

Course Overview:

in this applied course, the participants will learn how to wire up, test and operate a range of different electrical circuits on workboards provided using standard electrical components including circuit breakers, circuit board and a multimeter test instrument, also to ensure that all cabling, connections and operating standards are met for each circuit

Course Objective:

1- To be able of Using the number and reading the measuring instruments
2- To Arranging and installing the components of the electrical panel
3- To be able for Reading the electrical drawings
4- To be able to implement electrical circuit design
5- Connecting the electrical circuits (main - control)

Course Outline:

1. TRAINING IN THE USE OF HAND TOOLS AND MEASURING DEVICES
2. TRAINING ON THE ARRANGEMENT AND ORGANIZATION OF THE ELEMENTS OF THE ELECTRICAL PANEL
3. CONNECT WIRES AND ARRANGED IN THE ELECTRIC PANEL
4. IMPLEMENT AND CONNECT A SIMPLE CIRCUIT TO OPERATE THE BULB
5. IMPLEMENTING AND CONNECTING CIRCUIT (CONTROL - POWER) TO OPERATE THE ENGINE
6. IMPLEMENT AND CONNECT CIRCUIT (CONTROL - POWER) TO OPERATE THE ENGINE REVERSE MOVEMENT
7. IMPLEMENTATION AND DELIVERY OF A CIRCUIT (CONTROL - POWER) TO START AND OPERATE A MOTOR (STAR – DELTA) CONNECTION

Who Should Attend:

This training programme is suitable to a wide range of professionals but will greatly benefit:

Electrical Engineers, Electrical Technicians, Maintenance Technicians, Electrical Installations

Training Language:

EN / AR

Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation