	1045
	LSY417	Valuation for Surveyors	10	290	871

	LSY511	Engineering Surveying	10	360	1080
	LSY516	Introduction to Photogrammetry	12	432	1296
	LSY518	Cadastral Survey Project	10	360	1080
	ETH401	Introduction to Ethics and Governance	9	163	490
Advanced Diploma in Civil Engineering					
	Semester 1				
	ACE601	Structural Mechanics I	12	480	1440
	ACE602	Geomechanics I	12	480	1440
	ACE603	Fluid Mechanics 1	12	480	1440
	MTH603	Advance Engineering Mathematics I	16	464	1392
	Semester 2				
	ACE605	Structural Mechanics 2	12	480	1440
	ACE606	Environmental Engineering	12	480	1440
	ACE607	Design Challenge	12	480	1440
	MTH604	Advance Engineering Mathematics 2	16	464	1392
Bachelors of Engineering (Civil)					
Year 1					
	SEMESTER 1				
	LNG501	English for Academic Studies	10	225	675
	BEN502	Engineering Computation 1	12	432	1296
	BEN503	Engineering Physics	12	432	1296
	BEN504	Engineering Graphics	12	432	1296
	BEN505	Material Science	12	432	1296
	Semester2				
	BEN506	Introduction to Electrical and Electronics	12	432	1296
	BEN601	Engineering Computation 2	12	480	1440
	BEN507	Introduction to Computer Programming	12	432	1296
	BEN508	Engineering Mechanics	12	432	1296
	BEN509	Workshop Practice	12	432	1296
Year 2					
	SEMESTER 1				
	BEC602	Surveying for Engineers	12	480	1440
	BEC603	Geomechanics	12	480	1440
	BEC604	Hydraulics 1	12	480	1440
	BEC605	Structural Mecahnics for Engineers	12	480	1440
	BEC606	Engineering Geology	12	480	1440
	Semester 2				
	BEC607	Engineering Analysis and Problem Solving	14	560	1680
	BEC608	Earthworks, Curves and Hydrographics	16	640	1920
	BEC609	Hydraulics 2	16	640	1920
	BEC610	Ordinary Differential Equations and Numerical Analysis	14	560	1680
Year 3					
	SEMESTER 1				
	BEC701	Design and Analysis of Timber Structures	14	616	1848
	BEC702	Design and Analysis of Steel Structures	14	616	1848
	BEC703	Geotechnical Engineering	16	704	2112
	BEC704	Engineering Hydrology	16	704	2112
	Semester 2				
	BEC705	Reinforced Concrete Structure	16	704	2112
	BEC706	Foundation Engineering	14	616	1848
	BEC707	Civil Measurement and Tendering	16	704	2112
	BEC708	Design of Masonry Structures (Project)	14	616	1848
	BEC709	Airport Engineering	14	616	1848
Year 4					
	SEMESTER 1				
	BEC710	Water Resource Engineering	16	704	2112
	BEC711	Civil Engineering Technology	14	616	1848
	BEC712	Highway Engineering and Design Application	16	704	2112
	BEC713	Ports, Harbour and Basic Coastal Engineering	14	616	1848
	Semester2				
	BEC714	Project Management	14	616	1848
	BEC715	Irrigation Engineering (Elective)	14	616	1848
	BEC716	Structural Analysis	16	704	2112
	BEC717	Earthquake Engineering (Elective)	16	704	2112
	BEC718	Advanced Water Engineering Project	16	704	2112
	Attachment of 6 months				
Bachelor of Engineering [Electrical Engineering]					
Year 1					
	Semester 1				
	LNG501	English for Academic Studies	10	225	675
	BEN502	Engineering Computation I	12	432	1296
	BEN503	Engineering Physics	12	432	1296
	BEN504	Engineering Graphics	12	432	1296
	BEN505	Material Science	12	432	1296
	SEMESTER 2				
	BEN506	Introduction to Electrical & Electronics Engineering	12	432	1296
	BEN507	Introduction to Computer Programming	12	432	1296

Year 2	BEN508	Engineering Mechanics	12	432	1296	
	BEN509	Workshop Practice	12	432	1296	
	BEN601	Engineering Computation II	12	480	1440	
	Semester 1					
	EEE601	Engineering Planning	12	480	1440	
	EEE627	Logic Design	12	480	1440	
	EEE662	Engineering Software	12	480	1440	
	EEE681	Electro Technology	12	480	1440	
	EEE694	Engineering Mathematics III	12	480	1440	
	SEMESTER 2					
	EEE600	Design Project	12	480	1440	
	EEE603	Electrical Engineering Modeling	12	480	1440	
EEE618	Mechatronics	12	480	1440		
EEE661	Introduction to C++ Programming	12	480	1440		
EEE695	Engineering Mathematics IV	12	480	1440		
Year 3	Semester 1					
	EEE701	Fields & Waves	12	528	1584	
	EEE782	Electrical Machines	12	528	1584	
	EEE743	Control Systems Engineering	12	528	1584	
	EEE784	Power Generation	12	528	1584	
	EEE761	PLC & SCADA Systems	12	528	1584	
	SEMESTER 2					
	EEE706	Engineering & Society	9	396	1188	
	EEE707	Group Project	42	1848	5544	
	EEE766	Microcontroller-Based System Design	9	396	1188	
	Year 4	Semester 1				
		EEE785	Project - I	24	1056	3168
EEE787		Fundamentals of Digital Signal Processing	12	528	1584	
EEE788		Power Transmission & Distribution	12	528	1584	
EEE789		Power Utilization & Services	24	1056	3168	
SEMESTER 2						
EEE786		Project - II	24	1056	3168	
EEE790		Innovation Management & New Product Development	18	792	2376	
EEE791		Renewable Energy & New Technologies	18	792	2376	
Bachelor of Engineering [Telecommunication and Networking]						
Year 1		SEMESTER 1				
		LNG501	English for Academic Studies	10	225	675
	BEN502	Engineering Computation I	12	432	1296	
	BEN503	Engineering Physics	12	432	1296	
	BEN504	Engineering Graphics	12	432	1296	
	BEN505	Material Science	12	432	1296	
	SEMESTER 2					
	BEN506	Introduction to Electrical and Electronics Engineering	12	432	1296	
	BEN507	Introduction to Computer Programming	12	432	1296	
	BEN508	Engineering Mechanics	12	432	1296	
	BEN509	Workshop Practice	12	432	1296	
	BEN601	Engineering Computation II	12	480	1440	
Year 2	Semester 1					
	EEE601	Engineering Planning	12	480	1440	
	EEE627	Logic Design	12	480	1440	
	EEE662	Engineering Software	12	480	1440	
	EEE681	Electro Technology	12	480	1440	
	EEE694	Engineering Mathematics III	12	480	1440	
	SEMESTER 2					
	EEE600	Design Project	12	480	1440	
	EEE610	Electrical Engineering Modeling	10	400	1200	
	EEE618	Mechatronics	12	480	1440	
	EEE661	Introduction to C++ Programming	12	480	1440	
	EEE695	Engineering Mathematics IV	12	480	1440	
Year 3	SEMESTER 1					
	EEE701	Fields & Waves	12	528	1584	
	EEE743	Control Systems Engineering	12	528	1584	
	EEE747	Radio Frequency(RF) Principle	12	528	1584	
	EEE748	Telecommunication System	12	528	1584	
	EEE750	Digital Communication	12	528	1584	
	SEMESTER 2					
	EEE706	Engineering & Society	9	396	1188	
	EEE707	Group Project	42	1848	5544	
	EEE745	Introduction to Computer Networking	9	396	1188	
	Year 4	SEMESTER 1				
		EEE785	Project I	24	1056	3168
EEE787		Fundamentals of Digital Signal Processing	12	528	1584	
EEE792		Antennas & Propagation	12	528	1584	

	EEE793	Communication Theory	12	528	1584
	SEMESTER 2				
	EEE786	Project II	24	1056	3168
	EEE790	Innovation Management and New Product Development	18	792	2376
	EEE794	Mobile and Personal Communication System	18	792	2376
Bachelor of Engineering [Computer & Control Engineering]					
Year 1	SEMESTER 1				
	LNG501	English for Academic Studies	10	225	675
	BEN502	Engineering Computation I	12	432	1296
	BEN503	Engineering Physics	12	432	1296
	BEN504	Engineering Graphics	12	432	1296
	BEN505	Material Science	12	432	1296
	SEMESTER 2				
	BEN506	Introduction to Electrical & Electronics Engineering	12	432	1296
	BEN507	Introduction to Computer Programming	12	432	1296
	BEN508	Engineering Mechanics	12	432	1296
	BEN509	Workshop Practice	12	432	1296
	BEN601	Engineering Computation II	12	480	1440
Year 2	Semester 1				
	EEE601	Engineering Planning	12	480	1440
	EEE627	Logic Design	12	480	1440
	EEE662	Engineering Software	12	480	1440
	EEE681	Electro Technology	12	480	1440
	EEE694	Engineering Mathematics III	12	480	1440
	SEMESTER 2				
	EEE600	Design Project	12	480	1440
	EEE603	Electrical Engineering Modeling	12	480	1440
	EEE618	Mechatronics	12	480	1440
	EEE661	Introduction to C++ Programming	12	480	1440
	EEE695	Engineering Mathematics IV	12	480	1440
Year 3	SEMESTER 1				
	EEE701	Fields & Waves	12	528	1584
	EEE767	Computer Architecture	12	528	1584
	EEE743	Control Systems Engineering	12	528	1584
	EEE768	System Programming & System Control	12	528	1584
	EEE769	Advanced Programming Language	12	528	1584
	SEMESTER 2				
	EEE706	Engineering & Society	9	396	1188
	EEE707	Group Project	42	1848	5544
	EEE745	Introduction To Computer Networking	9	396	1188
Year 4	SEMESTER 1				
	EEE785	Project - I	24	1056	3168
	EEE787	Fundamentals of Digital Signal Processing	12	528	1584
	EEE795	Artificial Intelligence & Robotics	12	528	1584
	EEE796	VHDL and Logic Synthesis	12	528	1584
	SEMESTER 2				
	EEE786	Project – II	24	1056	3168
	EEE790	Innovation Management & New Product Development	18	792	2376
	EEE867	Microprocessor Systems & Embedded Systems	18	1008	3024
Bachelor of Engineering [Electronics and Instrumentation]					
Year 1	SEMESTER 1				
	LNG501	English for Academic Studies	10	225	675
	BEN502	Engineering Computation I	12	432	1296
	BEN503	Engineering Physics	12	432	1296
	BEN504	Engineering Graphics	12	432	1296
	BEN505	Material Science	12	432	1296
	SEMESTER 2				
	BEN506	Introduction to Electrical & Electronics Engineering	12	432	1296
	BEN507	Introduction to Computer Programming	12	432	1296
	BEN508	Engineering Mechanics	12	432	1296
	BEN509	Workshop Practice	12	432	1296
	BEN601	Engineering Computation II	12	480	1440
Year 2	Semester 1				
	EEE601	Engineering Planning	12	480	1440
	EEE627	Logic Design	12	480	1440
	EEE662	Engineering Software	12	480	1440
	EEE681	Electro Technology	12	480	1440
	EEE694	Engineering Mathematics III	12	480	1440
	SEMESTER 2				
	EEE600	Design Project	12	480	1440
	EEE603	Electrical Engineering Modeling	12	480	1440
	EEE618	Mechatronics	12	480	1440
	EEE661	Introduction to C++ Programming	12	480	1440

Year 3	EEE695	Engineering Mathematics IV	12	480	1440
	SEMESTER 1				
	EEE701	Fields & Waves	12	528	1584
	EEE743	Control Systems Engineering	12	528	1584
	EEE713	Principles of Measurement & Instrumentation I	12	528	1584
	EEE723	Industrial Electronics	12	528	1584
	EEE761	PLC and SCADA System	12	528	1584
	SEMESTER 2				
	EEE706	Engineering & Society	9	396	1188
	EEE707	Group Project	42	1848	5544
Year 4	EEE714	Industrial Instrumentation	9	396	1188
	SEMESTER 1				
	EEE785	Project - I	24	1056	3168
	EEE787	Fundamentals of Digital Signal Processing	12	528	1584
	EEE796	VHDL and Logic Synthesis	12	528	1584
	EEE798	Industrial Instrument and Instrumentation II	12	528	1584
	SEMESTER 2				
	EEE786	Project - II	24	1056	3168
	EEE790	Innovation Management & New Product Development	18	792	2376
	EEE797	Microprocessor System and Embedded System	18	792	2376
Bachelors of Engineering (Mechanical)					
Year 1	Semester 1				
	BEN503	Engineering Physics	12	432	1296
	COM501	Business Communication	12	270	810
	BEN505	Material Science	12	432	1296
	BEN504	Engineering Graphics	14	432	1296
	BEN502	Engineering Computation 1	12	432	1296
	Semester 2				
	BEN506	Introduction to Electrical and Electronics	12	432	1296
	BEN601	Engineering Computation 2	12	480	1440
	BEN507	Introduction to Programming	12	432	1296
Year 2	BEN508	Engineering Mechanics	12	432	1296
	BEN509	Workshop Practice	12	432	1296
	Semester 1				
	MEC602	Project (Mechanical)	15	600	1800
	MEC603	Engineering Planning 2	15	600	1800
	MEC604	Engineering Management	15	600	1800
	MEC701	Computer Aided Design and Analysis	15	660	1980
	Semester 2				
	MEC702	Engineering Computation 3	15	660	1980
	MEC605	Manufacturing Technology	15	600	1800
Year 3	MEC606	Solid Mechanics	15	600	1800
	MEC607	Dynamics	15	600	1800
	Semester 1				
	MEC703	Design Project 2 (Mechanical)	15	660	1980
	MEC709	Quantitative Techniques	15	660	1980
	MEC704	Mechanics and Dynamics of Machinery	15	660	1980
	MEC706	Mechatronics	15	660	1980
	Semester 2				
	MEC705	Renewable Energy	15	660	1980
	MEC710	Advanced Industrial Computing	15	660	1980
Year 4	MEC707	Thermodynamics	15	660	1980
	MEC708	Fluid Mechanics and Heat Transfer	15	660	1980
	Semester 1				
	MEC711	Engineering Studies	15	660	1980
	MEC713	Industrial Project (Mechanical) A	15	660	1980
	MEC718	Mechanical Behaviour of Materials	15	660	1980
		PLUS ONE OF THE FOLLOWING:			
	MEC712	Advanced Manufacturing Technology	15	660	1980
	MEC716	Automation Systems	15	660	1980
	MEC714	Mechanical Design and Analysis	15	660	1980
Semester 2					
MEC715	Advanced Operations Management	15	660	1980	
MEC717	Industrial Project (Mechanical) B	15	660	1980	
MEC719	Industrial Combustion Engines	15	660	1980	
Trade Diploma in Civil Engineering					
Year 1	Trimester 1 - Stage 1				
	COM401	Technical Communication	10	182	545
	MTH405	Engineering Mathematics I	10	211	632
	MEC450	Engineering Graphics	4	116	348
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272

