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For full terms & conditions please refer to
www.tradeskills4u.co.uk

Electrical Training Courses & Qualifications

Specialist Electrical Training for New Entrants and Existing Contractors.

Domestic Electrical Installer - Bronze

“ I got exactly what I paid for,
no fuss and I even enjoyed it! ”

Course code TS4U -17

This 17 day course includes all the training you'll need to be a fully qualified Domestic Electrical Installer. With this set of qualifications and skills you can be confident you will be competently equipped to pass your assessment and register with your domestic electrical installer scheme provider and begin undertaking work for your customers.



What's included?

This course package includes 4 courses over 17 days:

5 Day Domestic Installation

Workshop: TS4U-MOD1

This 5 Day Practical Installation Electrical Course will enable you to install everything from the consumer unit to the socket and everything in between, for those with little or no electrical experience. Our most popular course!

4 Day Inspection & Testing City & Guilds 2392-10: TS4U-92

This entry level course is a mix of practical and theory aimed at practicing electrical installers who have not carried out inspection and testing before. It is also suitable for those with limited experience of inspection and testing of electrical installations, such as those domestic installers new to the industry, or those working in allied trades. ie, Plumbers, kitchen fitters, landscape gardeners.

5 Day Part P Domestic Installers

VRQ Qualification: TS4U-PP

This course gives you the knowledge, skills and qualifications to enable you to competently install your domestic electrical work, compliant with Part P of the Building Regulations, this course concludes with an online exam to gain your City & Guilds certificate.

3 Day City & Guilds 2382-10 (17th Edition): TS4U-82

Every practicing electrician must have their wiring regs certificate (17th Edition). This short course is classroom based, with an online test and qualifies you to obtain your 17th Edition wiring regs.

This four course package takes the hassle out of booking and co-ordinating the courses you need to become a fully qualified domestic electrical installer.

Is this course right for me?

This course package is suitable for anyone who wants to become a Domestic Electrical Installer and has little or no electrical installation experience.



If you DO NOT wish the courses to run consecutively then please book by calling us on **01293 529777** rather than booking online.



Book online at www.tlc-direct.co.uk or call us on: 01293 529777 and quote TLC

Domestic Electrical Solar PV Installer City & Guilds 2399

Contact your local TLC branch for course prices
and availability. www.tlc-direct.co.uk



TS4U -23 Green

This 23 day course is structured to allow you, as a new entrant into the electrical industry to become a Solar Panel PV installer and enter what is becoming an exciting new industry.



After successfully completing this course you then have the skills and qualifications to join an MCS (Micro generation Certification Scheme) and a Domestic Installer scheme to install Solar PV (Photovoltaic) Panels under the buyback tariff enterprise.

The electrical courses package comprises of the Bronze 17 day Domestic Electrical Installer Course package TS4U-17 giving you the electrical training, skills and qualifications to become a Domestic Electrical Installer, you then progress onto the Solar PV City & Guilds 2399 qualification, giving you the Solar PV training skills and qualifications to become a Solar PV installer and either work for yourself or one of the many new solar PV installer companies that have sprung up recently that take advantage of the new Buyback tariff opportunities.

This is truly an exciting and new industry. Become one of the first group of people to be ahead of the curve!

What's included?

This course package includes 5 courses over 23 days:

5 Day Domestic Installation Workshop: TS4U-MOD1

This 5 Day Practical Installation Electrical Course will enable you to install everything from the consumer unit to the socket and everything in between, for those with little or no electrical experience. Our most popular course!

4 Day Inspection & Testing City & Guilds 2392-10: TS4U-92

This entry level course is a mix of practical and theory aimed at practicing electrical installers who have not carried out inspection and testing before. It is also suitable for those with limited experience of inspection and testing of electrical installations, such as those domestic installers new to the industry, or those working in allied trades. ie, Plumbers, kitchen fitters, landscape gardeners.

5 Day Part P Domestic Installers VRQ Qualification: TS4U-PP

This course gives you the knowledge, skills and qualifications to enable you to competently install your domestic electrical work, compliant with Part P of the Building Regulations, this course concludes with an online exam to gain your City & Guilds certificate.

3 Day City & Guilds 2382-10 (17th Edition): TS4U-82

Every practicing electrician must have their wiring regs certificate (17th Edition). This short course is classroom based, with an online test and qualifies you to obtain your 17th Edition wiring regs.

7 Day City & Guilds 2399 Solar PV (Photovoltaic) Course TS4U-PV

The only full & proper Solar PV qualification that is available at the moment.

This City & Guilds 2399 Certificate is intended for qualified electricians including recently trained Domestic Installers who want to install grid connected domestic photovoltaic systems that are either integrated into, or retro fitted onto, a domestic property. A full theory, installation and commissioning course.

IMPORTANT BOOKING INFORMATION

If you book online, you will be booking the courses to run consecutively. However, you need not do the courses in one continuous 23 day period if you do not wish to.

We recognise that many people cannot commit to 23 days training in one continuous period, so we enable you to arrange attending the 5 different courses at dates that suit your personal circumstances.

However you will need to book all four at the same time to qualify for the discounted price.

What's included?

To encourage you to take the relevant electrical courses you need, we put together the right courses package required to become a qualified & competent Domestic Electrical Installer, and Solar PV installer then we discounted the price.

How long is the course?

