

## The Foundation Year Curriculum

Foundation Year Content Delivery Schedule				
	Course No.	Course	Hours P/Week	Total Hours
Trimester1	ENG 101	General English 1	17	204
	APE101	Applied English 1	5	60
	SSK101	Study Skills 1	3	36
	STEM101	STEMS-IT Skills1	5	60
	<b>Total Hours</b>			<b>30</b>

	Course No.	Course	Hours P/Week	Total Hours
Trimester1	ENG 102	General English 2	14	168
	APE102	Applied English 2	5	60
	SSK102	Study Skills 2	3	36
	STEM102	STEMS-IT Skills 2	5	60
	MTH101	STEMS- Math	3	36
	<b>Total Hours</b>			<b>30</b>

	Course No.	Course	Hours P/Week	Total Hours
Trimester 3	ENG 103	General English 3	17	204
	APE103	Applied English 3	5	60
	STEM104	STEMS - IT Skills 3	5	60
	MTH102	STEMS-Math 2	3	36
	<b>Total Hours</b>			<b>30</b>

**Program Matrix - Electrical Maintenance Course**

	Course No.	Course Name	Total Hours
Trimester 4	CTC101	Introduction to Engineering Technology and Plant Equipment	20
	CTC102	Occupational Health & Safety and the Environment	44
	CTC103	Fundamentals of Process Control	20
	CTC104	Electrical and Mechanical Fundamentals	50
	CTC105	Drawings and Diagrams	40
	CTC106	Measurement and Hand Tools	50
	CTC107	Computer Applications for Engineering Technology and Logistics	40
	CTC108	Personal Development and Working in a Team	36
	ENG 211	Technical English 1	60
			<b>360</b>
Trimester 5	ELT201	Principles of Electricity	90
	ELT202	Application of industry drawings, documents, and standards	60
	ELT203	Fundamentals of low voltage circuitry	60
	ELT204	Fundamentals of Occupational Health and Safety	40
	ELT205	Application of Electrical and Electromagnetic Devices 1	40
	ELT206	Fundamentals of Electrical Components 1	40
	ENG212	Technical English 2	30
Trimester 6	ELT301	Fundamentals of Electric Power Systems	30
	ELT302	Fundamentals of Electrical Components 2	70
	ELT303	Principles of Electrical Device Installation	70
	ELT304	Application of Electrical and Electromagnetic Devices 2	40
	ELT 305	Repair of Low Voltage Components and Equipment 1	40
	ELT306	Repair of Low Voltage Components and Equipment 2	40
	ELT307	Design, Installation, and Maintenance of Low Voltage Electrical Systems	40
	ENG213	Technical English 3	30
			<b>360</b>