	MEC470	Engineering Graphics Laboratory	6	174	523
	Trimester 2 - Stage 2				
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505
	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
	Trimester 3 - Stage 3				
	DEN400	Civil Engineering Technology	10	290	871
	DEN401	Computer Aided Design I	10	290	871
	DEN402	Materials for Construction	7	203	610
	DEN404	Construction Technology Theory I	7	203	610
	DEN406	Land Surveying Theory	7	203	610
	DEN403	Materials for Construction Laboratory	3	87	261
	DEN405	Construction Technology Practice I	3	87	261
	DEN407	Land Surveying Practice	3	87	261
	Trimester 1- Stage 4				
	DEN500	Building Services	10	360	1080
	DCE501	Hydraulics & Fluid Mechanics 1	7	252	756
	DCE503	Soil Mechanics	7	252	756
	DCE505	Theory of Structures	7	252	756
	DCE507	Design of Timber Structures	10	360	1080
	DCE502	Hydraulics & Fluid Mechanics 1 Laboratory	3	108	324
	DCE504	Soil Mechanics Laboratory	3	108	324
	DCE506	Theory of Structures Laboratory	3	108	324
	Trimester 2 - Stage 5				
	DCE508	Civil Engineering Contract Management	8	288	864
	DCE509	Civil Engineering Design Project	8	288	864
	DCE510	Design of Concrete Structures	8	288	864
	DCE511	Town and Country Planning	10	360	1080
	DCE512	Measurement of Civil Works	8	288	864
	DCE513	Design of Steel Structures	8	288	864
	Trade Diploma in Building				
	Year 1				
	Trimester 1 - Stage 1				
	COM401	Technical Communication	10	182	545
	MTH405	Engineering Mathematics I	10	211	632
	MEC450	Engineering Graphics	4	116	348
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272
	MEC470	Engineering Graphics Laboratory	6	174	523
	Trimester 2 - Stage 2				
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505
	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
	Trimester 3 - Stage 3				
	DEN400	Civil Engineering Technology	10	290	871
	DEN401	Computer Aided Design I	10	290	871
	DEN402	Materials for Construction	7	203	610
	DEN404	Construction Technology Theory I	7	203	610
	DEN406	Land Surveying Theory	7	203	610
	DEN403	Materials for Construction Laboratory	3	87	261
	DEN405	Construction Technology Practice I	3	87	261
	DEN407	Land Surveying Practice	3	87	261
	DEN500	Building Services	10	360	1080
	Trimester 1- Stage 4				
	DEN501	Computer Aided Design II	8	288	864
	DEN502	Construction Technology II	8	360	1080
	DEN510	Measurement 1	7	252	756
	DBG502	Site & Project Supervision	6	216	648
	DEN513	Tendering & Estimating	6	216	648
	DQS503	Building Project 1	9	324	972
	Trimester 2 - Stage 5				
	DQS504	Building Project 2	9	324	972
	DEN506	Project Organization	8	288	864
	DEN503	Construction Technology III	9	324	972
	DEN507	Contract Management	8	288	864
	Year 2				

	DBG505	Maintenance Management	7	252	756	
Trade Diploma in Architectural Technology						
Year 1	Trimester 1 - Stage 1					
	COM401	Technical Communication	10	182	545	
	MTH405	Engineering Mathematics I	10	211	632	
	MEC450	Engineering Graphics	4	116	348	
	PHY416	Engineering Physics	8	168	505	
	CIN445	Introduction to Computer Programming	8	145	436	
	OHS445	Occupational Health and Safety	5	91	272	
	MEC470	Engineering Graphics Laboratory	6	174	523	
	Trimester 2 - Stage 2					
	PHY470	Engineering Physics Laboratory	2	42	126	
	CIN470	Introduction to Computer Programming Laboratory	2	36	109	
	CHM406	Engineering Chemistry	8	168	505	
	EEE460	Electrical and Electronics Engineering	8	232	697	
	ETH401	Introduction to Ethics and Governance	9	163	490	
	CHM470	Engineering Chemistry Laboratory	2	42	126	
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174	
	Trimester 3 - Stage 3					
	DEN400	Civil Engineering Technology	10	290	871	
	DEN401	Computer Aided Design 1	10	290	871	
	DEN402	Materials for Construction	7	203	610	
	DEN404	Construction Technology Theory 1	7	203	610	
	DEN405	Construction Technology Practice 1	3	87	261	
	DEN406	Land Surveying Theory	3	203	610	
	DEN407	Land Surveying Practice	7	87	261	
	DEN403	Materials for Construction Laboratory	3	87	261	
	DEN500	Building Services	7	360	1080	
	Year 2	Trimester 1 - Stage 4				
		DEN501	Computer Aided Design 2	8	288	864
		DEN502	Construction Technology II	10	360	1080
		DAT409	Design Appreciation Practice	7	203	610
DAT515		Architectural Design Theory	9	324	972	
DAT511		Environmental Design Science	9	324	972	
DAT512		Architectural Design Project	9	324	972	
Trimester 2 - Stage 5						
DAT513		Professional Practice	8	288	864	
DAT514		Architectural 3D Design	9	324	972	
DEN503		Construction Technology III	9	324	972	
DEN504		Contract Management	8			
DEN505		Specifications Writing Practice	7	252	756	
Trade Diploma in Quantity Surveying						
Year 1		Trimester 1 - Stage 1				
		COM401	Technical Communication	10	182	545
		MTH405	Engineering Mathematics I	10	211	632
		MEC450	Engineering Graphics	4	116	348
		PHY416	Engineering Physics	8	168	505
		CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272	
	MEC470	Engineering Graphics Laboratory	6	174	523	
	Trimester 2 - Stage 2					
	PHY470	Engineering Physics Laboratory	2	42	126	
	CIN470	Introduction to Computer Programming Laboratory	2	36	109	
	CHM406	Engineering Chemistry	8	168	505	
	EEE460	Electrical and Electronics Engineering	8	232	697	
	ETH401	Introduction to Ethics and Governance	9	163	490	
	CHM470	Engineering Chemistry Laboratory	2	42	126	
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174	
	Trimester 3 - Stage 3					
	DCE400	Civil Engineering Technology	10	290	871	
	DEN401	Computer Aided Design 1	10	290	871	
	DEN402	Materials for Construction	7	203	610	
	DEN404	Construction Technology Theory I	7	203	610	
	DEN406	Land Surveying Theory	7	203	610	
	DEN403	Materials for Construction Laboratory	3	87	261	
	DEN405	Construction Technology Practice 1	3	87	261	
	DEN407	Land Surveying Practice	3	87	261	
	DEN500	Building Services	8	360	1080	
	Year 2	DQS505	Measurement 2	8	288	864
		DEN501	Computer Aided Design 2	8	288	864
		DEN502	Construction Technology II	8	360	1080
		DEN510	Measurement 1	7	252	756
DQS502		Quantity Surveying Practice	6	216	648	

	DEN513	Tendering & Estimating	6	216	648	
	DOS503	Building Project 1	9	324	972	
	DOS504	Building Project 2	9	324	972	
	DEN506	Project Organization	8	288	864	
	DEN503	Construction Technology III	9	324	972	
	DOS505	Measurement 2	8	288	864	
	DEN505	Specification Writing Practice	7	252	756	
Trade Diploma in Land Surveying						
Year 1	COM401	Technical Communication	10	182	545	
	MTH405	Engineering Mathematics I	10	211	632	
	MEC450	Engineering Graphics	4	116	348	
	PHY416	Engineering Physics	8	168	505	
	CIN445	Introduction to Computer Programming	8	145	436	
	OHS445	Occupational Health and Safety	5	91	272	
	MEC470	Engineering Graphics Laboratory	6	174	523	
	PHY470	Engineering Physics Laboratory	2	42	126	
	CIN470	Introduction to Computer Programming Laboratory	2	36	109	
	CHM406	Engineering Chemistry	8	168	505	
	EEE460	Electrical and Electronics Engineering	8	232	697	
	ETH401	Introduction to Ethics and Governance	9	163	490	
	CHM470	Engineering Chemistry Laboratory	2	42	126	
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174	
	DLS409	CAD for Surveyors	10	290	871	
	DLS408	Surveying Law and Regulations	6	174	523	
	DLS507	Subdivision Design	6	216	648	
	DLS405	Surveying 1	10	290	871	
	DLS406	Surveying Drafting	9	261	784	
	DLS403	Surveying Practice	10	290	871	
	DCE501	Hydraulics & Fluid Mechanics 1 (Lecture)	8	252	756	
	DCE502	Hydraulics & Fluid Mechanics 1 (Laboratory)	6	108	324	
	Year 2	DLS509	Surveying 2	10	360	1080
		DLS513	Introduction to Geodetic & GPS Surveying	10	360	1080
DLS519		Topographical Surveying	6	216	648	
DLS511		Engineering Survey Theory	10	360	1080	
DLS514		Cadastral Survey and Survey Practice	10	360	1080	
DLS605		Cadastral Survey Project	9	360	1080	
DLS606		Engineering Survey Practice	10	400	1200	
DCE603		Hydraulics & Fluid Mechanics 2 (Lecture)	7	280	840	
DCE604		Hydraulics & Fluid Mechanics 2 (Laboratory)	5	200	600	
DLS516		Introduction to Photogrammetry and GIS	10	360	1080	
Trade Diploma in Mechanical Engineering						
Year 1		Trimester 1				
	COM401	Technical Communication	10	182	545	
	MTH405	Engineering Mathematics I	10	211	632	
	MEC450	Engineering Graphics	4	116	348	
	PHY416	Engineering Physics	8	168	505	
	CIN445	Introduction to Computer Programming	8	145	436	
	OHS445	Occupational Health and Safety	5	91	272	
	MEC470	Engineering Graphics Laboratory	6	174	523	
	PHY470	Engineering Physics Laboratory	2	42	126	
	CIN470	Introduction to Computer Programming Laboratory	2	36	109	
	Trimester 2					
	CHM406	Engineering Chemistry	8	168	505	
	EEE460	Electrical and Electronics Engineering	8	232	697	
	ETH401	Introduction to Ethics and Governance	9	163	490	
	CHM470	Engineering Chemistry Laboratory	2	42	126	
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174	
	MEC451	Engineering Mechanics	8	232	697	
	EWP452	Engineering Workshop Practice	5	145	436	
	MEC472	Engineering Mechanics Laboratory	2	58	174	
	Trimester 3					
	MEC551	Engineering Analysis with MATLAB	6	216	648	
	MEC552	Strength of Materials	7	252	756	
	MEC554	Production Technology	7	252	756	
	MEC555	Engineering Thermodynamics	7	252	756	
	MEC558	Fluid Mechanics and Machinery	8	288	864	
	MEC559	Engineering Materials	8	288	864	
	MEC578	Fluid Mechanics and Machinery Laboratory	2	72	216	
	MEC571	Engineering Materials Laboratory	2	72	216	
	MEC573	Workshop Practices I	3	108	324	
	Year 2	Trimester 1				
		MEC561	Manufacturing Technology	7	252	756
		MEC562	Plant Technology and Machinery	7	252	756

	MEC563	Thermal Engineering	6	216	648
	MEC564	Machine Design	7	252	756
	MEC565	Introduction to Solid Works	7	252	756
	MEC560	Engineering Management	7	252	756
	MEC575	Computer Numerical Control Lab	3	108	324
	MEC576	Heat Power Engineering Laboratory	2	72	216
	MEC577	Workshop Practices II	3	108	324
Year 2	Trimester 2				
	MEC580	Engineering Project	10	360	1080
	MEC566	Instrumentation and Controls	8	288	864
	MEC567	Power Plant Engineering	8	288	864
	EEE547	Programmable Logic Controller	7	252	756
	MEC569	Maintenance Management	8	288	864
	MEC581	Instrumentation and Controls - Laboratory	2	72	216
	EEE558	Programmable Logic Controller - Laboratory	3	108	324
	MEC583	Power Plant Engineering Laboratory	3	108	324
Trade Diploma in Renewable Energy Engineering					
Year 1	Trimester 1				
	COM401	Technical Communication	10	182	545
	MTH405	Engineering Mathematics I	10	211	632
	MEC450	Engineering Graphics	4	116	348
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272
	MEC470	Engineering Graphics Laboratory	6	174	523
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505
	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
Year 1	Trimester 2				
	MEC451	Engineering Mechanics	8	232	697
	MTH504	Engineering Mathematics II	10	261	783
	EWP452	Engineering Workshop Practice	5	145	436
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272
	MEC472	Engineering Mechanics Laboratory	2	58	174
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505
	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
Year 1	Trimester 3				
	MEC558	Fluid Mechanics and Machinery	8	288	864
	REE554	Thermal Engineering	10	360	1080
	REE506	Biomass Energy System	10	360	1080
	REE400	Renewable Energy Project 1	8	232	697
	MEC559	Engineering Materials	8	288	864
	MEC578	Fluid Mechanics and Machinery Laboratory	2	72	216
	REE570	Biomass and Thermal Engineering Laboratory	2	72	216
	MEC572	Materials Engineering Laboratory	2	72	216
Year 2	Trimester 1				
	REE510	Solar Energy System	8	288	864
	REE511	Wind Energy System	8	288	864
	REE500	Renewable Energy Project 2	8	288	864
	EEE566	Electrical Machines Drives and Controls	8	288	864
	MEC560	Engineering Management	7	252	756
	REE574	Solar Energy Laboratory	3	108	324
	REE575	Wind Turbine Laboratory	3	108	324
	EEE580	Electrical Machines Drive and Controls Laboratory	7	252	756
Year 2	Trimester 2				
	REE590	Energy Conservation Technology	10	360	1080
	REE591	Energy Audit, Security, Policy and Planning	10	360	1080
	REE592	Hydro-Electric Power System	10	360	1080
	REE593	Renewable Energy Project 3	16	576	1728
	REE594	Hydro-Electric Laboratory	4	144	432
Trade Diploma in Agricultural Engineering					
Year 1	Trimester 1 - Stage 1				

	COM401	Technical Communication	10	182	545
	MTH405	Engineering Mathematics I	10	211	632
	MEC450	Engineering Graphics	4	116	348
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272
	MEC470	Engineering Graphics Laboratory	6	174	523
	Trimester 2 - Stage 2				
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505
	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
	Trimester 3 - Stage 3				
	AGE520	Agriculture for Engineers	8	288	864
	AGE521	Farm Surveying and Levelling	8	288	864
	MEC558	Fluid Mechanics and Machinery	8	288	864
	AGE523	Engineering Statistics	6	216	648
	AGE524	Basic Manufacturing Technology	6	216	648
	MEC559	Engineering Materials	8	288	864
	MEC571	Engineering Materials Laboratory	2	72	216
	AGE575	Basic Manufacturing Technology Laboratory	2	72	216
	MEC578	Fluid Mechanics and Machinery Laboratory	2	72	216
	Trimester 1 - Stage 4				
	AGE500	Agricultural Engineering Project I	7	252	756
	AGE531	Agricultural Structures & Buildings	7	252	756
	AGE532	Soil & Water Resources Engineering	8	288	864
	AGE533	Agribusiness Management & Entrepreneurship	7	252	756
	AGE534	Farm Machinery & Power	8	288	864
	AGE535	Post Harvest Engineering	7	252	756
	AGE580	Soil & Water Resources Lab	2	72	216
	AGE581	Post Harvest Engineering Lab	2	72	216
	AGE582	Farm Machinery & Power Lab	2	72	216
	Trimester 2 - Stage 5				
	AGE544	Tractor Systems & Controls	8	288	864
	AGE545	Drainage and Irrigation Engineering	6	216	648
	AGE541	Rural Extension & Technology Transfer	6	216	648
	AGE542	Bio-Energy Engineering	6	216	648
	AGE543	Precision Agriculture	6	216	648
	AGE590	Agricultural Engineering Project II	10	360	1080
	AGE591	Tractor Maintenance and practice Lab	4	144	432
	AGE592	Drainage and Irrigation Laboratory	2	72	216
	AGE593	Bio-Energy Lab	2	72	216
	Trade Diploma in Plant Engineering				
	COM401	Technical Communication	10	182	545
	MTH405	Engineering Mathematics I	10	211	632
	MEC450	Engineering Graphics	4	116	348
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272
	MEC470	Engineering Graphics Laboratory	6	174	523
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505
	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
	TRADE DIPLOMA IN ELECTRONIC ENGINEERING (Electronic Instrumentation & Control)				
	Year 1				
	Trimester 1				
	COM401	Technical Communication	10	182	545
	MTH405	Engineering Mathematics I	10	211	632
	MEC450	Engineering Graphics	4	116	348
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272
	MEC470	Engineering Graphics Laboratory	6	174	523
	Trimester 2				
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505