23 Days training - you are able to arrange start dates of the component courses to suit your requirements.

Reference Books.

Prior to attending your course you will need to buy reference books to refer to. Your confirmation letter will contain the particulars of the reference books you need. They of course will be useful to you when undertaking electrical work after you have qualified.



If you DO NOT wish the courses to run consecutively then please book by calling us on **01293 529777** rather than booking online.



Book online at www.tlc-direct.co.uk or call us on: 01293 529777 and quote TLC

Domestic Electrical Installer - Silver

“ Fantastic facility,
fantastic administration and instruction. ”

Course code TS4U -25

As per the TS4U-17 now with the addition of the Science workshop, PAT testing and data cabling for those intending to progress beyond basic domestic electrical installer onto Portable appliance testing for landlords, and progress to undertaking work in commercial premises such as offices, shops and factories.



What's included?

This course package includes 7 courses over 25 days:

5 Day Domestic Installation Workshop: TS4U-MOD1

This 5 Day Practical Installation Electrical Course will enable you to install everything from the consumer unit to the socket and everything in between, for those with little or no electrical experience. Our most popular course!

5 Day Principles of Electro Technology: TS4U-MOD2

This science module gives you the in-depth knowledge to fully understand how and why electrical systems works, which is essential when considering progression onto PAT testing and Inspection and testing City and Guilds 2391-10 and other short courses.

4 Day City & Guilds 2392-10 Inspection & Testing: TS4U-92

This entry level course is a mix of practical and theory aimed at practicing electrical installers who have not carried out inspection and testing before. It is also suitable for those with limited experience of inspection and testing of electrical installations, such as those domestic installers new to the industry, or those working in allied trades. ie, Plumbers, kitchen fitters, landscape gardeners.

5 Day Part P Domestic Installers VRQ Qualification: TS4U-PP

This course gives you the knowledge, skills and qualifications to enable you to competently install your domestic electrical work, compliant with Part P of the Building Regulations, this course concludes with an online exam to gain your City & Guilds certificate.

3 Day City & Guilds 2382-10 (17th Edition): TS4U-82

Every practicing electrician must have their wiring regs certificate (17th Edition). This short course is classroom based, with an online test and qualifies you to obtain your 17th Edition wiring regs.

2 Day City & Guilds 2377-12 & 2377-11 PAT Testing Course: TS4U-772

These qualifications enable you to manage PAT testing and undertake PAT testing. Our workshops include both a theory and practical elements; we cover everything necessary to successfully achieve your qualifications and give you skills to undertake PAT testing tasks.

1 Day Data Cabling Course: TS4U-DC

Our data cabling course covers, Termination, crimping, Cat 5 and 6 differences, relevancy, patch panels, backbone setup, RJ45 connectors and sockets, data cabinets, how systems work, Telephone systems, networking systems and relevant Regulations all done in a mix of classroom and workshop.



If you DO NOT wish the courses to run consecutively then please book by calling us on **01293 529777** rather than booking online.



Book online at www.tlc-direct.co.uk or call us on: 01293 529777 and quote TLC

Domestic Electrical Installer - Gold

Contact your local TLC branch for course prices and availability. www.tlc-direct.co.uk



Course code TS4U -30

The complete package for those wishing to become a Domestic Electrical Installer. As per the TS4U-25 Silver with the addition of the City & Guilds 2391-10 Inspection and Testing Qualification.



This course gives you the required Domestic Installer qualifications and skills with the addition of the courses required for the progression onto becoming a contractor and being able to undertake work and periodic testing in domestic & commercial situations, like shops, offices, factories, local authorities and rental landlords.

With the Electro technical Science, Pat testing and Inspection and testing courses, you're adding more knowledge to your skills set, extra services for your customers and a useful set of revenue streams for your business.

What's included?

This course package includes 8 courses over 30 days:

5 Day Domestic Installation Workshop: TS4U-MOD1

This 5 Day Practical Installation Electrical Course will enable you to install everything from the consumer unit to the socket and everything in between, for those with little or no electrical experience. Our most popular course!

5 Day Principles of Electro Technology: TS4U-MOD2

This science module gives you the in-depth knowledge to fully understand how and why electrical systems works, which is essential when considering progression onto PAT testing and Inspection and testing City and Guilds 2391-10 and other short courses.

4 Day City & Guilds 2392-10 Testing & Inspection: TS4U-92

This entry level course is a mix of practical and theory aimed at practicing electrical installers who have not carried out inspection and testing before. It is also suitable for those with limited experience of inspection and testing of electrical installations, such as those domestic installers new to the industry, or those working in allied trades. ie, Plumbers, kitchen fitters, landscape gardeners.

5 Day Part P Domestic Installers VRQ Qualification: TS4U-PP

This course gives you the knowledge, skills and qualifications to enable you to competently install your domestic electrical work, compliant with Part P of the Building Regulations, this course concludes with an online exam to gain your City & Guilds certificate.

3 Day City & Guilds 2382-10 (17th Edition): TS4U-82

Every practicing electrician must have their wiring regs certificate (17th Edition). This short course is classroom based, with an online test and qualifies you to obtain your 17th Edition wiring regs.

2 Day City & Guilds 2377-12 & 2377-11 PAT Testing Course: TS4U-772

These qualifications enable you to manage PAT testing and undertake PAT testing. Our workshops include both a theory and practical elements; we cover everything necessary to successfully achieve your qualifications and give you skills to undertake PAT testing tasks.

1 Day Data Cabling Course: TS4U-DC

Our data cabling course covers, Termination, crimping, Cat 5 and 6 differences, relevancy,

patch panels, backbone setup, RJ45 connectors and sockets, data cabinets, how systems work, Telephone systems, networking systems and relevant Regulations all done in a mix of classroom and workshop.

5 Day City and Guilds 2391-10 Inspection and Testing Course: TS4U-91

Advanced level. This electrical course is theory based and is intended for the personnel in electrical contracting companies who have responsibility for the quality of the design, specification, installation and inspection and testing processes. It addresses, in particular the implications of the wiring regulations for electrical installations. Its particular importance is that you can then undertake Periodic Inspections.

This eight course package takes the hassle out of booking and co-ordinating the courses you need to become a domestic electrical Installer.



If you book online, you will be booking the courses to run consecutively. However, you need not do the courses in one continuous 30 day period if you do not wish to.



Book online at www.tlc-direct.co.uk or call us on: 01293 529777 and quote TLC

17th Edition Updated Course City & Guilds 2382

Course code TS4U-822

This 1 day update course is for those electricians who already have their 16th Editions Regulations.

An intensive one day update course that brings you up to current 17th Edition regulations.



Suitability

This course and qualification is suitable for practising electricians, domestic electrical installers, contract managers, allied trades and other related trades with a good working knowledge of 16th Edition Wiring regs, who have already achieved the City & Guilds Certificate 16th Edition (BS 7671: 2001) (2381) or recognized equivalent to the City & Guilds 2381 since June 2001.

You only need to update your knowledge and attend our 1 day course and take the online test. This updated qualification is called the 2382-20.

If your 2381 qualification was obtained prior to June 2001 you will need to attend the full 3 Day 2382 -10 course and take the online test.

Electrical multimeter as used on our City & Guilds 2382 17th Edition Update Course

This course aims to update delegates on the significant differences between the 16th and 17th editions. It will, therefore, focus on the main additions and alterations that have been incorporated in the BS 7671 2008 (17th) edition.

It is intended to ensure that they are conversant with the format, content and the application of the current edition of the Requirements for Electrical Installations BS 7671: 2008 (17th edition). It should be noted that limited instruction will be provided on existing requirements and electrical science.

Course Content

There are eight units making up the course relating to Parts 1-7 and the Appendices of BS 7671:2008:

- Scope, object and fundamental principles
- Definitions
- Assessment of general characteristics
- Protection for safety
- Selection and erection of equipment
- Inspection and testing
- Special installations or locations
- Appendices



17th Edition Wiring Regs City & Guilds 2382

Course code TS4U-821

Get qualified for the latest IEE wiring regulations with our 3 day City and Guilds 2382-10, 17th Edition Training Course.



The 17th Edition training course is primarily aimed at practising electricians with relevant experience, domestic electrical installers and other allied professionals e.g. electrical engineers, contracts managers, designers, consultants, surveyors, and other related trades needing to update and enhance their understanding of IEE Wiring Regulations.

It may also be suitable for anyone requiring an understanding of BS 7671(17th Edition regs), although prior knowledge in basic electrical science is useful.

It is intended to ensure that on completion individuals are conversant with the format, content and the application of the Requirements for Electrical Installations BS 7671: 2008 (17th edition).

Updating from 16th Edition with 17th Edition Courses

The new City and Guilds 2382 wiring regulations don't differ hugely from the 16th edition regulations, and those who have had the current 16th Edition since June 2001 will simply have to have a quick 1 day 17th Edition Update Course to obtain the qualification.

Approach to the Course and Assessment

The course consists of classroom instruction and culminates in a multiple choice online

test covering the underpinning knowledge relating to the content and application of BS 7671 17th Edition.

The exam is 'open book', meaning during the two hour exam you will be able to refer to the 17th edition book.

Course Content

There are eight units making up the course relating to Parts 1-7 and the Appendices of BS 7671:2008: Scope, object and fundamental principles.

- Definitions
- Assessment of general characteristics
- Protection for safety
- Selection and erection of equipment
- Inspection and testing
- Special installations or locations
- Appendices

Entry Requirements

There are no formal entry requirements for candidates undertaking this qualification. However, centres must ensure that candidates have the potential and opportunity to successfully gain the qualification. It is expected that candidates will have basic knowledge of electrical science.

PAT Testing Course

City & Guilds 2377-12 & 2377-11

Course code TS4U-77

Every commercial electrical appliance needs PAT testing. This potentially lucrative qualification is an economic necessity for any practising and entrepreneurial electrical professional.



Two qualifications, taken together to give you the best possible return on your time and investment. Most candidates use the advantage of taking the two together. You must not be able to take the 2377-12, without first having.

This course option includes both the City & Guilds 2377-12 Operators Registration and Examination and the City & Guilds 2377-11 Management Qualification. If you are looking to only undertake the Operators Registration & Examination 2377-12 you should choose the 2377-12 course only

These two day 'practical' course in our workshop/classroom covers everything necessary to successfully achieve the City and Guilds certifications. The courses include both a theory element and practical elements.

