

Electrical Theory & Maintenance Level 3



Course Code:	LNOS28	**Enrolment Fee ~~£442.00~~**
Enrolment Fee:	£442.00	**Enrol today and pay**
Format:	Paper	**only £369.00**
Award:	Level 3	
Accreditation:	NCFE	
Study Time:	80 - 100 Hours	
Experience:	No Entry Requirements	

A Distance Learning Course is the ideal way to gain a qualification without having the worry of trying to fit your studies around your everyday life. You can complete your studies in your own time and we are on hand seven days a week to help you plan your future.

Course Description

If you want to develop your knowledge of Electrical Theory and Maintenance so that you can embark on a rewarding career or maybe you are already working in a related field and want to improve your career prospects, then this is the course for you.

Electrical maintenance is the upkeep and preservation of equipment and systems that supply electricity to a residential, industrial or commercial building.

The Distance Learning **Electrical Theory and Maintenance course** has been developed for those of you who have an interest in this subject and will give you the opportunity to study electrical theory, the physics of electricity, electrical technology, installation and wiring.

This course will also provide detailed guidance on legal regulations, risk assessment and health and safety, all of these being an integral part of carrying out any electrical maintenance work.

Previous Knowledge Required

You do not need any prior learning knowledge or experience to take this course. This course is openly available to anyone who wishes to take part in a highly rewarding home study course, although you would be expected to have a reasonable standard of literacy.

You have the freedom to start the course at any time and continue your studies at your own pace for a period of up to 12 months from initial registration with the full support of your Tutor.

Support

You will receive the entire package of course materials in a single dispatch together with dedicated Tutor Support for 12 months. All assignments are marked by one of our professional Tutors who will offer regular feedback and guide you through your course.

You will be provided with the telephone number for your dedicated Student Support Team who will be available for any other queries that you may have whilst completing your course. You can be assured that you will receive unlimited support for your home study course, so there is no need to struggle or feel isolated during your studies.

Assessment

You must successfully complete a series of activities and assessments. Once all assessments and activities have been completed satisfactorily, you will then be awarded your certificate. The good news is, there is no final exam.

Modules

Unit 1: Regulation, Safe Practice and Effective Working

- Introduction
- Legal responsibilities and regulations
- Intrinsic safety
- Accidents at work
- Electrical safety and isolation
- Types of technical information and documentation
- Overview of roles and responsibilities

Unit 2: Basic Electrical Principles

- Atomic structure
- Electricity
- Current
- Units of measurement in more detail
- Ohm’s Law
- Power
- Resistance
- Capacitance and capacitors
- Circuits
- Cables
- Safe electrical installations and protection

Unit 3: Electrical Systems Documentation, Records and Certificates

- Working safely
- Risk assessment
- Technical information: types and uses
- Removal of waste

Unit 4: Basic Transmission and Distribution Systems

- Power generation
- Transformers
- Substations
- Alternators
- Balancing loads
- Resistance
- Overcurrent

Unit 5: Basic Electrical Technologies 1

- Building regulations
- Power systems
- Types of plugs and sockets
- Telecommunications (voice and data systems)
- Structured cabling

Unit 6: Basic Electrical Technologies 2: Installation and Wiring

- Supply systems
- Lighting and power circuits
- Junction boxes
- Domestic contexts
- Sizing cable
- Enclosures

Awarding Organisation

At the end of this course successful learners will receive a level 3 NCFE Award certificate of achievement. That means that it is independently accredited at a level of learning equivalent to level 3 on The Qualifications and Credit Framework (QCF) for England, Wales and Northern Ireland (where level 2 and 3 courses are similar in difficulty to GCSEs and A Levels, respectively, and where level 4 courses are slightly more challenging than an A-level).

The training courses have been designed specifically to meet the needs of learners who prefer to study from home. The course measurable learning outcomes have been benchmarked at Level 3 (using Ofqual's QCF level descriptors) to allow you to consider the depth of study, difficulty, and level of achievement involved. This course has been accredited under NCFE IIQ Licence by Open Study College which has been approved as an NCFE Investing in Quality (IIQ) centre to give formal recognition to courses.

NCFE is recognised as an Awarding Organisation by the qualification regulators for England, Wales, and Northern Ireland. These are Ofqual (the Office of the Qualifications and Examinations Regulator in England); the Welsh Government and CCEA (the Council for Curriculum, Examinations and Assessment) in Northern Ireland.

LearnNow

Embracing Distance Learning

Enrolment/Instalment Agreement Form

PayPal

Post your completed form to:
Learn Now
Hillhead House
Dartmouth Road
Kingswear
TQ5 0EX

Email: enrolments@learnnow.org.uk

Fax: 08435 240 521

Student Details

Title	First Name	Last Name
Home Tel. No.	Mobile No.	Date of Birth

Email Address

Billing Address – Please provide address card is registered at

Postcode

Delivery Address (if different from above)

Postcode

Course Name	Course Code

Will you be paying in full or by instalments (Please tick ✓) Payment in Full ☐ Instalments ☐

If paying by instalments, please choose method (Please tick ✓) Credit/Debit Card ☐ Paypal ☐

N.B. Not available to International Students

Deposit £	Monthly Instalment £	Term of Instalments
UK Delivery - Free ☐	Delivery to Europe - £40.00 ☐	Delivery to Rest of the World - £65.00 ☐

Payment method for payment in full (Please tick ✓) Credit/Debit Card ☐ Paypal ☐ Cheque ☐

For payment by credit/debit card, complete card details below. If you wish to pay by paypal, you will be sent a link by email to make payment. If you wish to pay by cheque, please attach cheque to this form. Cheques should be made payable to Learn Now

Payment method for payment by instalment plan (Please tick ✓) Credit/Debit Card ☐ Paypal ☐

For payment by credit/debit card, complete card details below. If you wish to pay by paypal, you will be sent an automated link by email to set up your payment schedule.

Credit/Debit Card Details		
Card Number (16 Digits)		Card Type (e.g. Visa, Maestro etc.)
Valid From Date	Expiry Date	Security No. (CSC) – 3 Digits
Issue No.	Please confirm the amount to be taken £	If instalment plan option chosen, initial deposit taken immediately, then first instalment will be taken 30 days following despatch of course and monthly thereafter.
Name as it appears on card (Please Print)		
Address Card is registered at, if different from above Postcode		
I the credit/debit cardholder authorise Learn Now to take payments as indicated above from my credit/debit card. I the student agree to the general terms and conditions of enrolment and the conditions of monthly payments set out in this agreement, if relevant. For full terms and conditions see http://www.learnnow.org.uk/termsconditions.html		
Signature of Cardholder		Date
Signature of Student		Date

Please return the completed and signed agreement to us using one of the following methods:

By Post to:
Learn Now
Hillhead House
Dartmouth Road
Kingswear
TQ5 0EX

By Email: enrolments@learnnow.org.uk

By Fax: +44 (0) 8435 240 521

On receipt of your completed agreement, we will aim to despatch your course within 48 hours. If you choose to pay by instalments, confirmation of your payment dates will be forwarded to you by email.

We look forward to welcoming you to Learn Now and will ensure you receive all the support and guidance you need to succeed in your chosen subject.

Should you have any queries concerning this form, please feel free to Contact our Student Advisors on 01392 581038.