Year 2	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
	Trimester 3				
	EEE463	Workshop Practice for Electronic Technician	7	203	610
	EEE475	Digital Electronic I	7	203	610
	EEE476	Analog Electronic I	7	203	610
	EEE466	Circuit Analysis	7	203	610
	EEE468	Engineering Computing	8	232	697
	EEE467	Electrical Principles	7	203	610
	EEE471	Circuit Analysis Laboratory	3	87	261
	EEE472	Electrical Principles Laboratory	3	87	261
	EEE478	Analog and Digital Electronics Laboratory	3	87	261
	Trimester 1				
	EEE550	Project I - Electronics	8	288	864
	EEE551	Digital Electronics II	7	252	756
	EEE552	Analog Electronics II	7	252	756
	EEE583	Control System Engineering	7	252	756
	EEE554	Computer System	6	216	648
	EEE555	Computer Technology	6	216	648
	EEE556	Analog II and Digital II Electronics Laboratory	3	108	324
	EEE558	Computer Technology Laboratory	3	108	324
	EEE584	Control System Engineering Laboratory	3	108	324
	Trimester 2				
	EEE560	Project II - Electronics	8	288	864
	EEE585	Engineering Management	6	216	648
	EEE559	Power Control Electronics	6	216	648
	EEE580	Electronics Instrumentation	7	252	756
	EEE581	Microcontrollers Application	8	288	864
	EEE547	Programmable Logic Controllers(PLC) and SCADA	7	252	756
	EEE549	Programmable Logic Control and SCADA Laboratory	3	108	324
	EEE578	Power Control Electronics Laboratory	3	108	324
	EEE582	Electronic Instrumentation Laboratory	3	108	324
Trade Diploma in Electrical Engineering(Electrical & Renewable Energy)					
Year 1	Trimester 1				
	COM401	Technical Communication	10	182	545
	MTH405	Engineering Mathematics I	10	211	632
	MEC450	Engineering Graphics	4	116	348
	PHY416	Engineering Physics	8	168	505
	CIN445	Introduction to Computer Programming	8	145	436
	OHS445	Occupational Health and Safety	5	91	272
	MEC470	Engineering Graphics Laboratory	6	174	523
	Trimester 2				
	PHY470	Engineering Physics Laboratory	2	42	126
	CIN470	Introduction to Computer Programming Laboratory	2	36	109
	CHM406	Engineering Chemistry	8	168	505
	EEE460	Electrical and Electronics Engineering	8	232	697
	ETH401	Introduction to Ethics and Governance	9	163	490
	CHM470	Engineering Chemistry Laboratory	2	42	126
	EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
	Trimester 3				
	EEE464	Electronic Measurement & Component	8	232	697
	EEE465	Electrical and Mechanical Workshop	8	232	697
	EEE466	Circuit Analysis	7	203	610
	EEE467	Electrical Principles	7	203	610
	EEE468	Engineering Computing	8	232	697
	MEC557	Fundamentals of Mechanical Engineering.	6	216	648
	EEE471	Circuit Analysis Laboratory	3	87	261
	EEE472	Electrical Principles Laboratory	3	87	261
	MEC558	Fluid Mechanics and Machinery	8	288	864
	Trimester 1				
	EEE585	Engineering Management	6	216	648
	EEE542	Project I - Electrical	9	324	972
	EEE543	Digital & Analog Electronic Engineering	7	252	756
	EEE544	Renewable Energy Technologies	7	252	756
	EEE545	Electrical Machines	7	252	756
	EEE554	Computer System	6	216	648
	EEE547	Programmable Logic Controllers(PLC) & SCADA	7	252	756
EEE548	Electrical Machine Laboratory	3	108	324	
EEE558	Programmable Logic Controller (PLC) & SCADA Laboratory	3	108	324	
Trimester 2					
EEE570	Final Project II - Electrical	8	288	864	

EEE571	Electrical Power Networks & Theorems	6	216	648
EEE572	Electrical Power Generation	6	216	648
EEE573	Electrical Power Transmission & Distribution	6	216	648
EEE574	Power Controls Electronic	6	216	648
EEE575	Electrical Power Utilisation & Design	6	216	648
EEE576	Electrical Circuit Design and Application	6	216	648
EEE577	Electrical Power Generation Laboratory	3	108	324
EEE578	Power Controls Electronic Laboratory	3	108	324
Trade Diploma in Electrical Engineering(Telecommunications & Networking)				
Year 1				
Trimester 1				
COM401	Technical Communication	10	182	545
MTH405	Engineering Mathematics I	10	211	632
MEC450	Engineering Graphics	4	116	348
PHY416	Engineering Physics	8	168	505
CIN445	Introduction to Computer Programming	8	145	436
OHS445	Occupational Health and Safety	5	91	272
MEC470	Engineering Graphics Laboratory	6	174	523
PHY470	Engineering Physics Laboratory	2	42	126
Trimester 2				
CIN470	Introduction to Computer Programming Laboratory	2	36	109
CHM406	Engineering Chemistry	8	168	505
EEE460	Electrical and Electronics Engineering	8	232	697
ETH401	Introduction to Ethics and Governance	9	163	490
CHM470	Engineering Chemistry Laboratory	2	42	126
EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
Trimester 3				
EEE463	Workshop Practice for Electronic Technician	7	203	610
EEE475	Digital Electronic I	7	203	610
EEE476	Analog Electronic I	7	203	610
EEE466	Circuit Analysis	7	203	610
EEE468	Engineering Computing	8	232	697
EEE467	Electrical Principles	7	203	610
EEE471	Circuit Analysis Laboratory	3	87	261
EEE472	Electrical Principles Laboratory	3	87	261
EEE478	Analog and Digital Electronics Laboratory	3	87	261
Year 2				
Trimester 1				
EEE550	Final Project I	8	288	864
EEE551	Digital Electronic II	7	252	756
EEE552	Analog Electronic II	7	252	756
EEE553	Electronic Communication System I	7	252	756
EEE554	Computer System	6	216	648
EEE555	Computer Technology	6	216	648
EEE556	Analog and Digital Electronic Lab.	3	108	324
EEE557	Electronic Communication System Lab.	3	108	324
EEE558	Computer Technology Laboratory	3	108	324
Trimester 2				
EEE560	Final Project II	8	288	864
EEE585	Engineering Management	6	216	648
EEE559	Electronic Communication System Tech	6	216	648
EEE561	Computer and Data Communication	6	216	648
ECI501	Networking Fundamentals	6	216	648
EEE562	Engineering Software	6	216	648
EEE563	Radar and Microwave	6	216	648
EEE564	Electronic Communication System Lab.	3	108	324
EEE565	Computer and Data Laboratory	3	108	324
Trade Diploma in Automotive Engineering				
Year 1				
Trimester 1				
COM401	Technical Communication	10	182	545
MTH405	Engineering Mathematics I	10	211	632
MEC450	Engineering Graphics	4	116	348
PHY416	Engineering Physics	8	168	505
CIN445	Introduction to Computer Programming	8	145	436
OHS445	Occupational Health and Safety	5	91	272
MEC470	Engineering Graphics Laboratory	6	174	523
Trimester 2				
PHY470	Engineering Physics Laboratory	2	42	126
CIN470	Introduction to Computer Programming Laboratory	2	36	109
CHM406	Engineering Chemistry	8	168	505
EEE460	Electrical and Electronics Engineering	8	232	697
ETH401	Introduction to Ethics and Governance	9	163	490
CHM470	Engineering Chemistry Laboratory	2	42	126
EEE470	Electrical and Electronics Engineering Laboratory	2	58	174
Trimester 3				

Year 2	MEC551	Computer Applications in Engineering	6	216	648		
	MEC552	Strength of Materials	7	252	756		
	AUE501	Automotive Embedded Electrical and Electronics System	7	252	756		
	AUE502	Applied Thermodynamics	7	252	756		
	MEC558	Fluid Mechanics and Machinery	8	288	864		
	MEC559	Engineering Materials	8	288	864		
	MEC571	Engineering Materials Laboratory	2	72	216		
	MEC578	Fluid Mechanics and Machinery Laboratory	2	72	216		
	AUE570	Automotive Embedded Electrical and Electronics Workshop	3	108	324		
	Trimester 1						
	AUE503	Principles of Automobile Manufacturing	7	252	756		
	AUE504	Mechanics of Road Vehicles	7	252	756		
	AUE505	Automobile Engineering I	7	252	756		
	MEC560	Engineering Management	7	252	756		
	MEC564	Machine Element Design	7	252	756		
	MEC565	Introduction to Solid Works	7	252	756		
	AUE571	Automobile Manufacturing Laboratory	3	108	324		
	AUE572	Mechanics of Road Vehicles Laboratory	2	72	216		
	AUE573	Automotive Workshop Practice I	3	108	324		
	Trimester 2						
	AUE506	Automotive Engineering Project	8	288	864		
	AUE507	Automobile Engineering II	7	252	756		
	AUE508	Introduction to Mechatronics and Sensor Technology	7	252	756		
	AUE509	Quality Assurance and Reliability Engineering	7	252	756		
	AUE510	Instrumentation and Measurement in Automotive Engineering	7	252	756		
	ATM510	Transport and Environment	7	360	1080		
	AUE574	Introduction to Mechatronics Laboratory	2	72	216		
	AUE575	Instrumentation and Measurement Laboratory	2	72	216		
	AUE576	Automotive Workshop Practice II	3	108	324		
	Trade Diploma in Transport Technology & Management						
	Year 1	Trimester 1					
		COM401	Technical Communication	10	182	545	
MTH405		Engineering Mathematics I	10	211	632		
MEC450		Engineering Graphics	4	116	348		
PHY416		Engineering Physics	8	168	505		
CIN445		Introduction to Computer Programming	8	145	436		
OHS445		Occupational Health and Safety	5	91	272		
MEC470		Engineering Graphics Laboratory	6	174	523		
Trimester 2							
PHY470		Engineering Physics Laboratory	2	42	126		
CIN470		Introduction to Computer Programming Laboratory	2	36	109		
CHM406		Engineering Chemistry	8	168	505		
EEE460		Electrical and Electronics Engineering	8	232	697		
ETH401		Introduction to Ethics and Governance	9	163	490		
CHM470		Engineering Chemistry Laboratory	2	42	126		
EEE470		Electrical and Electronics Engineering Laboratory	2	58	174		
Trimester 3							
AUT401		Transport Geography I	8	232	697		
ACC401		Accounting Environment	14	254	762		
AUT402		Road Traffic Law	8	232	697		
AUT403	Automotive Engine Technology	7	203	610			
MTH411	Probability and Statistics	10	211	632			
AUT404	Automotive Engine Technology Laboratory	4	116	348			
Year 2	Trimester 1						
	AUT405	Vehicle Dynamics	7	203	610		
	AUT407	Transport Geography II	10	290	871		
	AUT408	Transport Policy and Environment	10	290	871		
	AUT409	Transport Economics	10	290	871		
	AUE509	Quality Assurance and Reliability Engineering	7	252	756		
	AUT406	Vehicle Dynamics Laboratory	3	87	261		
	Trimester 2						
	AUT501	Vehicle Noise and Vibration	7	252	756		
	AUT503	Traffic Collision and Investigation	7	252	756		
	AUT504	Logistic and Supply Management	7	252	756		
	AUT505	Traffic Control and Planning	7	252	756		
	AUT506	Management for Engineers	7	252	756		
	AUT507	Transport Project	12	432	1296		
	AUT502	Vehicle Noise and Vibration Laboratory	4	144	432		
	SCHOOL OF ELECTRICAL AND ELECTRONICS ENGINEERING						
	Certificate IV in Electrical Engineering						
	Penster 1						
	EEE321	ELECTRICAL WORKSHOP PRACTICE	4	110	331		
	EEE322	Basic Craft Skill 1B (Electrical Builders)	4	110	331		

EEE301	Mathematics for Trade	4	110	331
EEE324	ENGINEERING DRAWING	4	110	331
EEE325	MATERIAL SCIENCE for ELECTRICIANS	4	110	331
OHS401	Occupational Health and Safety 3	10	182	545
Penster 2				
EEE326	Basic Craft Skill 2 (Welding and Fabrication)	4	110	331
EEE327	Maths for Trade 2	4	110	331
EEE328	Engineering Drawing 2	4	110	331
EEE329	Electrical & Electronic Principles & Testing Equipment	5	138	414
COM201	Technical Communications 1	4	69	207
Penster 3				
EEE391	Electrical Principles (Trade) 2	4	110	331
EEE392	Electronics for Electricians 1	4	110	331
EEE395	Electrical Installation Technology A	4	110	331
EEE396	Electrical Installation Practical A	4	110	331
EEE394	Electrical Testing	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
EEE444	Electrical Principles (Trade) 3	5	145	436
EEE445	Electrical Installation Technology B	5	145	436
EEE446	Electrical Installation Practical B	5	145	436
EEE447	Electrical Machines	4	116	348
EEE448	Electronics for Electricians 2	4	116	348
Penster 5				
EEE449	Electrical Installation Technology C	5	145	436
EEE450	Electrical Installation Practical C	5	145	436
EEE451	Electrical Measurements and Machines	4	116	348
EEE452	Electrical Machines Practical (Winding)	5	145	436
EEE439	Programmable Logic Controller (PLC) 2	5	145	436
Certificate IV in Electronics Engineering				
Penster 1				
EEE301	Mathematics for Trade	4	110	331
EEE302	Electrical Principles 1	4	110	331
EEE303	Workshop Practice 1A	4	110	331
EEE304	Workshop Practice 1B	4	110	331
EEE305	Electrical Measurements	4	110	331
EEE306	Engineering Drawing	4	110	331
Penster 2				
EEE307	Electrical Principles 2	4	110	331
EEE308	Workshop Practice 2	4	110	331
EEE309	Electronics Fundamentals	4	110	331
EEE310	Components and Measurements	4	110	331
COM201	Technical Communications 1	4	69	207
OHS401	Occupational Health and Safety 4	10	182	545
Penster 3				
EEE411	Electrical Principles 1C	4	116	348
EEE412	Digital Electronics 1A	4	116	348
EEE413	Analog Electronics 1A	4	116	348
EEE414	Computer Applications	4	116	348
EEE415	Electronic Communication System 1	4	116	348
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
EEE416	Workshop Practice 3	4	116	348
EEE417	Digital Electronics 1B	4	116	348
EEE418	Analog Electronics 1B	4	116	348
EEE419	Computer Systems 1	4	116	348
EEE420	Electronic Communication System 2	4	116	348
Penster 5				
EEE421	Electronics Project	4	116	348
EEE424	Radio Receivers and Transmitters	4	116	348
EEE422	Television System	4	116	348
EEE426	Computer & Data Communication	4	116	348
EEEXXX	Elective	8		
STAGE 5 ELECTIVES - DEPENDING ON THE AREA OF SPECIALISATION				
Computer Technology Electives				
EEE427	Computer Technology	4	116	348
EEE428	Computer Peripherals	4	116	348
EEE429	Computer Systems 2	4	116	348
EEE430	PC Servicing	5	145	436
EEE439	Programmable Logic Controller (PLC) 2	5	145	436
Communication Electives				
EEE423	Video Recorders	5	145	436
EEE425	Audio Equipment and System	4	116	348

Certificate IV in Hospitality Engineering					
	Penster 1				
	MEN301	Workshop Technology A	8	221	662
	MEN305	Introduction to Mechanics	4	110	331
	FWG301	Fabrication Technology A	8	221	662
	FWG303	Welding Technology A	8	221	662
	CJY301	C J Trade Practical A	4	110	331
	CJY302	C J Trade Theory A	4	110	331
	Penster 2				
	FMG301	Fitting and Machining Technology B	8	221	662
	PSM301	Cold Water Theory A	4	110	331
	PSM302	Cold Water Practice	4	110	331
	PSM305	Sanitation and Drainage Theory A	4	110	331
	COM301	Technical Communications 1	7	121	362
	OHS403	Occupational Health and Safety	10	182	545
	Penster 3				
	PSM311	Hot Water Theory A	8	221	662
	EEE321	ELECTRICAL WORKSHOP PRACTICE	4	110	331
	EEE322	Basic Craft Skills 1B (Electrical Builders)	4	110	331
	EEE301	Mathematics for Trade	4	110	331
	EEE324	ENGINEERING DRAWING	4	110	331
	EEE325	MATERIAL SCIENCE for ELECTRICIANS	4	110	331
	Penster 4				
	EEE327	Maths for Trade 2	4	110	331
	EEE328	Engineering Drawing 2	4	110	331
	EEE329	Electrical & Electronic Principles & Testing Equipment	5	138	414
	EEE392	Electronics for Electricians 1	4	110	331
	EEE343	Electrical Testing	8	221	662
	ETH301	Fundamentals of Ethical Practices	5	86	259
	Penster 5				
	EEE446	Electrical Installation Practical B	5	145	436
	EEE447	Electrical Machines	4	116	348
	EEE448	Electronics for Electricians 2	4	116	348
	EEE454	Electrical Installation Technology (Theory)	8	232	697
	EEE432	Colour TV and VCR Servicing	8	232	697
	MGT402	Supervisory Studies	8	232	697
	EEE451	Electrical Measurements and Machines	4	116	348
	EEE425	Audio Equipment and System	4	116	348
	EEE455	Computer and Information	8	232	697
	EEE420	Electronic Communication System 2	4	116	348
	EEE456	Television and Record Equipment Workshop	8	232	697
	Trade Diploma in Electrical Engineering (Electrical)				
	Year 1				
	Semester 1				
	EEE401	Mathematics for Technician 1	10	290	871
	EEE402	Electrical Principles 2A	10	290	871
	EEE403	Electrical Measurements and Components	8	232	697
	EEE306	Engineering Drawing	4	110	331
	EEE405	Engineering Science	10	290	871
	COM401	Technical Communications	10	182	545
	OHS403	Occupational Health and Safety	6	182	545
	semester 2				
	EEE407	Electrical and Mechanical Workshop	10	290	871
	EEE408	Circuit Analysis 1	10	290	871
	EEE409	Engineering Computing	10	290	871
	EEE410	Mathematics for Technician 2	10	290	871
	EEE431	Electrical Principles 2B	8	232	697
	EEE433	Mechanical Principles	8	232	697
	ETH401	Ethics and Governance	9	163	490
	Year 2				
	Semester 1				
	MGT402	Supervisory Studies	8	232	697
	EEE437	Introduction to Electronics	10	290	871
	EEE438	Renewable Energy Technology	10	290	871
	EEE533	Electrical Machines	10	360	1080
	EEE505	Computer Systems	10	360	1080
	EEEXXX	Elective	10		
	EEE534	Electrical Applications	10	360	1080
	EEE519	Programmable Logic Control	10	360	1080
	Semester 2				
	EEE506	Final Project	10	360	1080
	EEE535	Electro Technology	10	360	1080
	EEE536	Electrical Power Generation	10	360	1080
	EEE537	Electrical Power Transmission and Distribution	10	360	1080

	Electives - Select Two (2) elective depending on the area of specialisation.				
	EEE517	Micro Controller Applications	10	360 1080	
	EEE519	Control Systems Engineering	10	360 1080	
	EEE534	Electrical Applications	10	360 1080	
	EEE538	Electrical Power Utilization	10	360 1080	
	EEE520	Programmable Logic Control	10	360 1080	
	EEE509	Power Control Electronics	10	360 1080	
	EEE539	Electrical Power Services	10	360 1080	
	EEE510	Electronic Instrumentation	10	360 1080	
	Trade Diploma in Electrical Engineering (Electronic & Instrumentation)				
Year 1	Semester 1				
	EEE401	Mathematics for Technician 1	10	290 871	
	EEE402	Electrical Principles 2A	10	290 871	
	EEE403	Electrical Measurements and Components	8	232 697	
	EEE306	Engineering Drawing	4	110 331	
	EEE405	Engineering Science	10	290 871	
	COM401	Technical Communications	10	182 545	
	OHS403	Occupational Health and Safety	6	182 545	
	semester 2				
	EEE406	Workshop Practice	8	232 697	
	EEE408	Circuit Analysis 1	10	290 871	
	EEE434	Digital Electronics 2A	10	290 871	
	EEE435	Analog Electronics 2A	10	290 871	
	EEE409	Engineering Computing	10	290 871	
	EEE410	Mathematics for Technician 2	10	290 871	
	ETH401	Ethics and Governance	9	163 490	
	Year 2	Semester 1			
EEE540		Power Systems and Machines	10	360 1080	
EEE502		Digital Electronics 2B	10	360 1080	
EEE503		Analog Electronics 2B	10	360 1080	
EEE504		Electronic Communication Systems	10	360 1080	
EEE505		Computer Systems	10	360 1080	
EEE507		Computer Technology	10	360 1080	
semester 2					
MGT402		Supervisory Studies	8	232 697	
EEE508		Final Project	10	360 1080	
EEE509		Power Control Electronics	10	360 1080	
EEE510		Electronic Instrumentation.	10	360 1080	
EEEXXX		Electives	10		
EEEXXX		Electives	10		
Choose 2 electives from					
EEE511		Electronic Communications Technology	10	360 1080	
EEE521		Communications Measurements	10	360 1080	
EEE523		Computer and Data Communications	10	360 1080	
EEE524		Television System	10	360 1080	
EEE525		Engineering Software	10	360 1080	
EEE526		PC Maintenance and Repair	10	360 1080	
EEE528		Microcontroller Applications	10	360 1080	
EEE529		Control Systems Engineering	10	360 1080	
EEE520		Programmable Logic Controller	10	360 1080	
		Trade Diploma in Electrical Engineering (Telecommunication and Networking)			
Year 1		Semester 1			
		EEE401	Mathematics for Technician 1	10	290 871
	EEE402	Electrical Principles 2A	10	290 871	
	EEE403	Electrical Measurements and Components	8	232 697	
	EEE306	Engineering Drawing	4	110 331	
	EEE405	Engineering Science	10	290 871	
	COM401	Technical Communications	10	182 545	
	OHS403	Occupational Health and Safety	10	182 545	
	semester 2				
	EEE406	Workshop Practice	8	232 697	
	EEE408	Circuit Analysis 1	10	290 871	
	EEE434	Digital Electronics 1	10	290 871	
	EEE435	Analog Electronics 1	10	290 871	
	EEE409	Engineering Computing	10	290 871	
	EEE410	Mathematics for Technician 2	10	290 871	
	ETH401	Ethics and Governance	9	163 490	
	Year 2	Semester 1			
EEE540		Power Systems and Machines	10	360 1080	
EEE502		Digital Electronics 2	10	360 1080	
EEE503		Analog Electronics 2	10	360 1080	
EEE504		Electronic Communication Systems	10	360 1080	
EEE505	Computer Systems	10	360 1080		

	EEE507	Computer Technology	10	360	1080
	Semester 2				
	MGT402	Supervisory Studies	8	232	697
	EEE508	Final Project	10	360	1080
	EEE511	Electronic Communications Technology	10	360	1080
	EEE523	Computer and Data Communications	10	360	1080
	ECI501	Certified Cisco Networking Associate 1	10	216	648
	EEEXXX	Elective	10		
	EEEXXX	Elective	10		
	Semester 4 ELECTIVES - SELECT TWO UNITS FROM THE FOLLOWING				
	ELECTIVES, DEPENDING ON THE AREA OF SPECIALISATION				
	EEE521	Communications Measurements	10	360	1080
	EEE524	Television System	10	360	1080
	EEE525	Engineering Software	10	360	1080
	EEE531	PC Maintenance and Repair	10	360	1080
	EEE528	Micro-controller Application	10	360	1080
	EEE529	Control Systems Engineering	10	360	1080
	EEE520	Programmable Logic Controller	10	360	1080
	EEE509	Power Control Electronics	10	360	1080
	EEE510	Electronic Instrumentation	10	360	1080
	EEE532	Radar and Microwave	10	360	1080
	Trade Diploma in Electrical Engineering (Computing and Control)				
Year 1	Semester 1				
	EEE401	Mathematics for Technician 1	10	290	871
	EEE402	Electrical Principles 2A	10	290	871
	EEE403	Electrical Measurements and Components	8	232	697
	EEE306	Engineering Drawing	4	110	331
	EEE405	Engineering Science	10	290	871
	COM401	Technical Communication	10	182	545
	OHS403	Occupational Health and Safety	10	182	545
	semester 2				
	EEE406	Workshop Practice	8	232	697
	EEE408	Circuit Analysis 1	10	290	871
	EEE434	Digital Electronics 2A	10	290	871
	EEE434	Analog Electronics 2A	10	290	871
	EEE409	Engineering Computing	10	290	871
EEE410	Mathematics for Technician 2	10	290	871	
ETH401	Ethics and Governance	9	163	490	
Year 1	Semester 1				
	EEE540	Power Systems and Machines	10	360	1080
	EEE502	Digital Electronics 2B	10	360	1080
	EEE503	Analogue Electronics 2B	10	360	1080
	EEE504	Electronic Communication Systems	10	360	1080
	EEE505	Computer Systems	10	360	1080
	EEE507	Computer Technology	10	360	1080
	semester 2				
	MGT402	Supervisory Skills	10	232	697
	EEE508	Final Project	10	360	1080
	EEE529	Control Systems Engineering	10	360	1080
	EEE528	Micro-Controller Applications	10	360	1080
	EEE509	Power Control Electronics	10	360	1080
	EEEXXX	Elective	10		
	EEEXXX	Elective	10		
	Semester 4 ELECTIVES - SELECT ANY TWO FROM THE FOLLOWING ELECTIVES DEPENDING ON THE AREA OF SPECIALISATION				
	EEE511	Electronic Communications Technology	10	360	1080
	EEE521	Communication Measurements	10	360	1080
	EEE524	Television System	10	360	1080
	EEE525	Engineering Software	10	360	1080
	EEE531	PC Maintenance and Repair	10	360	1080
	EEE520	Programmable Logical Controller	10	360	1080
	EEE509	Power Control Electronics	10	360	1080
EEE510	Electronics Instrumentation	10	360	1080	
EEE523	Computer and Data Communications	10	360	1080	
	Advanced Diploma in Engineering (Electrical and Electronics)				
Year 1	Semester 1				
	EEE601	Engineering Planning	12	480	1440
	EEE602	Electrical Technology (Power Engineering and Control)	10	400	1200
	EEE604	Electronic Technology (Electronics)	10	400	1200
	EEE605	Engineering Mathematics	10	400	1200
	EEE606	Circuits and Signal	10	400	1200
	ETH501	Ethics, Values and Governance 5	11	248	743
	Semester 2				

EEE607	Electronic Technology (Telecommunication)	10	400	1200
EEE608	Engineering Computations II	10	400	1200
EEE609	Engineering Technology Studies	10	400	1200
EEE610	Electrical Engineering Modelling	10	400	1200
EEE611	Engineering Project	10	400	1200
EEE612	Electronic Technology (Microcontroller)	10	400	1200
*ELECTRONICS/TELECOMMUNICATION/COMPUTER/CONTROL/ INSTRUMENTATION				
EEE511	Electronics Communication Technology	10	360	1080
EEE521	Communication Measurement	10	360	1080
EEE523	Computer and Data Communication	10	360	1080
EEE524	Television System	10	360	1080
EEE525	Engineering Software	10	360	1080
EEE531	PC Maintenance and Repair	10	360	1080
EEE529	Control Systems Engineering	10	360	1080
EEE520	Programmable Logic Controller	10	360	1080
EEE510	Electronic Instrumentation	10	360	1080
*ELECTRICAL				
EEE505	Computer Systems	10	360	1080
EEE529	Control Systems Engineering	10	360	1080
EEE536	Electrical Power Generation	10	360	1080
EEE537	Electrical Power Transmission and Distribution	10	360	1080
EEE534	Electrical Applications	10	360	1080
EEE538	Electrical Power Utilization	10	360	1080
EEE520	Programmable Logic Controller	10	360	1080
EEE509	Power Control Electronics	10	360	1080
EEE539	Electrical Power Services	10	360	1080
EEE510	Electronic Instrumentation	10	360	1080
Bachelor of Engineering (Electrical and Renewable)				
Year 1				
Semester 1				
COM501	Communications for Engineers	12	270	810
BEN502	Engineering Computation 1	12	432	1296
BEN503	Engineering Physics	12	432	1296
BEN504	Engineering Graphics	12	432	1296
BEN505	Material Science	12	432	1296
Semester 2				
BEN506	Introduction to Electrical & Electronics	12	432	1296
BEN507	Introduction to Programming	12	432	1296
BEN508	Engineering Mechanics	12	432	1296
BEN509	Workshop Practice	12	432	1296
BEN601	Engineering Computation 2	12	480	1440
Year 2				
Semester 1				
EEE601	Engineering Planning	12	480	1440
EEE627	Logic Design 1	12	480	1440
EEE662	Engineering Software	12	480	1440
EEE694	Engineering Mathematics 3	12	480	1440
EEE681	Electro Technology	12	480	1440
Semester 2				
EEE600	Design Project	12	480	1440
EEE603	Electrical Engineering Modeling	12	480	1440
EEE661	Introduction to C++ Programming	12	480	1440
EEE695	Engineering Mathematics 4	12	480	1440
EEE618	Mechatronics	12	480	1440
Year 3				
Semester 1				
EEE701	Fields & Waves	12	528	1584
EEE743	Control Systems	12	528	1584
EEE761	PLC & SCADA Systems	12	528	1584
EEE782	Electrical Machines	12	528	1584
EEE784	Power Generation	12	528	1584
Semester 2				
EEE706	Engineering & Society	9	396	1188
EEE707	Project (or Internship in the industry)	42	1848	5544
EEE766	Microcontroller-Based System Design	9	396	1188
Year 4				
Semester 1				
EEE785	Project - Industry	24	1056	3168
EEE787	Fundamentals of Digital Signal Processing	12	528	1584
EEE788	Power Transmission & Distribution	12	528	1584
EEE789	Power Utilisation & Services	24	1056	3168
Semester 2				
EEE786	Project - Industry	24	1056	3168
EEE790	Innovation Management & New Product Development	18	792	2376
EEE791	Renewable Energies & New Technologies	18	792	2376

Bachelor of Engineering (Telecommunication & Networking)						
Year 1	Semester 1					
	COM501	Communications for Engineers	12	270	810	
	BEN502	Engineering Computation 1	12	432	1296	
	BEN503	Engineering Physics	12	432	1296	
	BEN504	Engineering Graphics	12	432	1296	
	BEN505	Material Science	12	432	1296	
	Semester 2					
	BEN506	Introduction to Electrical & Electronics	12	432	1296	
	BEN507	Introduction to Programming	12	432	1296	
	BEN508	Engineering Mechanics	12	432	1296	
	BEN509	Workshop Practice	12	432	1296	
BEN601	Engineering Computation 2	12	480	1440		
Year 2	Semester 1					
	EEE601	Engineering Planning	12	480	1440	
	EEE627	Logic Design 1	12	480	1440	
	EEE662	Engineering Software	12	480	1440	
	EEE694	Engineering Mathematics 3	12	480	1440	
	EEE681	Electro Technology	12	480	1440	
	Semester 2					
	EEE600	Design Project	12	480	1440	
	EEE603	Electrical Engineering Modeling	12	480	1440	
	EEE661	Introduction to C++ Programming	12	480	1440	
	EEE695	Engineering Mathematics 4	12	480	1440	
EEE618	Mechatronics	12	480	1440		
Year 3	Semester 1					
	EEE701	Fields & Waves	12	528	1584	
	EEE743	Control Systems	12	528	1584	
	EEE747	Radio Frequency (RF) Principles	12	528	1584	
	EEE748	Telecommunications Systems	12	528	1584	
	EEE750	Digital Communication	12	528	1584	
	Semester 2					
	EEE707	Project (or Internship in the industry)	42	1848	5544	
	EEE745	Introduction To Computer Networking	9	396	1188	
	EEE706	Engineering & Society	9	396	1188	
	Year 4	Semester 1				
EEE785		Project - Industry	24	1056	3168	
EEE792		Antennas and Propagation	12	528	1584	
EEE787		Fundamentals of Digital Signal Processing	12	528	1584	
EEE793		Telecommunication Theory	12	528	1584	
Semester 2						
EEE786		Project - Industry	24	1056	3168	
EEE790		Innovation Management & New Product Development	18	792	2376	
EEE794		Mobile & Personal Communication Systems	18	792	2376	
Bachelor of Engineering (Computer & Control)						
Year 1		Semester 1				
	COM501	Communications for Engineers	12	270	810	
	BEN502	Engineering Computation 1	12	432	1296	
	BEN503	Engineering Physics	12	432	1296	
	BEN504	Engineering Graphics	12	432	1296	
	BEN505	Material Science	12	432	1296	
	Semester 2					
	BEN506	Introduction to Electrical & Electronics	12	432	1296	
	BEN507	Introduction to Programming	12	432	1296	
	BEN508	Engineering Mechanics	12	432	1296	
	BEN509	Workshop Practice	12	432	1296	
BEN601	Engineering Computation 2	12	480	1440		
Year 2	Semester 1					
	EEE601	Engineering Planning	12	480	1440	
	EEE627	Logic Design 1	12	480	1440	
	EEE662	Engineering Software	12	480	1440	
	EEE694	Engineering Mathematics 3	12	480	1440	
	EEE681	Electro Technology	12	480	1440	
	Semester 2					
	EEE600	Design Project	12	480	1440	
	EEE603	Electrical Engineering Modeling	12	480	1440	
	EEE661	Introduction to C++ Programming	12	480	1440	
	EEE695	Engineering Mathematics 4	12	480	1440	
EEE618	Mechatronics	12	480	1440		
Year 3	Semester 1					
	EEE701	Fields & Waves	12	528	1584	
	EEE743	Control Systems	12	528	1584	
	EEE767	Computer Architecture	12	528	1584	

Year 4	EEE768	System Programming & System Control	12	528	1584
	EEE769	Advanced Programming Language	12	528	1584
	Semester 2				
	EEE707	Project (or Internship in the industry)	42	1848	5544
	EEE745	Introduction To Computer Networking	9	396	1188
	EEE706	Engineering & Society	9	396	1188
	Semester 1				
	EEE785	Project - Industry	24	1056	3168
	EEE787	Fundamentals of Digital Signal Processing	12	528	1584
	EEE795	Artificial Intelligence & Robotics	12	528	1584
	EEE796	VHDL and Logic Synthesis	12	528	1584
	Semester 2				
	EEE786	Project - Industry	24	1056	3168
	EEE790	Innovation Management & New Product Development	18	792	2376
EEE797	Microprocessor Systems & Embedded Systems	18	792	2376	
Bachelor of Engineering (Electronics & Instrumentation)					
Year 1	Semester 1				
	COM501	Communications for Engineers	12	270	810
	BEN502	Engineering Computation 1	12	432	1296
	BEN503	Engineering Physics	12	432	1296
	BEN504	Engineering Graphics	12	432	1296
Year 2	BEN505	Material Science	12	432	1296
	Semester 2				
	BEN506	Introduction to Electrical & Electronics	12	432	1296
	BEN507	Introduction to Programming	12	432	1296
	BEN508	Engineering Mechanics	12	432	1296
	BEN509	Workshop Practice	12	432	1296
	BEN601	Engineering Computation 2	12	480	1440
	Semester 1				
	EEE601	Engineering Planning	12	480	1440
	EEE627	Logic Design 1	12	480	1440
	EEE662	Engineering Software	12	480	1440
	EEE694	Engineering Mathematics 3	12	480	1440
	EEE681	Electro Technology	12	480	1440
	Semester 2				
Year 3	EEE600	Design Project	12	480	1440
	EEE603	Electrical Engineering Modeling	12	480	1440
	EEE661	Introduction to C++ Programming	12	480	1440
	EEE695	Engineering Mathematics 4	12	480	1440
	EEE618	Mechatronics	12	480	1440
	Semester 1				
	EEE701	Fields & Waves	12	528	1584
Year 4	EEE713	Principles of Measurement & Instrumentation	12	528	1584
	EEE723	Industrial Electronics	12	528	1584
	EEE743	Control Systems	12	528	1584
	EEE761	PLC & SCADA Systems	12	528	1584
	Semester 2				
	EEE707	Project (or Internship in the industry)	42	1848	5544
	EEE714	Industrial Instrumentation	9	396	1188
	EEE706	Engineering & Society	9	396	1188
	Semester 1				
	EEE785	Project - Industry	24	1056	3168
	EEE798	Industrial Measurement & Instrumentation 2	12	528	1584
	EEE787	Fundamentals of DigitalSignal Processing	12	528	1584
	EEE796	VHDL and Logic Synthesis	12	528	1584
	Semester 2				
EEE786	Project - Industry	24	1056	3168	
EEE790	Innovation Management & New Product Development	18	792	2376	
EEE797	Microprocessor Systems & Embedded Systems	18	792	2376	
Certificate IV in Plant Maintenance					
Penster 1	PLM301	Basic Machining Processes	4	110	331
	MEN305	Workshop Science	4	110	331
	CIN301	Computer Use and Applications	4	69	207
	COM201	Communication Skills and Studies	4	69	207
	PLM304	Basic Machining Practice	4	110	331
	OHS401	Occupational Health and Safety I	10	182	545
	Penster 2				
	PLM303	Bearing and Lubrication	4	110	331
	MEN304	Workshop Calculation	4	110	331
	MEN303	Trade Drawing A	4	110	331
	MEN302	Welding Process	4	110	331
	PLM302	Plant's Installation Practice	4	110	331

ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 3				
PLM406	Heat Engines	5	145	436
PLM411	Heat Engine Practice	5	145	436
MEN306	Applied Materials A	4	110	331
MEN418	Computer Aided Design (CAD)	4	145	436
MEN308	Electrical Principle	5	138	414
Penster 4				
PLM409	Hydraulics and Pneumatics	5	145	436
PLM408	Power Transmission	5	145	436
PLM407	Lifting and Mech. Handling	5	145	436
ACR228	Building Services	5	138	414
PLM401	PM Practice A	5	145	436
Penster 5				
PLM404	Maintenance Technology	5	145	436
PLM403	Plant Technology	5	145	436
PLM410	Industrial Automation	5	145	436
PLM405	Steam Plant A	5	145	436
PLM402	PM Practice B	5	145	436
Certificate IV in Fabrication and Welding				
Penster 1				
FWG315	Fabrication Drawing A	4	110	331
FWG311	Fabrication Technology A	4	110	331
FWG313	Welding Technology A	4	110	331
FWG312	Fabrication Practice A	4	110	331
FWG314	Welding Practice A	4	110	331
OHS401	Occupational Health and Safety I	10	182	545
Penster 2				
COM201	Communication Skills and Studies	4	69	207
FWG321	Fabrication Technology B	5	138	414
FWG322	Fabrication Practice B	4	110	331
CIN301	Computer Use and Applications	4	69	207
FWG323	Trade Calculations	5	138	414
Penster 3				
MEN306	Applied Materials A	4	110	331
FWG431	Welding Technology B	4	116	348
FWG433	Fabrication Drawing B	4	116	348
FWG432	Welding Practice B	4	116	348
MEN308	Electrical Principle	5	138	414
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4				
FWG441	Fabrication Technology C	4	116	348
FWG442	Fabrication Practice C	4	116	348
FWG443	Welding Technology C	5	145	436
FWG444	Welding Practice C	4	116	348
FWG445	Trade Science	5	145	436
Penster 5				
FWG453	Fabrication Drawing C	4	116	348
FWG451	Fabrication Technology D	5	145	436
FWG452	Welding Technology D	4	116	348
MEN418	CAD	5	145	436
FWG454	F/W Project	5	145	436
Certificate IV in Refrigeration and Airconditioning				
Penster 1				
ACR301	Refrigeration Fundamentals	4	110	331
ACR302	Refrigeration Procedures	4	110	331
ACR311	Test Equipment	4	110	331
ACR312	Electrical Fundamentals	4	110	331
ACR304	Refrigerants	4	110	331
OHS401	Occupational Health and Safety I	10	182	545
Penster 2				
ACR305	Refrigeration Components	4	110	331
ACR306	Refrigeration Operations	4	110	331
ACR313	Refrigerants Airconditioning DC Principles	4	110	331
ACR314	Refrigerants Airconditioning AC Principles	4	110	331
ACR307	Refrigerant Flow Controls	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 3				
COM201	Communication Skills and Studies	4	69	207
ACR408	Refrigeration Systems Control	4	116	348
ACR410	Domestic Refrigerators and Freezers	4	116	348
ACR416	Appliance Motor Circuits	5	145	436
ACR400	Electrical Drawing	5	145	436

CIN301	Computer Use and Applications	4	69	207
Penster 4				
ACR402	Cool-room and Freezers	5	145	436
ACR403	Merchandising and Display Cabinets	5	145	436
ACR413	Installation	5	145	436
ACR412	Cooling Tower Operations	5	145	436
ACR411	Introduction to Air conditioning	5	145	436
Penster 5				
ACR406	Ventilation	5	145	436
ACR420	Air Conditioning Systems	5	145	436
ACR407	Air Conditioning Controls	5	145	436
ACR405	Fault Finding and Diagnostics	5	145	436
Certificate IV in Fitting and Machining				
Penster 1				
FMG311	FM Process A	4	110	331
MEN306	Applied Material	4	110	331
MEN303	Trade Drawing A	4	110	331
CIN301	Computer Use and Applications	4	69	207
FMG312	FM Practice A	5	138	414
OHS401	Occupational Health and Safety I	10	182	545
Penster 2				
FMG313	FM Process B	5	138	414
MEN304	Workshop Calculation	4	110	331
ETH301	Fundamentals of Ethical Practices	5	86	259
MEN302	Welding Process	4	110	331
FMG314	FM Practice B	5	138	414
Penster 3				
FMG315	FM Process C	4	110	331
FMG403	Trade Drawing B	4	116	348
FMG404	Measurement and Inspection	4	116	348
MEN308	Electrical Principle	5	138	414
FMG316	FM Practice C	5	138	414
COM201	Communication Skills and Studies	4	69	207
Penster 4				
FMG414	FM Process D	5	145	436
MEN305	Workshop Science	4	110	331
FMG407	Internal Combustion Engine (IC Eng)	4	116	348
FMG408	Maintenance and Diagnostics	5	145	436
FMG415	FM Practice D	5	145	436
Penster 5				
FMG418	FM Process E	5	145	436
FMG406	Engineering Material Process	5	145	436
FMG405	Advance Measurement	4	116	348
MEN418	Computer Aided Design (CAD)	5	145	436
FMG417	FM Practice E	5	145	436
Certificate IV in Agricultural Engineering				
Penster 1				
MEN303	Trade Drawing A	4	110	331
MEN302	Workshop Technology A	4	110	331
AGE300	Integrated Farming Systems	6	166	497
COM201	Communication Skills and Studies	4	69	207
OHS401	Occupational Health and Safety I	10	182	545
Penster 2				
AGE301	Farm Management and Entrepreneurship	6	166	497
MEN305	Workshop Science	4	110	331
MEN306	Applied Materials	4	110	331
FWG313	Welding Technology A	4	110	331
MEN403	Trade Drawing B	4	116	348
Penster 3			0	0
AGE400	Farm Resources Management Engineering	6	174	523
MEN304	Workshop Calculation	4	110	331
AGE403	Farm Shop Practice 1	3	87	261
AGE404	Eng. Project and Entre. Practice 1	6	174	523
ETH301	Fundamentals of Ethical Practices	5	86	259
Penster 4			0	0
AGE305	Farm Machinery Development	5	138	414
AGE413	Farm Shop Practice 2	6	174	523
AGE405	Farm Surveying and Mapping	5	145	436
MEN309	Building Services	6	166	497
AGE412	Eng Project and Entre. Practice 2	4	116	348
Penster 5			0	0
AGE401	Farm Meteorology and Phonology	4	116	348
AGE408	Farm Environment and Waste Management	6	174	523

	AGE409	Farm electricity and Processing	6	174	523
	AGE410	Farm Structures and Construction	4	116	348
	AGE411	Engineering Project and Entre. Practice 3	5	145	436
Trade Diploma in Mechanical Engineering					
Year 1	Trimester 1				
	COM401	Technical Communications	10	182	545
	PEN401	Mechanical Science A	10	290	871
	PEN402	Engineering Drawing	10	290	871
	PEN403	Thermodynamics A	10	290	871
	MTH405	Engineering Mathematics 1	10	211	632
	PEN407	Production Technology A (DME)	10	290	871
	Trimester 2				
	CIN410	Micro Computer Applications	16	290	871
	PEN405	Material Science	10	290	871
	PEN501	Mechanical Science B	10	360	1080
	PEN507	Production Technology B (DME)	10	360	1080
	MTH504	Engineering Mathematics II	10	261	783
	PEN406	Workshop Practice	10	290	871
	Trimester 3				
	PEN502	Computer Aided Design	14	504	1512
	PEN504	Plant Engineering	10	360	1080
	PEN410	Fluid Mechanics A	10	290	871
	PEN503	Thermodynamics B	10	360	1080
	PEN511	Electrical Electronics for Mechanical Engineering	10	360	1080
	PEN510	Machine Design	10	360	1080
	Trimester 4				
	PEN409	Power Plant	5	145	436
	PEN500	Engineering Project	10	360	1080
	PEN506	Fluid Mechanics B	10	360	1080
	PEN508	Instrumentation and Control	10	360	1080
	PEN509	Manufacturing Technology (DME)	10	360	1080
	ETH401	Introduction to Ethics and Governance	9	163	490
	Trimester 5				
	MGT402	Supervisory Studies	10	232	697
	PEN516	Accounting for Engineers	10	360	1080
	PEN512	Refrigeration and Air-conditioning Engineering	10	360	1080
	PEN513	Engineering Economics	10	360	1080
PEN514	Logic Controls	10	360	1080	
PEN515	Quality Assurance	10	360	1080	
Trade Diploma in Plant Maintenance Engineering					
Year 1	Trimester 1				
	COM401	Technical Communications	10	182	545
	PEN401	Mechanical Science A	10	290	871
	PEN402	Engineering Drawing	10	290	871
	PEN403	Thermodynamics A	10	290	871
	MTH405	Engineering Mathematics 1	10	211	632
	PEN404	Plant Technology (DPE)	10	290	871
	Trimester 2				
	CIN410	Micro Computers Application	16	290	871
	PEN405	Material Science	10	290	871
	PEN501	Mechanical Science B	10	360	1080
	MTH504	Engineering Mathematics 2	10	261	783
	PEN406	Workshop Practice	10	290	871
	PEN408	Plant Technology B (DPE)	10	290	871
	Trimester 3				
	PEN502	Computer Aided Design	14	504	1512
	PEN504	Plant Engineering	10	360	1080
	PEN410	Fluid Mechanics A	10	290	871
	PEN503	Thermodynamics B	10	360	1080
	PEN511	Electrical Electronics for Mechanical Engineering	10	360	1080
	PEN510	Machine Design	10	360	1080
	Trimester 4				
	PEN409	Power Plant	5	145	436
	PEN500	Engineering Project	10	360	1080
	PEN506	Fluid Mechanics B	10	360	1080
	PEN508	Instrumentation and Control	10	360	1080
	ETH401	Ethics and Governance	9	163	490
	PEN505	Plant Management (DPE)	10	360	1080
	Trimester 5				
	MGT402	Supervisory Studies	5	232	697
	PEN516	Accounting for Engineers	10	360	1080
	PEN512	Refrigeration and Air-conditioning Engineering	10	360	1080
	PEN513	Engineering Economics	10	360	1080