Course Content Option 2377-12

- Electrical Safety
- Regulations role and responsibilities
- Insulation and earthing
- Classification of appliances
- Preliminary Inspection, test precautions
- Using a Portable Appliance Tester
- Essential tests
- Optional tests
- Labeling tests
- Reporting and recording results

- Implementing a test programme
- Practical Assessment

Course Content Optional extra 2377-11

Law and scope of relevant legislation

Types, use and testing of electrical equipment.

Categories, frequency and practicalities of PAT testing

Procedures, documentation and user responsibility

Identify training required for PAT testing

Appropriate test instruments and how they are use

Exams

The 2377-12 PAT Testing exam consists of 30 questions with a time limit of 1 hour. This exam will be conducted at our centre in a comfortable environment.

Exam 2377-11 PAT Testing exam consists of 45 questions with a time limit of 90 minutes. It follows completion of the 2377-12 exam.

We suggest you Pre-read these books below.

The reference book 'Codes of Practice for In-Service Inspection and Testing of Electrical Equipment' 3rd Edition ISBN Number 978-0-86341-833-4 is required for this course.

This book is available from www.theiet.org or good electrical suppliers, copies are also available for sale at our centre.

Initial Inspection & Testing

City & Guilds 2392

Course code TS4U-92

This Initial Inspection & testing course has been designed and developed by the electrical industry and City & Guilds specifically for the Domestic Electrical Installer or those many existing contractors new or unfamiliar to inspection and testing. It's a 'must have' if your goal is to register under the Domestic Installer scheme.



Why should I do this course/qualification?

Testing and Inspection is often a difficult subject for even the most experienced of electricians. The City and Guilds 2392 Inspection and testing qualification, not only demystifies testing, it also provides you with a qualification and certificate to show you are competent to undertake the work.

It's a very essential skill and qualification to have for anyone undertaking electrical installations.

Course Content

- Preparation for initial inspection and testing
- Electrical Inspection & Testing
- Training is use of multi function testing meters
- Safe isolation procedures and equipment
- Inspection & testing documentation
- Continuity of Protective Conductors
- Continuity of Ring final circuit conductors
- Insulation Resistance
- Protection by SELV
- Polarity
- Earth Electrode Resistance

- Earth fault loop impedance
- RCD testing
- Prospective fault current
- Verification of volt drop.

Entry Requirements

There are no formal entry requirements for this qualification. However we must ensure that all our candidates have the potential and opportunity to successfully gain this qualification.

It would be expected that candidates have a basic knowledge and understanding of electrical science and principles and experience of electrical installation either within the electrical industry or allied trade.

This qualification is not approved for use by candidates under the age of 18. City and Guilds will not accept any registrations for candidates under this age.

It is essential that you have the following books as reference material:

- Guidance Note 3: Inspection and Testing (Guidance Notes for BS 7671) (Paperback) ISBN-13: 978-0863418570
- IEE On-site Guide; BS 7671 : 2008 IEE Wiring Regulations 17th Edition (Spiral-bound) ISBN-13: 978-0863418549

Inspection & Testing City & Guilds 2391-10

Course code TS4U-911

This industry qualification is required for the electrical installer who wishes to enter the profitable sector of commercial electrical installations.



This 4 day electrical course covers the requirements of BS7671 for Inspection, Testing and Certification.

The examination date and time is set by City and Guilds. The course runs from Monday to Thursday with the exam taking place the following Thursday.

This is to enable you to get the most benefit out of the course and enough time to deal with any learning issues that should arise.

Recommended Reading

- IEE Wiring Regulations 17th Edition ISBN 086341844 0
- IEE Onsite Guide ISBN 086341854 9
- Guidance Note 3 Inspection & Testing ISBN 086341857 0

All of the above books can be purchased direct from IET Website or Tradeskills4u

Entry Requirements

The 2391 Qualification is intended for personnel working in the electrical industry.

Course Content

- Introduction to Inspection & Testing
- Testing Equipment

- Order of Tests
- Continuity of protective conductors
- Insulation resistance tests
- Polarity and Earth electrode tests
- Earth fault loop impedance tests
- RCD tests
- Rarely used tests & IP ratings
- Recording of results
- Using Guidance Note 3
- Exam Preparation

Exam & Assessment

In order to gain the 2391 Level 3 Certificate in Inspection, Testing and Certification of electrical installations candidates must complete each of the following:-

- 2391-101 Inspection, Testing & Certification of electrical installations (2 hours 30 minutes written exam)
- 2391-102 Practical application of the inspection, testing & certification of electrical installations (Half day practical assessment)

Successful candidates then move on to:

2391 Practical Pre Assessment Day

Course code TS4U-Pre91

A one day course specially tailored for those about to undertake the 2391-10 practical assessment. This course will give you advice and guidance to achieve exam success.



These tips, along with the thought provoking questions posed, will enable you to have the best possible chance of successfully passing this assessment.

Course content:

- Inspection procedures
- Isolation
- Test procedures
- Test applicable to three phase systems
- Tests applicable to a Periodic Inspection
- Verification of results
- Completion of documentation

Text books required:

- BS7671:2008 – Requirements for Electrical Installations (ISBN: 978 0 86341 844 0)
- IEE Guidance Note 3 – Inspection and Testing (ISBN: 978 0 86341 857 0)
- On-Site Guide (BS 7671:2008 Wiring Regulations, 17th Edition) (ISBN: 978 086341 854 9)



Solar PV Installation Course

City & Guilds 2399

Contact your local TLC branch for course prices and availability. www.tlc-direct.co.uk



Course code TS4U-PV

The Solar PV industry has suddenly come to life! with Buy back tariffs and many installation companies offering free installation deals, qualified PV installers are in great demand and the jobs are there. This course addresses that demand, and coupled with electrical experience or electrical training of the sort we offer, you can get involved.



