

INDUSTRIAL ELECTRICAL TECHNICIAN

COURSE DURATION: 15 DAYS

ELIGIBLE CANDIDATES: DIPLOMA EEE/ITI/12TH/10TH

Electricity is essential for light, power, air conditioning, refrigeration, and so many of the conveniences we take for granted every day. Electrical technicians install, connect, test, and maintain electrical systems that bring electricity from power generating plants to our homes, offices, schools, and places of business. In the electrical technician diploma program at MTTS, you could acquire the knowledge, technical skills, and work habits you need to start a promising new career and become a qualified electrical technician in Middle East.

Building, restoration, and general maintenance needs in the construction industry, there is a need for qualified electricians. If you are looking to position yourself as a candidate for these jobs, then you have come to the right place.

Electrical technicians generally specialize in construction, maintenance work, or both. Construction work provides the knowledge and technical skills such as installing wiring systems in new homes, businesses, and factories or rewiring or upgrading existing electrical systems. Maintenance work involves maintaining and upgrading existing electrical systems and repairing electrical equipment. Nearly two-thirds of electrical technicians are employed in the construction industry and the rest work as maintenance electricians in other industries or are self-employed.

Industrial Electrical technician courses at MTTS will focus on the following:

- How to add electrical capacity to meet growth requirements of a building
- Replacement of old systems and how to conduct periodic maintenance and repair of various systems and components
- Cable tray laying
- Residential, commercial, and industrial wiring.

TOPICS COVERED:

INTRODUCTION:

- HEALTH SAFETY ENVIRONMENT (HSE)
- PERSONALITY DEVELOPMENT
- VIDEO PRESENTATION

ELECTRICAL:

- BASIC ELECTRICAL EQUIPMENTS
- ELECTRICAL FIRE HAZARDS,
- PPE AWARENESS
- CABLE STRENGTH CHECKING, GLANDING
- DB TERMINATION & DRESSING
- TRAY AND TRUCKING FITTINGS.
-
- CONDUIT PIPE BEND AND FITTING KNOWLEDGE
-
- BASIC MOTOR SPEED CONTROL SYSTEM.
- INDUSTRIAL WIRING AND HOME WIRING LINE PRACTICAL
- HANDLING POWER TOOLS AND HAND TOOLS
- GI PIPE THREADED FITTING AND MATERIALS
- SITE VISIT & FIELD WORK ARRANGEMENTS

PERSONALITY DEVELOPMENT:

- SOFT SKILL
- VERBAL COMMUNICATION
- NON VERBAL COMMUNICATION
- TIME MANAGEMENT & MOTIVATION
- TEAM WORK & LEADER SHIP
- BUSINESS COMMUNICATION & ETIQUETTE
- RESUME WRITING & COVER LETTER
- GROUP DISCUSSION

