

# House Wiring/Electrician Training in Kathmandu

[mobiletraininginkathmandunepal.com/house-wiring-electrician-training-in-kathmandu](http://mobiletraininginkathmandunepal.com/house-wiring-electrician-training-in-kathmandu)

March 31, 2020



Universal Technical Institute offers one year training program for those basic to diploma, who want to be get in the profession of Electrician. We provide the complete training on Electrician & after completion of training is awarded to candidates. We also provide the advance facility into the different companies for those students who complete the training successfully. We are one of the leading Electrician training institutes in Kathmandu,Nepal.

The **Electrician training** course is designed to prepare the participant to find entry-level jobs in the electrical trades. It includes both theoretical and hands-on work training and aims to provide the required knowledge on building basic electrical circuits, building consumer units, fabrication techniques, cable types and equipment identification, hand tools familiarization, electrical formulas, inspection and testing, health and safety principles and rules. Electricians install and maintain all of the electrical and power systems for our homes, businesses and factories. They install and maintain the wiring and control equipment through which electricity flows. Electricians generally focus on either construction or maintenance, although many do both.

An Electrician generally works in the field of mechanical and electrical (M & E) systems engineering and energy which includes the installation, maintenance or repair of electrical equipment and a variety of electrical circuits.

## **An Electrician**

- knows how to work with low voltage electrical installations,
- understands the entire work process and the standards required,
- works carefully and responsibly as a recognized electrician and
- he advises customers on the benefits and costs of electrical installations.

The Council for Technical Education and Vocational Training (CTEVT) is based on training and learning at the vocational school, the training company and the practical training center (PTC). PTC provides basic practical knowledge in all areas of the profession and shows how theory can be put into practice. Students will get a certificate as CTEVT certified Electrician when they pass the final exam.

### **Job Placements**

- Electrician assistant
- Assistant electrical inspector
- Assistant superintendent
- Project manager electrical assistant
- House Wirer Helper

## **House Wiring Training in Kathmandu, Nepal**

---

Electrician technology is very important & essential throughout the world. Electricians play a critical role in building development and maintenance. They install and maintain electrical power systems, communication tools, and wiring in residences and businesses. While electrician is generally regarded as an admirable occupation, you have to weigh the pay and benefits against the dangerous attributes of the work. Electricians are responsible for testing, fitting and repairing wiring and circuits and installing new electrical infrastructures. An electrician is a tradesman responsible for the maintenance and installation of electrical wiring and related equipment. Electricians usually work in residential homes, public buildings or offices, ensuring that wires and circuits are safe, repairing faults in the electrics and installing new circuits after building work is complete. In this technology these also three steps, which are most important, They are :

### **1. House Electrician:**

It is very essential for this house hold purpose. Without house electrician not a single domestic work can be performed. Today each and every work is related with the electrical power, which is performed by the house electrician. But house electrician that must be trained and knowledgeable, so that they can do all important and essential work related with electricity.

### **2. Plant/Industrial Electrician:**

The trained and well known technician, knowing all about the electrical work either in Industries or small and big factories, such type of electrician should be so trained, who can solve the problem just after finally the fault in the system. They should e capable to

attend the different types of role like- Auto, Semi auto, CNC, even electronics related jobs and computerized role , can be attended and rectifier the defects.

### **3.Electrical Instrument Engineering:**

This is the important part of the electrical technology. Each and every electrical parameter are controlled by the Instrument Technician. Any depict problem in the instrument line testing, repairing, calibrating and rectifying the faults is the important roll of the technician. Such type of trainee is give in our institute, leave all types of facilities, which is thought by the trained or knowledgeable persons.

## **Electrician Training in Kathmandu,Nepal**

---

House wiring is responsible for setting up, wiring and repairing electrical bulding systems, like in homes and commercial buildings. There are some electrician courses available, as well as other learning materials about topics related to electrical work, that may be interesting for current house electricians or those considering electrician careers. Some of these are courses through online learning platforms, institute or other organizations. There are also written resources available. However, it is important to note that these free courses aren't enough to become an House wiring electrician. To become a journeyman electrician, one generally needs to complete apprenticeships and get licensed in their state; some also attend a trade institute.



### **Course Introduction**

- Basic Electricity

- Matter, Electron flow and Electric current
- Conductors, Resistors & Insulators
- AC and DC Principles
- Electrical Terms and Definition, Ohm's Law
- Electrical Circuit – Series circuit, Parallel circuit and Series-Parallel circuit
- Relationships between voltage, ohms, amperes, three-phase voltage, current and power
- 1-phase and 3-phase power, Star and Delta connections and calculation of values
- Transmission Overview & Transmission equipments
- Major equipment (Transformers, circuit breakers, regulators, air switches)
- Understanding Electrical Symbols and Single Line Diagram
- Equipment identification, Trouble shooting and fault finding.
- Cables and Wiring
- Electrical Measuring Devices and Testing
- Electrical Distribution
- Working with Electrical panels
- Wiring of panels practical, PLC controlled automation model & motor starters.
- Importance of earthing, Types of earthing, Earthing grids in industry

## **Building Electrician Training program**

---

This curricular programme is based on the job required to be performed by a Building Electrician. Therefore, this curriculum is designed to equip trainees with the skills and knowledge on Basic House Wiring. This course intends to provide skills and knowledge on house wiring works related to the occupation. This course deals with concept of wiring, electrical instruments and their application, various calculations, electrical drawing interpretation, symbol identification, design and installation of various pattern of wiring system, repair and replacement of damaged wiring components and installation and connection of earthing electrode.