You can become a Solar PV Installer, here's how.

This City & Guilds 2399 Certificate is intended for qualified electricians including recently trained Domestic Installers who want to install grid connected domestic photovoltaic systems that are either integrated into, or retro fitted onto, a domestic property.

This is a training course, we show you how to do it and give you the qualification to prove your competency. To install grid connected equipment, you will have to join a (MCS) Micro Generation Scheme.

It is expected that candidates will be practicing electricians or domestic installers and have appropriate qualifications related to electrical installation, knowledge of the IEE Wiring Regulations 17th edition and inspection and testing qualifications i.e the City & Guilds 2392.

The Tradeskills4U career package TS4U-17 Bronze package is the minimum you would require.

The qualification is designed to offer specific skills and knowledge to candidates to ensure they are conversant with the Regulations and Codes of Practice related to Solar PV systems.

The Department of Trade and Industry (DTI) supports the recognition of qualified personnel within this initiative and sees PV systems as an essential part of the Government energy policy.

This qualification has been designed by City & Guilds to support Government initiatives in respect of providing training and assessment to support a competent workforce to meet the expected high growth in relation to renewable energy sources.

The award is made of two units.

The first unit describes the underpinning knowledge that is required to understand the theory behind PV systems, related Regulations, safety requirements and installation and testing.

The second unit is concerned with the application of practical skills in carrying out installation and testing.

The topics covered during the course include the following:

- We train you on real life scenarios, on properly constructed roofs, erected scaffolding, using working at heights kit including harnesses and manual handling equipment.
- Photovoltaic systems, real solar panels!
- Standards and Regulations/Guidelines and Codes of Practice
- Safety, scaffolding and harness equipment
- PV system components
- Working at Heights
- Installations, fitting panels to a roof, roofing construction and differing tile types.
- Commissioning and testing, connecting to the grid.
- Customer care, the science and the advice to give to your customer to ensure a properly working and efficient installation.
- Course certification is awarded upon successful completion of both the written and practical assessments, this certificate can then be used as evidence of your training and ability to install and commission PV systems.
- **With this qualification together with your electrical experience and qualifications will enable you to join a Microgeneration Certification Scheme (MCS) operated by organisations like NICEIC, LOGIC etc.**



Emergency Lighting Course

Course code TS4U-EL

A two day course covering the design, installation, commissioning, testing and certification of emergency lighting systems as well as legislative and standards requirements including ongoing operation of the systems.



Emergency Lighting Course

This short course for those with electrical installation experience is designed to give you the ability and skills to design and install an emergency lighting system, knowledge of the current regulations, then testing and commissioning of the installation.

The course covers the legal requirements as well as the requirements of BS 5266-1, BS 5266-7 & BS5266-8.

Emergency Lighting Course Content:

- Design
- Locations of lights Illumination levels
- Glare index
- Types of emergency luminaire
- Requirements for safety signs

- Design exercise Installation
- Wiring Systems
- Labelling
- Practical Exercise

Operation

- Testing and Commissioning
- Certification and log books
- Servicing

Assessment:

- A practical installation exercise
- A practical design exercise

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Fire Alarms Installation Course

Course code TS4U-FA

Another service you can provide to your customers, a useful addition to your skills portfolio and another lucrative revenue stream for the jobbing contractor.



This two day course is based upon safety standards BS 5839:1, BS 5839:6.

When as a contractor you're called upon to fit a fire alarm system into a building, usually a commercial building, not only will it be necessary to install the equipment correctly, the system will need to be designed correctly to be effective. There's a little bit more to it than reading the instructions on the box, especially when your reputation is on the line. Do it competently and with confidence with the help of proper training on this course.

Fire alarm systems are essential for the safety of life and/or property.

In general, it is appropriate to install some form of fire alarm system in virtually all buildings, except very small relatively open planned buildings. The initiation of alarm

can be either manual or automatic, or a combination of both, as is usually the case.

The level of cover required by a building is based upon a fire risk assessment and a suitable system selected to meet this need.

The course provides the necessary information to design, construct and commission a non-addressable fire alarm system to BS 5839.

Certificate

Candidates will be awarded a TS4U certificate of achievement.



We're the training choice of the professional Electrician



Domestic Burglar Alarm Course

Course code TS4U-BA

This one day course covers the theory and design of domestic burglar alarm systems, allowing you to confidently install the correct equipment and minimise faults and false alarms.



Domestic Burglar Alarm Course Content

Obviously there are many burglar alarm systems on the market and we can't show you them all, but there are many disciplines and practices that are relevant for every alarm system, and that's the point of this course. Whatever system you choose for your customer, your ability to install and commission it correctly will be much improved and less reliant on complicated and contradictory instruction manuals.