	PEN514	Logic Controls	10	360	1080	
	PEN515	Quality Assurance	10	360	1080	
Trade Diploma in Agricultural Engineering						
Year 1	Trimester 1					
	MTH405	Engineering Mathematics I	10	211	632	
	AGE402	Engineering Science1	10	290	871	
	AGE415	Engineering Drawing and Surveying	10	290	871	
	AGE417	Agricultural Science1	10	290	871	
	AGE418	Agri Engineering Economics & Entrepreneurship	10	290	871	
	AGE416	Integrated. Rural Dev. And Extension	10	290	871	
	Trimester 2					
	MTH504	Engineering Mathematics II	10	261	783	
	AGE502	Engineering Science 2	12	432	1296	
	COM402	Technical & Development Communication	7	127	381	
	AGE407	Engineering Design and Manufacturing	10	290	871	
	AGE414	Eng. Stats. and Research Methods	10	290	871	
	AGE419	Agricultural Science2	10	290	871	
	Trimester 3					
	AGE501	Agri. Resources Engineering and Management	10	360	1080	
	AGE420	Agri. Power and Mech. Systems	10	290	871	
	AGE503	Agri. Industry Process Engineering	10	360	1080	
	AGE406	Eng. Mech. and Hydraulics	10	290	871	
	AGE504	Agri. Infrastructure Development and Management	10	360	1080	
	AGE506	Engineering Project	10	360	1080	
	Trimester 4					
	AGE421	Agri.Meteorology and Hydrology	10	290	871	
	AGE422	Agri. Ecosystems Engineering and Management	10	290	871	
	AGE509	Engineering Thesis Field Practics	10	360	1080	
	ETH401	Ethics and Governance	9	163	490	
	OHS401	Occupational Health and Safety	10	182	545	
		Electives- 1 elective				
	Trimester 5					
	AGE511	Agri. Ecological Eng Tourism	10	360	1080	
AGE512	Renewable Energy Development and Management	10	360	1080		
AGE513	Bio-Organic Eng Agriculture	10	360	1080		
AGE514	Agri-Environmental Management Engineering	10	360	1080		
AGE510	Peri Urban Engineering Agriculture	10	360	1080		
Bachelor of Engineering (Mechanical)						
Year 1	Semester 1					
	BEN503	Engineering Physics	12	432	1296	
	COM501	Communications for Engineers	12	270	810	
	BEN505	Material Science	12	432	1296	
	BEN504	Engineering Graphics	12	432	1296	
	BEN502	Engineering Computation 1	12	432	1296	
	Semester 2					
	BEN506	Introduction to Electrical and Electronics	12	432	1296	
	BEN601	Engineering Computation 2	12	480	1440	
	BEN507	Introduction to Programming	12	432	1296	
	BEN508	Engineering Mechanics	12	432	1296	
	BEN509	Workshop Practice	12	432	1296	
Year 2	Semester 1					
	MEC602	Project (Mechanical)	15	600	1800	
	MEC603	Engineering Planning 2	15	600	1800	
	MEC604	Engineering Management	20	600	1800	
	MEC701	Computer Aided Design and Analysis	15	660	1980	
	Semester 2					
	MEC702	Engineering Computation 3	15	660	1980	
	MEC605	Manufacturing Technology	15	600	1800	
	MEC606	Solid Mechanics	15	600	1800	
	MEC607	Dynamics	15	600	1800	
	Year 3	Semester 1				
		MEC703	Design Project 2 (Mechanical)	15	660	1980
MEC801		Quantitative Techniques	21	1176	3528	
MEC704		Mechanics and Dynamics of Machinery	15	660	1980	
MEC802		Advanced Industrial Computing	20	1120	3360	
Semester 2						
MEC705		Renewable Energy	15	660	1980	
MEC706		Mechatronics	15	660	1980	
MEC707	Thermodynamics	15	660	1980		
MEC708	Fluid Mechanics and Heat Transfer	15	660	1980		
Year 4	Semester 1					
	MEC803	Engineering Studies	20	1120	3360	
	MEC804	Industrial Project (Mechanical) A	39	2184	6552	

		Electives (Choose 1 unit)			
	MEC808	Advanced Manufacturing Technology	21	1176	3528
	MEC809	Automation Systems	21	1176	3528
	Semester 2				
	MEC805	Mechanical Design and Analysis	20	1120	3360
	MEC806	Advanced Operations Management	20	1120	3360
	MEC807	Industrial Project (Mechanical) B	39	2184	6552
SCHOOL OF AVIONICS STUDIES					
Certificate IV in Aircraft Maintenance Engineering (Avionics)					
Year 1	Semester 1				
	COM301	Communication Skills and Studies	7	4315	6016
	OHS404	OHS Fundamentals & Law I	10		
	AMA311	Introduction to Aviation and OHS	4		
	AMA312	Aircraft Maintenance Practices (General)	4		
	AMA313	Aircraft Materials and Processes	4		
	AMA314	Electrical Fundamentals DC Theory 1	4		
	Semester 2				
	AMA321	Aircraft Servicing and Handling	4		
	AMA322	Maintenance Practices - Avionics 1	4	4315	6016
	AMA323	Maintenance Practices - Avionics 2	4		
	AMA324	Electrical Fundamentals DC Theory 2	4		
	AMA325	Electrical Fundamentals DC Theory 3	4		
	AMA326	AC Theory and Power Systems 1	4		
Year 2	Semester 1				
	AMA331	AC Theory and Power Systems 2	4		
	AMA332	AC Theory and Power Systems 3	4		
	AMA333	Aircraft Electrical Systems 1	4		
	AMA334	Aircraft Instrument Systems 1	4	4315	6016
	AMA335	Aircraft Instrument Systems 2	4		
	AMA336	Analogue Fundamentals 1	4		
	Semester 2				
	AMA441	Analogue Fundamentals 2	4		
	AMA442	Aircraft Electrical Systems 2	4		
	AMA443	Aircraft Electrical Systems 3	4		
	AMA444	Aircraft Instrument Systems 3	4		
	AMA445	Analogue Fundamentals 3	4	4315	6016
	AMA446	Digital Techniques 1	4		
Year 3	Semester 1				
	AMA451	Digital Techniques 2	4		
	AMA452	Radio Principles 1	4		
	AMA453	Radio Principles 2	4		
	AMA454	Radio Principles 3	4		
	AMA455	Aircraft Environmental Systems	4		
	AMA456	Digital Techniques 3	4		
	Semester 2			4315	6016
	AMA461	Pulse Systems	4		
	AMA462	Radio Navigation Systems	4		
	AMA463	Flight Controls and Flight Director Systems	4		
	AMA464	Automatic Flight Control Systems	4		
	AMA465	Inertial Nav and Inertial Reference Systems	4		
	AMA466	Aircraft Oxygen Systems	4		
Certificate IV in Aircraft Maintenance Engineering (Mechanical)					
Year 1	Semester 1			4315	6016
	AMM312	Basic Electricity A	3		
	AMM313	Basic Electricity B	3		
	AMM314	Trade Technology and Practices	4		
	AMM315	Aircraft Basic Science	4		
	AMM316	Fabrication and Metallurgy	4		
	AMM311	Occupational Health and Safety (Aero)	4		
	COM301	Communication Skills and Studies	7		
	OHS404	OHS Fundamentals & Law I	10		
	Semester 2				
	AMM321	Aircraft Electrical Systems	4	4584	5884
	AMM322	Aircraft Metalwork A	4		
	AMM323	Aircraft Metalwork B	4		
	AMM324	Aircraft Metalwork C	4		
AMM325	Aircraft Maintenance Practices A	4			
AMM326	Introduction To Aircraft Maintenance	4			
AMM327	Composites	4			
AMM328	Theory of Flight	4			
Year 2	Semester 1				
	AMM431	Piston Engine Theory and Construction	4		
	AMM432	Piston Engine Systems	4		

	AMM433	Piston Engine Maintenance	2	4584	5884	
	AMM434	Aircraft Propellers	4			
	AMM435	Aircraft Instrument Systems	4			
	AMM436	Aircraft Engine Instrument System	4			
	AMM437	Gas Turbine Principles and Construction	4			
	AMM438	Gas Turbine Systems	4			
	AMM439	Gas Turbine Maintenance	2			
	Semester 2					
	AMM441	Aircraft Structures and Systems	4			
	AMM442	Fluid Power Systems	4			
	AMM443	Aircraft Flight Controls	4			
	AMM444	Auxiliary Systems	4	4584	5884	
	AMM445	Aircraft Maintenance Practices B	4			
	AMM446	Helicopters	4			
	AMM447	Aircraft Environmental Systems	4			
	AMM448	Mobile Air-conditioning Systems	2			
	ACR104	Refrigerant	2			
	additional charges	Text book				
		Tool Kit				
Certificate IV in Aircraft Maintenance Engineering (Avionics)						
Year 1	Trimester 1					
	COM301	Communication Skills and Studies	7			
	OHS404	OHS Fundamentals & Law I	10			
	AMA311	Introduction to Aviation and OHS	4	4584	5884	
	AMA312	Aircraft Maintenance Practices (General)	4			
	AMA313	Aircraft Materials and Processes	4			
	AMA314	Electrical Fundamentals DC Theory 1	4			
	Trimester 2					
	AMA321	Aircraft Servicing and Handling	4			
	AMA322	Maintenance Practices - Avionics 1	4			
	AMA323	Maintenance Practices - Avionics 2	4			
	AMA324	Electrical Fundamentals DC Theory 2	4			
	AMA325	Electrical Fundamentals DC Theory 3	4	150		
	AMA326	AC Theory and Power Systems 1	4	250		
	Trimester 3					
	AMA331	AC Theory and Power Systems 2	4			
	AMA332	AC Theory and Power Systems 3	4			
	AMA333	Aircraft Electrical Systems 1	4			
	AMA334	Aircraft Instrument Systems 1	4	4315	6016	
	AMA335	Aircraft Instrument Systems 2	4			
	AMA336	Analogue Fundamentals 1	4			
	Year 2	Trimester 1				
		AMA441	Analogue Fundamentals 2	4		
		AMA442	Aircraft Electrical Systems 2	4		
		AMA443	Aircraft Electrical Systems 3	4		
		AMA444	Aircraft Instrument Systems 3	4		
		AMA445	Analogue Fundamentals 3	4		
AMA446		Digital Techniques 1	4	4315	6016	
Trimester 2						
AMA451		Digital Techniques 2	4			
AMA452		Radio Principles 1	4			
AMA453		Radio Principles 2	4			
AMA454		Radio Principles 3	4			
AMA455		Aircraft Environmental Systems	4			
AMA456		Digital Techniques 3	4	4315	6016	
Trimester 3						
AMA461		Pulse Systems	4			
AMA462		Radio Navigation Systems	4			
AMA463		Flight Controls and Flight Director Systems	4			
AMA464		Automatic Flight Control Systems	4			
AMA465		Inertial Nav and Inertial Reference Systems	4			
AMA466	Aircraft Oxygen Systems	4				
Certificate IV in Aircraft Maintenance Engineering (Mechanical)						
Year 1	Trimester 1					
	AMM314	Trade Technology and Practices	4	4315	6016	
	AMM315	Aircraft Basic Science	4			
	AMM316	Fabrication and Metallurgy	4			
	AMM311	Occupational Health and Safety (Aero)	4			
	COM301	Communication Skills and Studies	7			
	OHS404	OHS Fundamentals & Law I	10			
	Trimester 2					
	AMM312	Basic Electricity A	3			
AMM313	Basic Electricity B	3	4315	6016		

Year 2	AMM321	Aircraft Electrical Systems	4			
	AMM328	Theory of Flight	4			
	AMM325	Aircraft Maintenance Practices A	4			
	AMM326	Introduction To Aircraft Maintenance	4			
	Trimester 3					
	AMM322	Aircraft Metalwork A	4			
	AMM323	Aircraft Metalwork B	4			
	AMM324	Aircraft Metalwork C	4	4315	6016	
	AMM327	Composites	4			
	AMM435	Aircraft Instrument Systems	4			
	Trimester 1					
	AMM431	Piston Engine Theory and Construction	4			
	AMM432	Piston Engine Systems	4			
	AMM433	Piston Engine Maintenance	2			
	AMM434	Aircraft Propellers	4			
	AMM436	Aircraft Engine Instrument System	4			
	Trimester 2					
	AMM437	Gas Turbine Principles and Construction	4	3056	9168	
	AMM438	Gas Turbine Systems	4			
	AMM439	Gas Turbine Maintenance	2			
	AMM441	Aircraft Structures and Systems	4			
	AMM442	Fluid Power Systems	4			
	AMM443	Aircraft Flight Controls	4			
	Trimester 3					
	AMM444	Auxiliary Systems	4			
	AMM445	Aircraft Maintenance Practices B	4			
	AMM446	Helicopters	4	3056	9168	
	AMM447	Aircraft Environmental Systems	4			
	AMM448	Mobile Air-conditioning Systems	2			
	ACR104	Refrigerant	2			
	additional charges	Textbook				
		Tool Kit				
	Bachelor of Science in Physics					
		Major 1: Core Courses				
		PHY504	Mechanics and Fluids	12	313	940
		PHY505	Electricity and Magnetism	12	313	940
		PHY510	Oscillations, Waves and Optics	12	313	940
		PHY601	Environmental Physics	16	464	1392
		PHY602	Electronics	8	232	696
		PHY608	Modern Physics	15	435	1305
	PHY607	Oscillations, Waves and Optics	15	435	1305	
	PHY704	Quantum Mechanics and Atomic Physics	20	638	1914	
	PHY703	Renewable and Sustainable Energy	8	255	766	
	PHY706	Solid State and Semiconductor Physics	15	479	1436	
	PHY707	Nuclear and Particle Physics	20	638	1914	
	PHY708	Principles of Conservation and Utilization of Energy	15	479	1436	
Foundation Physics						
	PHY401	Foundation Physics 1	9	189	568	
	PHY402	Foundation Physics 2	9	189	568	
Preliminary Physics						
	PHY301	Preliminary Physics I	9	180	540	
	PHY302	Preliminary Physics II	9	180	540	
	Service Courses					
	Elective Courses: 2 x 500 level, 2 x 600 level, 2 x 700 level					
	PHY506	Introductory Physics	12	313	940	
	PHY507	Introduction to Astronomy	12	313	940	
	PHY601	Environmental Physics	16	464	1392	
	PHY602	Electronics	8	232	696	
	PHY704	Renewable and Sustainable Energy	20	638	1914	
	XXX7		8	255	766	
Certificate IV in Applied Computing						
	CIN410	Microcomputer Application	16	290	871	
	CIN411	Hardware Fundamentals and Practices	16	290	871	
	MTH404	Foundation Maths 1	10	211	632	
	CIN514	System Support	16	418	1255	
	CIN535	Multimedia and Communication	16	418	1255	
	CIN544	Database Application Development	16	418	1255	
	ETH401	Ethics Values and Governances 2	9	163	490	
	LNG401	Foundation English 1	13	236	708	
	LNG402	Foundation English 2	13	236	708	
Trade Diploma in Applied Computing						
		Directed Industrial Attachment (1 Trimester)				
	CIN411	Hardware Fundamentals and Practice	16	290	871	

	CIN410	Microcomputer Application	16	290	871
	CIN501	Productivity Software	16	418	1255
	CIN507	Operating System 1	16	418	1255
	MTH511	Discrete Mathematics	13	339	1018
	CIN514	System Support	16	418	1255
	CIN535	Multimedia and Communication	16	418	1255
	CIN544	Database Application Development	16	418	1255
	CIN545	Introduction to Business Networking	16	418	1255
	CIN546	System Administration	16	418	1255
	CIN502	Information Systems in Organization	16	418	1255
	CIN531	Foundation of Programming	16	418	1255
	MTH404	Foundation Mathematics 1	10	211	632
	Service Units (Compulsory for all majors)				
	ETH501	Introduction to ethics and Governance	11	248	743
	LNG401	Foundation English 1	13	236	708
	LNG402	Foundation English 2	13	236	708
		Directed Industrial Attachment (2 Trimester)			
Higher Education Diploma in Information Systems					
	CIN501	Productivity Software	16	418	1255
	CIN531	Foundations of Programming	16	418	1255
	CIN535	Multimedia and Communication	16	418	1255
	CIN534	Object Oriented Programming	16	418	1255
	CIN502	Information Systems in Organization	16	418	1255
	MTH511	Discrete Mathematics	13	339	1018
	CIN623	Database Design and Programming	16	465	1395
	CIN628	Internet and Web Programming	16	465	1395
	CIN611	Electronic Commerce	16	465	1395
	CIN603	Systems Analysis and Design	16	465	1395
	Service unit				
	ETH501	Introduction to Ethics and Governance	11	248	743
	COM501	Communication Literacy	12	270	810
	Internship	Directed Industrial Attachment (2 Trimesters)			
Bachelor of Science Mathematics					
Year 1	MTH515	Single Variable Calculus	12	313	940
	MTH516	Solid Geometry and Multivariable Calculus	12	313	940
Year-2	MTH514	Probability and Statistics	12	313	940
	MTH511	Discrete Mathematics	13	339	1018
	MTH611	Real Analysis	15	435	1305
Year 3	MTH613	Linear Algebra	15	435	1305
	Elective Units				
	MTH610	Ordinary & Partial Differential Equations	15	435	1305
	MTH612	Abstract Algebra	15	435	1305
	MTH614	Inferential Statistics	15	435	1305
	MTH710	Complex Analysis	20	638	1914
	Elective Units				
	MTH711	Numerical Analysis	20	638	1914
	MTH712	Linear Programming	20	638	1914
MTH713	Stochastic Process	20	638	1914	
MTH714	Number Theory	20	638	1914	
MTH715	Integral Transforms	20	638	1914	
MTH716	Classical Mechanics	20	638	1914	
3.1.4 Generic Units					
	COM501	Communication Literacy	12	270	810
	ETH501	Introduction to Ethics and Governance	11	248	743
Preliminary and Foundation Mathematics					
	MTH404	Foundation Mathematics-I	10	211	632
	MTH409	Foundation Mathematics-II	10	211	632
	MTH301	Preliminary Mathematics-I	5	100	300
	MTH302	Preliminary Mathematics-II	10	200	600
Bachelor of Science Computer Science					
Year 1	3.1.2 Computer Science Pre-Requisite				
	CSC511	Foundations of Programming	16	418	1255
Year 2	CSC512	Object Oriented Programming	16	418	1255
	CSC621	Data Structures and Algorithms	16	465	1395
	CSC622	Artificial Intelligence	16	465	1395
	CSC625	Software Engineering	16	465	1395
	Elective Units				
	CSC633	Operating Systems	16	465	1395
Year 3	CSC635	Mobile Computing	16	465	1395
	CSC638	Compiler Design	16	465	1395
	CSC725	Cryptography	16	511	1534