### **Target Group**

The target group for this training program will be all interested individuals with educational prerequisite of minimum class eight class pass & Minimum of 15 years of age.

### **Certificate**

The related training institute will provide the certificate of “Building Electrician” to those trainees who successfully complete all the requirements as prescribed by the curriculum.

### **Skill Testing**

The graduates who have completion certificate of “Building Electrician” may sit in the skill testing examination of Level one (Level- 1) as provisioned and administered by the National Skill Testing Board.

After completion of training the trainees will be able to:

1. State the concept of electricity.
2. Apply electrical instruments for measuring resistance, voltage, current & power.
3. Identify and interpret electrical symbols and codes.
4. Install and connect accessories, fittings, protective devices and distribution board
5. Install various pattern of wiring system.
6. Install and connect earthing electrode.
7. Repair and replace components of damaged wiring system.
8. Carryout a complete wiring system.
9. Be familiar with occupational health and apply safe working technique.
10. Apply Communication and Small Enterprise Development skills.

### **Industrial Electrician Training program**

---

Are you thinking of working as an Industrial Electrician (IE)? To be successful, you'll need to complete industrial electrician training from one of the Universal institutes. They will provide you with the professional knowledge and advanced skills you'll need. The Industrial electrician course is designed to provide related training in the electrical trade that will give students the proper coursework in Safety, Electrical Code, Equipment and knowledge of the trade.

**Industrial Electrician** means a person who inspects, installs, tests, troubleshoots, repairs, and services industrial electrical equipment and associated electrical and electronic controls. Service includes calibration and preventative/predictive maintenance. Industrial Electricians are employed by maintenance departments of plants, mines, smelters, oil and gas rigs as well as platforms, mills, shipyards, factories and other industrial establishments. Some are employed by electrical contractors.

Industrial electricians work with a wide range of electrical companies, parts manufacturers, and steel producers. They can work as an independent contractor or for one employer full-time. Industrial electricians may work in a small group with other industrial electricians or work independently. They work under the supervision of a shift supervisor or a plant manager. Electrical contractors and maintenance departments of factories, plants, mines, shipyards, and other manufacturing establishments also employ industrial electricians.

We focus on teaching & fine tuning the practical skills of the students to help them gain employment.

- Get trained at CTEVT (Govt. Nepal) training centre
- Faculty with 22+ years experience in similar field
- Latest tools, equipments & machines
- International quality workshop

---

**Duration of course:** 45 Days

**Minimum qualification of the participant:** At least completed grade 8 (With basic reading and writing ability)

**Medium of instruction:** Nepali,Hindi and English

**Group structure:** 6 participants per group

---

## Location

Universal Electronics Institute,pako mobile bazaar Newroad Kathmandu Tel:01-5346260,9851198723,(ताम्राकार कम्प्लेश अगाडी नेपालको झन्डा भएको घरमा)

Please [click](#) on the map to view details of the location:

Once the course date is confirmed, you just need to book the hotel and buy the bus or air ticket. Once you have reached the Kathmandu buspark or airport, you can take hostel/hotel and the next day you can come over to our premises and take the course. I suggest that you book the hostel because it is just a walking distance to our premises.

If you prefer to take a bus from the buspark to Newroad then you need to take a city micro bus. The distance between buspark and newroad is less than 5 km and cost less than Nrs 25. If you can take a taxi from buspark, taxi fares cost about Nrs 250 to Nrs 350/- only.

**Note:** You can place an online booking to reserve a seat.If you have other question please Contact us: Mobile/Viber/Whatsapp **9851198723**

---

## What is the Fee for Electrician Course?

---

Electrician course fee depending upon the type of course, these courses can be pursued by students who have passed minimum 8th class. In cases of many training programs, you don't even need to satisfy minimum educational qualification criteria.This training program can help you get a job quickly. The training will also enable you to become self-employed. In Electrician training programs are job oriented in nature. If you are looking for a short-term course that will help you get a job, this training program will be of help to you. please note that most of the Electrician course will help you get entry level jobs.

- |                                   |           |         |              |
|-----------------------------------|-----------|---------|--------------|
| 1. Building Electrician course    | Level-1/2 | 45 days | Nrs:15,000/- |
| 2. Industrial electricians Course | Level-3   | 60 days | Nrs:20,000/- |
-



**Related Posts:**