- Burglar alarm system, theory, including design
- Practical workshop constructing a simple domestic burglar alarm system.
- Commissioning and testing the burglar alarm system

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Metallic Conduit Installation Course

Course code TS4U-MC

Metal conduit is used in many industrial and commercial installations to protect cable and wiring against mechanical stresses. To install this equipment correctly and per regulations is essential to keep costs and time to a minimum, proper training is the key to achieve efficiency on this one. Using this course helps you in this goal.



Why should I take this course ?

In order to avoid material wastage, incorrect practices and time wastage, training enables you or your staff to adopt best practices avoids all the costly pitfalls usually seen on site with untrained installers.

A practical short course which gives you the skills to successfully install black enamel and galvanised conduit systems, much used in commercial installations or outbuildings in domestic circumstances. Using pipe bending apparatus, accurate measuring, design techniques and good practice, ensure

this course is a worthwhile addition to the contractors skill-set.

Included on course:

- Pipe bending tools
- Bending tips
- Accurate measuring techniques
- Threading and joint boxes

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Trunking, Conduit and Wiring Systems Installation Course

Course code TS4U-TC

A two day course covering the waste less management of metal and plastic trunking and conduit for wiring systems.



This entirely practical course combines the Metal Conduit Course together with PVC Conduit, Plastic Trunking skills training and pre-wired busbar trunking systems.

Importantly it also includes skills training of the Wiring systems and techniques associated with single core wiring methods typically seen in industrial and commercial situations where termination and wiring methods differ greatly from the typical twin core and earth cables seen in domestic installations. It is also often and increasingly used in the delivery of data cables within office or warehouse and factory environments.

Black metallic enamel & plastic conduit and trunking is used in many industrial and commercial installations to protect and organise cable and wiring against mechanical stresses.

In order to avoid material wastage, incorrect practices and time wastage, taking training enables you or your staff to adopt best practices avoids all the costly pitfalls usually seen on site with untrained installers.

Plastic Trunking is installed in almost all office situations and non cable wiring systems are often adopted.

This short 2 day course which gives you the skills to successfully install this equipment so much used in commercial installations or outbuildings and garages in domestic circumstances.

Using pipe bending apparatus, accurate measuring, design techniques and good practice, ensure this course is a worthwhile financial addition to the contractors skill-set. Skills ensure you're competent when using in commercial or domestic installations.

What's included in this course?

- Pipe bending tools both metal and plastic
- Bending techniques
- Accurate measuring techniques
- Threading and joint boxes
- Fitting and support systems
- Cutting and fitting methods
- Single core wiring methods
- Design techniques

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Electricity at Work Regulations Course

Course code TS4U-EW

A 1 Day course which provides an insight into the use and application of the EAW Regulations 1989, to make the candidate aware of their duties under these regulations and the duties imposed on employers and employees.



This course would be particularly useful for Facilities maintenance people, existing electrical contractors, Health and Safety officers amongst many others.

What makes a person legally competent to do electrical work? In what way is the requirement for competency in electrical work more stringent than for other types of work? Who is responsible for ensuring that electrical tasks at work are carried out correctly? When is it legally permissible to work on live system? These are just some of the questions dealt with on this informative course – essential for all electrical engineers, electricians, supervisors – indeed anyone who works with electricity.

Course Objectives

On completion of the course, participants will have a thorough understanding of the current legal requirements regarding

- The concept of 'duty holder'
- Electrical systems, work activities and protective equipment
- The strength and capabilities of electrical equipment

- Electrical equipment in adverse or hazardous environments
- The provision of insulation, barriers, etc.
- Earthing, bonding and other means of protection
- The integrity of referenced conductors
- Suitability of electrical connections
- Protection from overload and short-circuit currents
- Disconnection and isolation of circuits
- Precautions for safe isolation
- Working live
- Working space, access and lighting
- The concept of 'competence' in electrical work.

Certificate

Candidates will be awarded a TS4U certificate of achievement.



CCTV Installation Course

Course code TS4U-TV

This course is for all those that require a working knowledge of CCTV system requirements. A specialist service well within the capabilities of a jobbing electrician.



The aim of this course is to provide delegates with an in-depth knowledge and understanding of CCTV basics. Upon successful completion of this course delegates will have the confidence and expertise to install a CCTV system.

Why do a CCTV Course?

CCTV installation is a growing industry and sometimes perceived as specialist and yet its well within the capability of any electrical contractor. With a short course like this, you will be able to install most CCTV systems no matter what system type you use.

Course content:

- Basic principles of CCTV systems
- Choice and selection of equipment
- Installation requirements
- Fault diagnosis
- Legal and privacy issues

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Completion of Inspection and Testing Documentation

Course code TS4U-cert

Not sure which certificates to use? Not sure whether or not the paperwork is completed correctly? Ever wondered what all the entries on the Schedule of Inspections means?



This short course provides the necessary knowledge and skills to enable anyone responsible for providing certification for electrical installation work, to select and correctly complete the appropriate documentation.

This course is suitable for those carrying out Inspection and Testing, overseeing electrical work or anyone who requires knowledge of what the certificate entries mean.

This course consists of classroom instruction interjected with practical scenario based exercises to reinforce and assess learning.

