

Course: EE01000
**ELECTRICIAN
TECHNICIAN**



Course duration
500 hours

Course Modules

EE01010
**Introduction to
Electrical Engineering**

EE02050
**Electronics
for Electricians**

EE01021
Electrical Machines

EE01030
Electrical Installations

EE01031
**Assembly Electrical
Installations**

EE01032
**Electrical Installations
Design**

GE01010
**General Engineering
Knowledge**

EE01040
**Safety at Work
with Electricity**

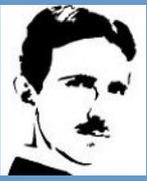
What would our life without electricity ?

Are you able to imagine it ? Lack of electricity means huge difficulties in production, services, trade or communication - in another word it mean - the end of our modern civilized world. Do you want to know how different devices and systems work - think about the profession in Electrical Engineering.

Why is an Electrician Technician a good profession ?

Electrician Technician is prepared for designing and performing repairs of electrical installations as well as machines and devices supplied with electric current. He can find employment in power plants, power systems companies, all industrial companies, mines, steel mills, on railways, in companies repairing electrical equipment, design offices as a structural cabling designer, emergency power systems, companies designing and installing alarm installations. Electrician Technician can also run its own business.





What does an Electrician Technician do ? - Professional tasks



It installs, runs machinery and electrical equipment based on technical documentation. Performs and runs electrical installations based on technical documentation. Evaluates the technical condition of machines, devices and electrical installations after assembly based on measurements. It assembles control, regulation and protection systems for

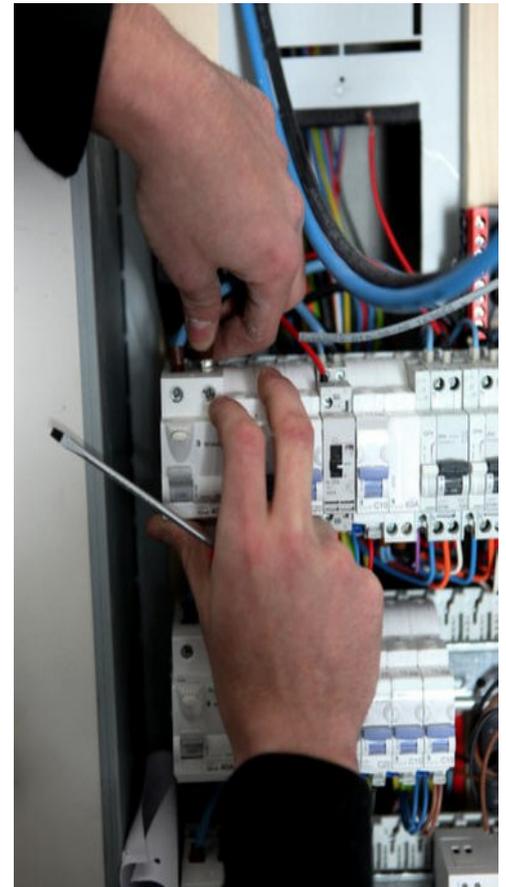
machines and electronic equipment based on technical documentation.

Career

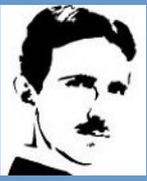
Work is waiting wherever there is electricity. In power plants, mines, steel mills, on railways, in companies repairing electrical equipment, in trade companies dealing in the sale of electrical equipment or in companies designing and assembling alarm installations. You can also run your own business (eg repair of household appliances, electrical installation services).

Work perspectives

An electrician is an attractive and sought-after profession on the job market. In your country and in the world of electrical devices is still coming and does not promise that the electricity will no longer be needed people in everyday life and in the work of the water.



WE CREATE YOUR FUTURE



What yet ?

In TESLA INSTITUTE school model, we focus more on practical knowledge and usable skills in future work. We base on the best experience from German's industry and German's service companies.



We can give you maximum knowledge and more skills in shorter time in comparison to regular and formal colleges.

We will teach you the most basic knowledge, what you really need to be able to do the best work, besides we will teach you the latest knowledge from German industry.

You will acquire knowledge, skills and feel more comfortable working in the international environment. We guarantee that your course of studying and practising will be extremely practical and useful for you. We help you to fulfill your dreams and passions. Help you open the big door for the future of your life. You will be able to study in your own country at a reasonable cost (only 1/25 if you have to go to Germany).

In your country but you will learn and work with a teacher with the expert experience that you really have to respect. Formerly managing Bosch's advanced auto system; Siemens; Teaching German and Finnish technical colleges.

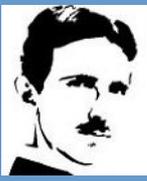
With less expensive tuition fees than your extra classes in Maths and Literature in your local school yet, you will

have access to advanced science and extremely practical to help you stand on your own feet.

We look forward to helping you with your dream. Let us build and develop your knowledge !



WE WILL SAVE YOUR TIME AND MONEY !



How we teach ?

- ✓ Necessary theory lectures
- ✓ Educational videos
- ✓ Practical exercises
- ✓ Experiments in a Virtual Laboratory
- ✓ Actual circuits in Laboratory
- ✓ Actual projects



Specialized laboratories are one of the most important parts in the teaching process of the Electrician Technician profession - they enable the students of our school to gain practical knowledge and skills. Classes are held in small groups of classes, so that it allows students to get acquainted with the studied systems and measuring equipment at the disposal of the laboratory. For the profession of Electrician Technician, our school has specialized laboratories.

Who is this course for ?

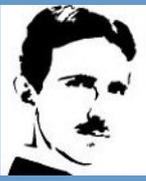
No matter who you are and how old you are. You can be a student of secondary school, high school, university or you can be already an employee, who thinks about a new better job. If you want to get a new profession or change the current one, this course is exactly for you. You do not need any special starting knowledge. We will teach all what you need in it.

But you have to know this course is not for all. You must be a person who likes the technique and is interested in it. You like and want to tinker. You always wanted to know how things work and how they are built. You can think logically and draw correct conclusions. Mathematics and physics did not scare you at school. You like to solve technical problems. If you think that you meet the criteria above, **this course is for you.**

Professional predispositions

The candidate for the profession Automation Technician should have a technical and constructive sense, the ability of abstract thinking, the ability to do science, such as mathematics and physics, good memory. Accuracy and regularity are necessary. Automation Technician must also keep up to date with technical innovations.

Automation Technician should be characterized by meticulousness, patience, ingenuity, creativity. These features are very useful, for example in the creation of machine designs or in the preparation of design concepts.



Check whether this profession is for you



Answer the following questions:

- ✓ Do you like science subjects such as physics and mathematics ?
- ✓ Is the accuracy of your strong point ?
- ✓ Do you like working alone ?
- ✓ Are you an ingenious person ?
- ✓ Are you characterized by perseverance in finding solutions to problems ?
- ✓ Do you like to follow the instructions ?
- ✓ Are you interested in the technique ?
- ✓ Do you like to tinker ?
- ✓ Would you like to work with modern machines and devices ?
- ✓ Is design work, coming up with something new interesting for you ?

Calculation of results

You receive 1 point for each YES answer. Count your points and find out if this is the profession for you.

Scoring 7-10

Your predisposition indicates that this is a profession that you can take into account in your choices.

Scoring 6-4

You can consider this choice, but think about it - there may be professions better suited to your abilities and predispositions.

Scoring 3-0

Work on your skills or talk with a career counselor about which job you would feel best at.

TAKE YOUR NEW FUTURE NOW !