	CSC720	Design and Analysis of Algorithms	16	511	1534
	CSC722	Data Communication and Networks	16	511	1534
	Elective Units				
	CSC711	Automata Theory	16	511	1534
	CSC715	Computer Organization and Switching Theory	16	511	1534
	CSC705	Distributed Systems	16	511	1534
	3.1.4 Generic Units				
	COM501	Communication Literacy	12	270	810
	ETH501	Introduction to Ethics and Governance	11	248	742.5
Bachelor of Science Information Systems					
Year 1	CIN502	Information Systems in Organizations	16	418	1255
	CIN501	Productivity Software	16	418	1255
	CIN535	Multimedia and Communication	16	418	1255
Year 2	CIN603	Systems Analysis and Design	16	465	1395
	CIN623	Database Design and Programming	16	465	1395
	CIN628	Internet and Web Programming	16	465	1395
	Elective Units				
	CIN607	Human Computer Interaction	16	465	1395
	CIN611	Electronic Commerce	16	465	1395
	CIN625	Business Application Development	16	465	1395
Year 3	CIN707	Information Technology Project	16	511	1534
	CIN711	Social Professional Issues in Computing	16	511	1534
	CIN714	Information systems Management	16	511	1534
	Elective Units				
	CIN704	Management Support Systems	16	511	1534
	3.1.4 Generic Units				
	COM501	Communication Literacy	12	270	810
	ETH501	Introduction to ethics and Governance	11	248	742.5
HIGHER EDUCATION DIPLOMA IN ENVIRONMENTAL SCIENCE					
Year 1	ETH501	Ethics, Values and Governance	11	248	742.5
	LNG501	Language for Academic Studies	10	225	675
	CIN502	Information systems in Organizations	16	418	1255
	BIO511	Introductory Biology	12	313	940
	CHM505	Introductory Chemistry	12	313	940
	PHY506	Introductory Physics	12	313	940
	MTH503	General Mathematics	12	313	940
	MTH512	Introductory Statistics	12	313	940
	ENS501	Introduction to Environmental Science	12	313	940
	ENS502	Scientific basis to Natural Resources Management	12	313	940
Year 2	PHY601	Environmental Physics	16	464	1392
	CHM604	Environmental Chemistry	14	406	1218
	BIO604	Ecology	14	435	1305
	ENS601	Environmental Biology	16	464	1392
	ENS602	Environmental Issues & Management	16	464	1392
	ENS603	Environmental Law	16	464	1392
	ENS604	Environmental Research Methodologies	14	406	1218
	ENS605	Biodiversity & Conservation in South Pacific Region	14	406	1218
HE Diploma in Food Technology					
Year 1	Trimester 1				
	MTH510	Elementary Algebra and Statistics	12	313	940
	CHM503	General Chemistry	12	313	940
	BIO508	Cell Biology	12	313	940
	CIN506	Computer Principles	16	418	1255
	Trimester 2				
	FDT502	Nutrient Studies	11	287	861
	LNG501	English for Academic Studies	10	225	675
	FDT503	Food Microbiology	12	313	940
	PHY506	Introductory Physics	13	313	940
	Penster 4				
	ETH501	Ethics Values and Governance 3	11	248	743
	FDT504	Food Biotechnology	16	418	1253
Year 2	Trimester 1				
	FDT605	Food Processing Technology I	16	464	1392
	FDT603	Practical Food Microbiology	14	406	1218
	CHM606	Food Chemistry	14	406	1218
	Trimester 2				
	FDT606	Food Processing Technology II	18	522	1566
	FDT607	Food Engineering	20	580	1740
	Elective 1		7		
	Options				
	CHM601	Instrumental Chemistry	12	348	1044
	MTH602	Statistical Mathematics	14	406	1218
	Penster 4				

	FDT602	Hazard Analysis Critical Control Point	7	203	609	
	FDT604	Food Security	12	348	1044	
HE Diploma in Industrial Laboratory Technology						
Year 1	Trimester 1					
	MTH510	Elementary Algebra and Statistics	12	313	940	
	CHM503	General Chemistry	12	313	940	
	BIO508	Cell Biology	12	313	940	
	CIN506	Computer Principles	16	418	1255	
	Trimester 2					
	CHM502	Fundamentals of Analytical Chemistry	12	313	940	
	LNG501	English for Academic Studies	10	225	675	
	CHM504	Organic Chemistry	12	313	940	
	PHY506	Introductory Physics	12	313	940	
	Penster 4					
	ETH501	Ethics Values and Governance 3	11	248	743	
	FDT504	Food Biotechnology	16	418	1253	
	CHM502	Fundamentals of Analytical Chemistry	12	313	940	
Year 2	Trimester 1					
	CHM612	Industrial Chemistry	7	203	609	
	MTH602	Statistical Mathematics	14	406	1218	
	PHY601	Environmental Physics	16	464	1392	
	Trimester 2					
	CHM613	Analytical Research Project	16	464	1392	
	CHM614	Industrial Hygiene and Chemical safety	16	464	1392	
	CHM612	Industrial Chemistry	14	406	1218	
	Penster 4					
	ISO601	ISO 17025 Competence of testing and calibration of laboratory equipments	14	406	1218	
	BIO602	Industrial Microbiology	15	435	1305	
	HE Diploma in Environmental Science					
	Year 1	Trimester 1				
		MTH510	Elementary Algebra and Statistics	12	313	940
CHM503		General Chemistry	12	313	940	
CIN506		Computer Principles	16	418	1255	
BIO511		Introductory Biology	12	313	940	
Trimester 2						
LNG501		English for Academic Studies	10	225	675	
PHY506		Introductory Physics	13	313	940	
ENS501		Introduction to Environment	12	313	940	
ENS502		Introduction to Natural Resources	12	313	940	
Trimester 3						
ETH501		Ethics Values and Governance 3	11	248	743	
FDT504		Food Biotechnology	16	418	1253	
CHM502		Fundamentals of Analytical Chemistry	12	313	940	
Year 2	Trimester 1					
	CHM601	Instrumental Chemistry	14	348	1044	
	BIO605	Ecology	14	435	1305	
	BIO604	Biodiversity	14	435	1305	
	PHY601	Environmental Physics	16	464	1392	
	Trimester 2					
	ENS603	Environmental Law	16	464	1392	
	ENS604	Environmental Research Project I	14	406	1218	
	CHM604	Environmental Chemistry	14	406	1218	
	Penster 4					
	ENS602	Environmental Issues	16	464	1392	
	ENS601	Environmental Mangement	16	464	1392	
	Certificate IV in Meteorology					
	Year 1	Trimester 1				
MTH404		Foundation Mathematics I	10	211	632	
PHY402		Foundation Physics I	9	189	568	
MET402		Atmospheric Science I	5	105	316	
MET404		Synoptic Meteorology I	5	105	316	
MET406		Tropical Cyclone Genesis Climatolgy & Forecasting	5	105	316	
Trimester 2						
MTH409		Foundation mathematics II	10	211	632	
PHY403		Foundation Physics II	9	189	568	
MET403		Atmospheric Science II	5	105	316	
MET405		Synoptic Meteorology II	5	105	316	
MET407		Climate Variability, Variability & Prediction	5	105	316	
Penster 4						
ETH401		Ethics Values & Governace B	9	163	490	
LNG401	English for Academic Studies	13	236	708		
HE Diploma in Renewable Energy Technologies						
Year 1	Trimester 1					

	PHY505	Electrical Physics	7	313	940
	MTH503	General Mathematics	12	313	940
	RET502	Introduction to RE Technologies	6	157	470
	EEE407	Electrical and Mechanical Workshop	10	290	871
	Trimester 2				
	MTH505	Basic Engineering mathematics	6	157	470
	LNG501	English for Academic Studies	10	225	675
	PHY502	Applied Electronics	7	183	548
	RET501	Renewable Energy Technologies	7	183	548
	Penster 4				
	ETH501	ETHICS, VALUES AND GOVERNANCE	11	248	743
	OHS403	Occupational, Health and Safety 3	5	182	545
Year 2	Trimester 1				
	RET606	Hydro-electric Power Systems	7	203	609
	RET601	Biomass Energy Systems	8	232	696
	RET602	Photovoltaic Power Systems	8	232	696
	Trimester 2				
	RET603	Hybrid Power Systems	8	232	696
	RET604	Wind Turbines Systems I	8	232	696
	RET605	Renewable Energy Research Project	8	232	696
	Penster 4				
	RET607	Principles of Electrical Circuits	7	203	609
	EEE610	Electrical Engineering Modelling	10	400	1200
BACHELOR OF APPLIED SCIENCES (BIO/CHEM)					
Year 1	Trimester 1				
	BIO508	CELL BIOLOGY	12	313	940
	CHM503	GENERAL CHEMISTRY	12	313	940
	MTH510	ELEMENTARY ALGEBRA AND STATISTICS	12	313	940
	PHY504	CLASSICAL PHYSICS	12	313	940
	TRIMESTER 2				
	BIO509	BOTANY	12	313	940
	CHM504	ORGANIC CHEMISTRY	12	313	940
	LNG501	ENGLISH FOR ACADEMIC STUDIES	10	225	675
	CIN506	COMPUTER PRINCIPLES	16	418	1255
	PENSTER 4				
	BIO510	ZOOLOGY	12	313	940
	EVG501	ETHICS, VALUES AND GOVERNANCE C	11	287	861
Year 2	Trimester 1				
	BIO603	GENETICS AND EVOLUTION	15	435	1305
	CHM601	INSTRUMENTAL CHEMISTRY	12	348	1044
	CHM604	ENVIRONMENTAL CHEMISTRY	14	406	1218
	TRIMESTER 2				
	BIO602	INDUSTRIAL MICROBIOLOGY	15	435	1305
	CHM602	PHYSICAL CHEMISTRY	15	435	1305
	CHM603	INORGANIC CHEMISTRY	14	406	1218
	Trimester 3				
	BIO605	INVERTEBRATE BILOGY	15	435	1305
	BIO604	ECOLOGY	15	435	1305
Year 3	Trimester 1				
	BIO702	APPLIED ANIMAL BIOLOGY	20	638	1914
	CHM701	MODERN INSTRUMENTATION AND ANALYTICAL TECHNIQUES	20	638	1914
	TRIMESTER 2				
	BIO703	APPLIED PLANT PHYSIOLOGY	20	638	1914
	CHM703	ADVANCED ORGANIC CHEMISTRY	20	638	1914
	TRIMESTER 3				
	BIO704	MARINE BIOLOGY	20	638	1914
	Options				
	CHM708	MEDICINAL CHEMISTRY	20	638	1914
	BIO705	MOLECULAR BIOLOGY AND BIOTECHNOLOGY	20	638	1914
	BIO706	EMBRYOLOGY	20	638	1914
	BIO707	EVOLUTION	20	638	1914
BACHELOR OF APPLIED SCIENCES (PHY/MATHS)					
Year 1	Trimester 1				
	MTH508	CALCULUS I	12	313	940
	MTH510	ELEMENTARY ALGEBRA AND STATISTICS	12	313	940
	PHY504	CLASSICAL PHYSICS	12	313	940
	TRIMESTER 2				
	PHY505	ELECTRICITY AND MAGNETISM	12	313	940
	MTH509	CALCULUS II	12	313	940
	LNG501	ENGLISH FOR ACADEMIC STUDIES	10	225	675
	CIN506	COMPUTER PRINCIPLES	16	418	1255
	Trimester 3				
	PHY510	OSCILLATIONS, WAVES AND OPTICE	12	313	940

Year 2	ETH501	ETHICS, VALUES AND GOVERNANCE	11	248	743	
	TRIMESTER 1					
	PHY601	ENVIRONMENTAL PHYSICS	16	464	1392	
	MTH607	ADVANCED CALCULUS	16	464	1392	
	PHY602	ELECTRONICS	8	232	696	
	TRIMESTER 2					
	PHY608	MODERN PHYSICS	15	435	1305	
	MTH610	Ordinary and Partial Differential Equations	15	435	1305	
	MTH612	Abstract Algebra	15	435	1305	
	Trimester 3					
	MTH602	STATISTICAL MATHEMATICS	14	406	1218	
	PHY607	OSCILLATIONS, WAVES AND OPTICS	15	435	1305	
Year 3	TRIMESTER 1					
	PHY703	RENEWABLE AND SUSTAINABLE ENERGY	20	255	766	
	MTH702	NUMERICAL ANALYSIS AND OPTIMISATION	20	638	1914	
	TRIMESTER 2					
	PHY706	SOLID STATE AND SEMICONDUCTOR PHYSICS	15	479	1436	
	MTH707	ADVANCED STATISTICS	20	638	1914	
	OPTIONS					
	MTH705	ADVANCED CALCULUS II	12	383	1148	
	TRIMESTER 3					
	PHY707	NUCLEAR AND PARTICLE PHYSICS	20	638	1914	
	MTH703	ABSTRACT ALGEBRA	20	638	1914	
	OPTIONS					
MTH704	REAL AND COMPLEX ANALYSIS	20	638	1914		
BACHELOR OF APPLIED SCIENCES (MATHS/CHEM)						
Year 1	Trimester 1					
	FGE501	FUNDAMETALS OF GEOLOGY	6	157	470	
	CHM503	GENERAL CHEMISTRY	12	313	940	
	MTH510	ELEMENTARY ALGEBRA AND STATISTICS	12	313	940	
	MTH508	CALCULUS I	12	313	940	
	TRIMESTER 2					
	MTH509	CALCULUS II	12	313	940	
	CHM504	ORGANIC CHEMISTRY	12	313	940	
	LNG501	ENGLISH FOR ACADEMIC STUDIES	10	225	675	
	CIN506	COMPUTER PRINCIPLES	16	418	1255	
	Trimester 3					
	CHM502	ANALYTICAL CHEMISTRY	12	313	940	
Year 2	ETH501	ETHICS, VALUES AND GOVERNANCE	11	248	743	
	TRIMESTER 1					
	MTH607	ADVANCED CALCULUS	16	464	1392	
	CHM601	INSTRUMENTAL CHEMISTRY	12	348	1044	
	MTH603	ADVANCED ENGINEERING MATHEMATICS I	16	464	1392	
	TRIMESTER 2					
	MTH604	ADVANCED ENGINEERING MATHEMATICS II	16	464	1392	
	CHM602	PHYSICAL CHEMISTRY	15	435	1305	
	CHM603	INORGANIC CHEMISTRY	14	406	1218	
	PENSTER 4					
	CHM604	ENVIRONMENTAL CHEMISTRY	14	406	1218	
	MTH602	STATISTICAL MATHEMATICS	14	406	1218	
Year 3	TRIMESTER 1					
	MTH702	NUMERICAL ANALYSIS AND OPTIMISATION	20	638	1914	
	CHM701	MODERN INSTRUMENTATION AND ANALYTICAL TECHNIQUES	20	638	1914	
	TRIMESTER 2					
	MTH707	ADVANCED STATISTICS	20	638	1914	
	CHM703	ADVANCED ORGANIC CHEMISTRY	20	638	1914	
	OPTIONS					
	MTH705	ADVANCED CALCULUS II	12	383	1148	
	TRIMESTER 3					
	MTH703	ABSTRACT ALGEBRA	20	638	1914	
	CHM708	MEDICINAL CHEMISTRY	20	638	1914	
	MTH704	REAL AND COMPLEX ANALYSIS	10	638	1914	
BACHELOR OF APPLIED SCIENCES (PHY/CHEM)						
Year 1	Trimester 1					
	CHM503	GENERAL CHEMISTRY	12	313	940	
	MTH510	ELEMENTARY ALGEBRA AND STATISTICS	12	313	940	
	PHY504	CLASSICAL PHYSICS	12	313	940	
	TRIMESTER 2					
	PHY505	ELECTRICITY AND MAGNETISM	12	313	940	
	CHM504	ORGANIC CHEMISTRY	12	313	940	
	LNG501	ENGLISH FOR ACADEMIC STUDIES	10	225	675	
	CIN506	COMPUTER PRINCIPLES	16	418	1255	
	Trimester 3					

