

1 Year Diploma in Electrician - Syllabus

Semester 1

ELE-101 - Basic Electrical Engineering
ELE-102 - Electrical Safety & First Aid
ELE-103 - Tools, Equipment & Workshop Practice
ELE-104 - Electrical Wiring Technology
ELE-105 - Engineering Mathematics
ELE-106 - Engineering Science
ELE-107 - Computer Fundamentals

Practicals

Safety Practices
Wire Joints & Soldering
House Wiring
Cable Testing
Measuring Instruments Use
Earthing Installation

Semester 2

ELE-201 - Electrical Machines
ELE-202 - Domestic & Industrial Wiring
ELE-203 - Electrical Measuring Instruments
ELE-204 - Motor Winding & Maintenance
ELE-205 - Basic Electronics
ELE-206 - Estimation & Costing
ELE-207 - Employability Skills

Practicals

Single Phase Motor Connection
Three Phase Motor Connection
Motor Winding
Transformer Testing
Control Panel Wiring
Electrical Fault Finding
Mini Project Work