Course content:

- Why certification is required
- Types of inspection and testing
- Which documentation to use and when
- Completion of the Electrical Installation Certificate
- Completion of the Minor Electrical Installation Works Certificate
- Completion of the Periodic Inspection Report For An Electrical Installation
- Completion of the Schedule of Inspections
- Completion of the Schedule of Test Results
- Traceability

Text books required:

- BS7671:2008 – Requirements for Electrical Installations (ISBN: 978 0 863418440)
- On-Site Guide (BS 7671:2008 Wiring Regulations, 17th Edition) (ISBN: 978-086341-854-9)

Why take this course?

Your installation can be superb, but if the paperwork's incorrect it leaves you open to the accusation the installation was not compliant to regulations, so the paperwork is just as important and you're not alone, many contractors are weak in this area and given the many differing versions, is it a wonder? Certificates and report books are confusing and certainly wouldn't win any plain writing awards, but don't worry, we have the solution, this course will help you do it right, we're experts at paperwork!



Data Cabling and Structured Wiring

“ The instructor was excellent – put things across well and was always patient with me. ”

Course code TS4U-DC

Modern buildings often have a requirement for structured wiring systems to support voice and data applications. Correct installation and termination techniques are vital for an installation to be installed quickly, professionally and in compliance with the industry standards.



The course is a mixture of theory, worked examples, practical demonstration and hands on exercises that are used to relate theory to real world scenarios. Upon completion of this course delegates will be equipped with the skills to confidently and successfully install and test a structured wiring system.

Why would this course help me?

Data Cabling and Structured wiring is not the sort of thing company maintenance or IT staff can generally undertake simply because it crosses a number of technical disciplines, and requires some training to be installed correctly, therefore a contractor who offers such services will find they will be in great demand.

Course content:

- What is structured wiring
- Which standards apply
- Lan topology
- Cat 3, Cat 5e Cat 6 systems
- Installation techniques
- Cable termination
- System testing

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Door Entry Systems Installation Course

Course code TS4U-DE

A short course provides the knowledge and skills to enable you to successfully plan, install, test and fault find both audio and video door entry systems. It deals with both audio and video door entry systems, 2 core and 4 core systems, multiple dwelling systems and types of door locks and releases.



Why door entry systems training?

Most commercial building have some sort of door entry system, many have complicated network systems involving the telephone system, so its much more than simply an electrical installation job.

This course deals with both audio and video door entry systems, 2 core and 4 core systems, multiple dwelling systems and types of door locks and releases.

This course is a blend of theory and a practical workshop where skills learnt in theory can be put into practice.

Course content:

- Types of system available
- Equipment available
- Regulations and safety considerations
- System planning
- Installation
- Testing and fault finding

Certificate

Candidates will be awarded a TS4U certificate of achievement.



External Wiring Course

Course code TS4U-Ext

Special considerations are necessary when installing cable and equipment outside. To fit external equipment involves working to strict regulations and proper practices to avoid obvious dangers and a durable installation.



Why this course?

Of all the courses we offer, this subject is one of the most important when it comes to safety standards and the need to do the job right.

External wiring covers anything from lighting, to gate automation to water features, the list is endless and the kit you use is specialist and requires proper knowledge.

Who might benefit from this course?

To name a few!

- Auto Gate Installers
- Landscape gardeners
- Garage builders
- Swimming pool Installers
- Exterior Lighting installers and many more!

The harsh environment as well as contact with the ground means that correct choice and installation are imperative to achieve a safe installation.

This short course is a mixture of theory and practical and is suitable for anyone carrying out electrical work external to the premises. Upon completion of this course you will have

the knowledge, the skills and the confidence to successfully and safely, install cable and accessories external to the property.

Course content:

- Requirements of IEE Wiring Regulations and the Building Regulations
- External influences
- Selection of suitable cable
- Termination of cables
- Selection of suitable equipment
- Methods of jointing cables and materials available
- Burying of cables in the ground
- Protection for safety of external cable and equipment
- Documentation

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Part P Domestic Electrical Installers Course

“ I now have very good skills and look forward to putting them into practice. ”

Course code TS4U-PP

To undertake domestic electrical installation work competently and compliant to Part P building regs you will need knowledge and skills that this course will give you, together with the relevant qualification. This course forms part of our Domestic electrical installer packages.



Our 5 day VRQ Part P Courses will bring you right up to the required safety & legal standards, enabling you to competently install your domestic electrical work, compliant with Building Regulations Part P.

After gaining your City & Guilds VRQ Certificate in the Building Regulations for electrical installations in dwellings on the Part P electrical course with Trade Skills 4U, you are able to register to become a competent domestic electrical installer, with the ability to install, inspect, test and certify your work.

To register with a Competent Person Self-Certification Scheme such as NICEIC, NAPIT or ELECSA, you will be expected to be competent and have had training in Part P building regs, with these skills and qualifications and subsequent registration you can self-certify your installation work and provide your customers with a Part P compliant certificate.

Part P Electrical Course Content

- Applicable Building Regulations
- Electrical Safety legislation, regulations standards and terminology
- Pre work survey/inspection
- Safe isolation procedures
- Identification of unsafe electrical situations
- Earthing and bonding requirements
- Electrical test procedures
- Cable and component selection
- Installation and replacement of electrical components
- Checking the correct and safe operation of installed electrical components
- Recording of electrical test results and completion of certification
- Installing and/or rerouting cables
- Special Locations
- New circuit requirements
- Installing Domestic Lighting Circuits
- Maintaining Domestic Electrical Installations
- Basic Understanding of 3 Phase Supplies

This course concludes with an online test to obtain your City & Guilds qualification.