Year 2	PHY510	OSCILLATIONS, WAVES AND OPTICE	12	313	940
	ETH501	ETHICS,VALUES AND GOVERNANCE C	11	248	743
	TRIMESTER 1				
	PHY601	ENVIRONMENTAL PHYSICS	16	464	1392
	CHM601	INSTRUMENTAL CHEMISTRY	12	348	1044
	PHY602	ELECTRONIC CIRCUITS	8	232	696
	TRIMESTER 2				
	PHY608	MODERN PHYICS	15	435	1305
Year 3	CHM602	PHYSICAL CHEMISTRY	15	435	1305
	CHM603	INORGANIC CHEMISTRY	14	406	1218
	Trimester 3				
	CHM604	ENVIRONMENTAL CHEMISTRY	14	406	1218
	PHY607	OSCILLATIONS, WAVES AND OPTICS	15	435	1305
	TRIMESTER 1				
	PHY703	RENEWABLE AND SUSTAINABLE ENERGY	20	255	766
	PHY704	QUANTUM MECHANICS AND ATOMIC PHYSICS	20	638	1914
	CHM701	MODERN INSTRUMENTATION AND ANALYTICAL TECHNIQUES	20	638	1914
	TRIMESTER 2				
PHY706	SOLID STATE AND SEMICONDUCTOR PHYSICS	15	479	1436	
CHM703	ADVANCED ORGANIC CHEMISTRY	20	638	1914	
TRIMESTER 3					
PHY707	NUCLEAR AND PARTICLE PHYSICS	20	638	1914	
CHM708	MEDICINAL CHEMISTRY	20	638	1914	
BACHELOR OF APPLIED SCIENCES (FOOD TECHNOLOGY/CHEM)					
Year 1	TRIMESTER 1				
	BIO508	CELL BIOLOGY	12	313	940
	CHM503	GENERAL CHEMISTRY	12	313	940
	MTH510	ELEMENTARY ALGEBRA AND STATISTICS	12	313	940
	PHY504	CLASSICAL PHYSICS	12	313	940
	TRIMESTER 2				
	FDT502	NUTRIENT STUDIES	11	287	861
	CHM504	ORGANIC CHEMISTRY	12	313	940
	LNG501	ENGLISH FOR ACADEMIC STUDIES	10	225	675
	CIN506	COMPUTER PRINCIPLES	16	418	1255
	PENSTER 4				
	FDT503	FOOD MICROBIOLOGY	12	313	940
	Year 2	ETH501	ETHICS,VALUES AND GOVERNANCE C	11	248
TRIMESTER 1					
FDT605		FOOD PROCESSING TECHNOLOGY I	16	464	1392
CHM601		INSTRUMENTAL CHEMISTRY	12	348	1044
CHM606		FOOD CHEMISTRY	14	406	1218
TRIMESTER 2					
FDT606		FOOD PROCESSING TECHNOLOGY II	18	522	1566
CHM602		PHYSICAL CHEMISTRY	15	435	1305
CHM603		INORGANIC CHEMISTRY	14	406	1218
Trimester 3					
FDT607		FOOD ENGINEERING	20	580	1740
FDT602		HAZARD ANALYSIS CRITICAL POINT	7	203	609
Year 3		TRIMESTER 1			
	FDT703	FOOD PACKAGING	16	510	1531
	CHM701	MODERN INSTRUMENTATION AND ANALYTICAL TECHNIQUES	10	638	1914
	TRIMESTER 2				
	FDT704	FOOD PRODUCT DEVELOPMENT	26	829	2488
	CHM703	ADVANCED ORGANIC CHEMISTRY	10	638	1914
	TRIMESTER 3				
	FDT701	QUALITY ASSUARANCE AND LEGISLATIONS	26	829	2488
	CHM702	RESEARCH METHODS IN CHEMISTRY	20	638	1914
	BACHELOR OF SCIENCES IN ENVIRONMENTAL MANAGEMENT				
YEAR 1	TRIMESTER 1				
	MTH510	ELEMENTARY ALGEBRA AND STATISTICS	12	313	940
	CHM503	GENERAL CHEMISTRY	12	313	940
	CIN506	COMPUTER PRINCIPLES	16	418	1255
	BIO511	INTRODUCTORY BIOLOGY	12	313	940
	TRIMESTER 2				
	LNG501	ENGLISH FOR ACADEMIC STUDIES	10	225	675
	PHY506	INTRODUCTORY PHYSICS	13	313	940
	ENS501	INTRODUCTION TO ENVIRONMENT	12	313	940
	ENS502	INTRODUCTION TO NATURAL RESOURCES	12	313	940
	TRIMESTER 3				
	ETH501	ETHICS VALUES AND GOVERNANCE	11	248	743
	FDT504	FOOD BIOTECHNOLOGY	16	418	1253
CHM502	FUNDAMENTALS OF ANALYTICAL CHEMISTRY	12	313	940	
YEAR 2	TRIMESTER 1				

YEAR 3	CHM601	INSTRUMENTAL CHEMISTRY	14	348	1044
	BIO604	ECOLOGY	14	435	1305
	PHY601	ENVIRONMENTAL PHYSICS	16	464	1392
	TRIMESTER 2				
	ENS603	ENVIRONMENTAL LAW	16	464	1392
	ENS604	ENVIRONMENTAL RESEARCH PROJECT I	14	406	1218
	CHM604	ENVIRONMENTAL CHEMISTRY	14	406	1218
	TRIMESTER 3				
	ENS602	ENVIRONMENTAL ISSUES	16	464	1392
	ENS601	ENVIRONMENTAL MANGEMENT	16	464	1392
	TRIMESTER 1				
	ENS701	CLIMATE CHANGE AND THE SOUTH PACIFIC	20	638	1914
	ENS706	ENVIRONMENTAL IMPACT ASSESSMENT	20	638	1914
	TRIMESTER 2				
	ENS705	FIJI AND SOUTH PACIFIC COASTAL MANAGEMENT	20	638	1914
	ENS708	GEOGRAPHIC INFORMATION SYSTEMS	20	638	1914
	TRIMESTER 3				
	ENS703	FIJI AND SOUTH PACIFIC FRESHWATER ECOLOGY	20	638	1914
	ENS710	ENVIRONMENTAL IMPACT ASSESSMENT PRACTICUM	20	638	1914
	OPTIONS				
	ENS702	MARINE ECOLOGY	20	638	1914
	ENS704	FIJI AND SOUTH PACIFIC TERRESTRIAL ECOLOGY	20	638	1914
	ENS707	Mining and its Environment	20	638	1914
Preliminary Science					
Year 1	Trimester 1				
	MTH301	Preliminary Mathematics I	10	100	300
	PHY301	Preliminary Physics I	9	180	540
	LNG301	Preliminary English I	4	69	207
	BIO301	Preliminary Biology I	8	160	480
	CHM301	Preliminary Chemistry I	6	120	360
	Trimester 2				
	MTH302	Preliminary Mathematics II	10	200	600
	PHY302	Preliminary Physics II	9	180	540
	LNG302	Preliminary English II	4	69	207
	BIO302	Preliminary Biology II	8	160	480
	CHM302	Preliminary Chemistry II	6	120	360
Preliminary Technology					
Year 1	Trimester 1				
	MTH301	Preliminary Mathematics I	10	100	300
	PHY301	Preliminary Physics I	9	180	540
	LNG301	Preliminary English I	4	69	207
	TDR301	Preliminary Technical Drawing	10	200	600
	PHY305	Preliminary Electronics	9	180	540
	Trimester 2				
	MTH302	Preliminary Mathematics II	10	200	600
	PHY302	Preliminary Physics II	9	180	540
	LNG302	Preliminary English II	4	69	207
	PHY304	Preliminary Applied Mechanics	9	180	540
	CHM303	Preliminary Material Science	6	120	360
Foundation Science					
Year 1	Trimester 1				
	MTH404	Foundation Mathematics I	10	211	632
	PHY402	Foundation Physics I	9	189	568
	CHM402	Foundation Chemistry I	10	211	632
	BIO403	Foundation Biology II	10	211	632
	LNG401	Foundation English I	13	236	708
	Trimester 2				
	MTH409	Foundation Mathematics II	10	211	632
	PHY403	Foundation Physics II	9	189	568
	CHM403	Foundation Chemistry II	8	168	505
	BIO404	Foundation Biology II	10	211	632
	LNG402	Foundation English II	13	236	708
Foundation Technology					
Year 1	Trimester 1				
	MTH404	Foundation Mathematics I	10	211	632
	PHY402	Foundation Physics I	9	189	568
	TDR401	Foundation Technical Drawing	5	105	316
	PHY405	Foundation Electronics	5	105	316
	LNG401	Foundation English I	13	236	708
	Trimester 2				
	MTH409	Foundation Mathematics II	10	211	632
	PHY403	Foundation Physics II	9	189	568
	PHY404	Foundation Applied Mechanics	9	189	568

	CHM405	Foundation Material Science	5	105	316
	LNG402	Foundation English II	13	236	708
CERTIFICATE IV IN BIOMEDICAL TECHNOLOGY					
Year 1	Trimester 1				
	MTH304	Mathematics for Trade	9	180	540
	EEE312	Electrical Principles	9	248	745
	EEE313	Electrical, Electronics & Gas Safety w/shop	9	248	745
	BMT342	Anatomy, Physiology & Infection Control	9	248	745
	EEE315	Electrical Components & Measurements	9	248	745
	Trimester 2				
	COM301	Technical Communication	7	121	362
	EEE450	Digital Electronics	5	145	436
	EEE451	Analog Electronics	4	116	348
	EEE493	Computer Application & Systems	9	261	784
	BMT471	Biomedical Materials & Devices	9	261	784
	MEC379	Pneumatics, Hydraulics & Refrigeration	9	248	745
	Trimester 3				
	OHS401	Occupational Health & Safety	5	182	545
	EEE456	Electronic Project	9	232	697
	BMT474	Medical Imaging Systems	9	261	784
BMT451	Introduction to Bioinformatics	9	261	784	
BMT472	Biomedical Instrumentation	9	261	784	
EEE462	Microcontroller Applications	9	261	784	
ETH301	Fundamentals of Ethical Practices	5	86	259	
Year 2	Trimester 1				
	PRACTICUM	Note: <i>Practicum shall be taken in-between trimesters (sandwich mode) or after trimester 3 depending on whichever is preferable/or convenient.</i>			
	BMT562	PRACTICAL EXPERIENCE IN BIOMEDICAL TECHNOLOGY & RELEVANT WORK EXPERIENCE	60	2160	6480
Certificate in Broadcast Engineering					
	EEB400	Broadcast Engineering Fundamentals	6	174	523
	EEB401	Audio/Video Equipment & Systems	6	174	523
	EEB402	Broadcast Studios & Master Control Rooms	6	174	523
	EEB403	Broadcast Chain & Auxiliary Services	6	174	523
	EEB404	Digital Broadcasting Systems & Networking	7	203	610
	EEB301	First Aid & Tower Safety	3	83	248
	EEB405	Transmitters, Antennas & Coupling Units	7	203	610
Bachelor of Environmental Science					
	ETH501	Intermediate Ethics and Governance	11	248	743
	LNG501	English for Academic Purposes	10	225	675
	CIN502	Information systems in organizations	16	418	1255
	ENS501	Introduction to Environmental Science	12	313	940
	ENS504	Earth Processes and Resources	12	313	940
	ENS601	Environmental Biology	16	464	1392
	ENS611	Environmental Pollution	16	464	1392
	ENS603	Environmental Law	16	464	1392
	ENS608	Environmental Research Methodologies	16	464	1392
	ENS610	Biodiversity Conservation and Sustainable Deveopment	16	464	1392
	ENS711	Atmospheric Science and Global Climate Change	20	638	1914
	ENS712	Oceanography	20	638	1914
	ENS716	Advanced Ecology	20	638	1914
	ENS713	Soil Science	20	638	1914
	ENS705	Fiji and South Pacific Coastal Management	20	638	1914
	ENS706	Environmental Impact Assessment	20	638	1914
	ENS714	Basics of Hydrology	20	638	1914
	ENS715	Remote Sensing ,GIS and Geospatial Techniques	20	638	1914
	ENS709	Field Project	20	638	1914
HIGHER EDUCATION DIPLOMA IN ENVIRONMENTAL MANAGEMENT					
	LNG501	English for Academic Purposes	10	225	675
	ETH501	Intermediate Ethics and Governance	11	248	743
	ENS501	Introduction to Environmental Science	12	313	940
	ENS502	Introduction to Natural Resource Management	12	313	940
	BIO507	Environmental Biology	12	313	940
	CIN502	Information systems in Organizations	16	418	1255
	CHM502	Fundamentals of Analytical Chemistry	12	313	940
	MTH513	Statistics	10	261	783
	ENS503	Environmental Field Sampling	12	313	940
	ENS606	Environmental Pollution and Control	16	464	1392
	ENS607	Waste to Resources	16	464	1392
	ENS601	Environmental Biology	16	464	1392
	ENS608	Environmental Research Methodologies	16	464	1392
	ENS603	Environmental Law	16	464	1392
	CHM604	Environmental Chemistry	16	406	1218

CERTIFICATE IV IN BROADCAST ENGINEERING					
MTH304	Mathematics for Trade	9	180	540	
EEE302	Electrical Principles	4	110	331	
EEE303	Electronics Workshop Practice I	4	110	331	
EEE305	Electrical Measurement and Component	4	110	331	
EEE414	Computer Systems & Application.	4	116	348	
COM301	Technical Communication	7	121	362	
EEE412	Digital Electronics	4	116	348	
EEE413	Analog Electronics	4	116	348	
EEE415	Electronics Communication	4	116	348	
EEE416	Electronic Workshop Practice II	4	116	348	
ETH301	Fundamentals of Ethical Practices	5	86	259	
OHS401	Occupational Health & Safety	10	182	545	
EEB400	Broadcast Engineering Fundamentals	6	174	523	
EEB401	Audio/Video Equipment & Systems	6	174	523	
EEB402	Broadcast Studios & Master Control Rooms	6	174	523	
EEB403	Broadcast Chain & Auxiliary Services	6	174	523	
EEB404	Digital Broadcasting Systems & Networking	7	203	610	
EEB301	First Aid & Tower Safety	3	83	248	
EEB405	Transmitters, Antennas & Coupling Units:	7	203	610	
IAB401	Studios Operations and Maintenance	20	581	1742	
IAB402	Master Control / Studio Transmitter Links (STL)	20	581	1742	
IAB403	Transmission Station Operation and Maintenance	20	581	1742	