'Stunning'

Our pass rates are the highest in the industry, our training centre is the best-equipped and our trainers are supportive and helpful.

So what are you waiting for?

Domestic Installation Workshop

Course code TS4U-MOD1

Practical installation course enabling you to install everything from the consumer unit to the socket and everything in between, for those with little or no electrical experience. Our most popular course and is the first element of our TS4U-17 package!



This is a practical training course that provides the foundation knowledge prior to undertaking the Part P Domestic Electrical Installers VRQ: TS4U-PP qualification.

Over the years that we have been providing electrical training we've found that many people who enrol on our Part P and 17th Edition courses lack the basic electrical installation knowledge that will ensure they get the most from these intensive courses.

With that in mind, we've created this special 5 Day Domestic Installation course to take you from having little or no electrical experience through to having the essential grounding and knowledge you'll need to build an electrical career - and to pass the assessments and tests in later courses.

Covering the practical skills and theory in workshop and classroom you need, this is the best possible way of bringing you up to scratch in a friendly and supportive environment - and opening the doors to a new career.

5 Day Domestic Electrical Installation Workshop Content

Learn about...

- Ring main circuits (sockets)
- Basic lighting circuits
- 2 way lighting circuits
- 2 way lighting and intermediate circuits
- Radial power circuits (cooker points etc)
- Earthing and bonding procedures
- Zoning and selection of equipment
- Selecting cable sizes and calculating load demands
- Introduction to electrical regulations
- Health & safety
- Safe Isolation procedures
- Identifying Three Phase Systems
- Electrical calculations

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Principles of Electro Technology

Course code TS4U-MOD2

This science workshop gives you the foundation knowledge to fully understand how and why electrical systems works, which is essential when considering progression onto City and Guilds 2391 Inspection and Testing and other contractor short courses.



Knowledge of electrical science is essential when progressing onto Solar PV, 2391 and other contractors courses where a deeper understanding is required.

Fundamentals of electricity:

- Electron theory including atomic elements and free electrons
- Charge and attraction
- Coulomb's Law
- Conductors, Insulators and Semiconductors
- Current
- Voltage
- Resistance
- Electrical symbols and mathematical prefixes.

Simple electrical circuit theory:

- Ohm's Law
- Using digital multimeters to measure resistance, voltage and current
- Practical workshop including the building a simple electrical circuits calculating the expected value of current and measuring the actual resistance, voltage and current
- DC series circuits, this follows the theory then practical route
- DC parallel circuits, again this follows the theory then practical route reinforcing the use of previously learnt techniques.
- DC series - parallel circuits, following the same pattern as the previous day

- Power, solving power problems using power formulae
- Magnetism
- Electromagnetism and electromagnets.

AC Theory

- Introduction to AC, sine waves, single and 3 phase supplies
- AC generation
- Frequency
- Voltage and current, peak, instantaneous and RMS values
- Relationship between line and phase voltage in a 3 phase system
- Transformer theory, calculation and practical.
- Capacitance theory, calculation and practical
- Inductance theory, calculation and practical
- Impedance theory, and calculation of circuit impedance.

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Business Start Up Course

Contact your local TLC branch for course prices and availability. www.tlc-direct.co.uk



Course code TS4U-Biz

You've taken the initiative and got yourself qualified. Now you're thinking that you'd like to start your own business and start earning for yourself.



Above all, starting a new business is exciting. It can be enjoyable, rewarding and fulfilling - you're taking control of your own destiny. The learning curve may be steep but it's all worth it.

Making the right decisions early can have a massive impact on how successful you are - it's vital you start off in the right way and learn how to make the most of an exciting opportunity to change your life for the better. Starting a new business can be daunting - you need to think about so many things including:

- Opening business bank accounts
- Limited Company or Sole Trader
- Tax and Legal Issues
- Official Bodies & Certification
- Insurance
- Taking on Employees
- How to Market Your Business Effectively.

So what if you could take a course that would steer you in the right direction from the start and help you get to grips with all of these issues easily and quickly?

That's why we have created one - a very practical, no-nonsense two day course that gives you the tools and knowledge to get your business off to a flying start.

Course Content:

- Before taking the plunge - things to consider.
- You, your ideas and who will buy, and where will you trade?
- How to sell your service, your business name, marketing, advertising, the web, designing an advert and customer service.
- Materials, trades accounts, equipment, professional back up and employer duties.
- Cash flow, profit & loss, balance sheets and forecasting
- Business structure, legalities, insurance and trade groups
- Accounting, records, tax, VAT, pensions
- Professional paperwork
- How to prepare quotes, letters, press releases and effective marketing information
- Staying afloat and moving ahead, increasing profits, growth and exit strategies.

Certificate

Candidates will be awarded a TS4U certificate of achievement.



Booking Process and Info

Training Centre Location

Tradeskills4U Ltd

Mitre Court, Fleming Way, Crawley,
West Sussex, RH10 9JY.

'About a 100 yards from TLC HQ in
Crawley'

How to choose a course

Use the website

The website is full of information that will help you help your customer. The most important is to check the prerequisite requirements that are needed for each course. Occasionally some people may not qualify for the course simply because they don't have the required experience or relevant qualifications.

Pick up the phone



The team are waiting to help you, we are all fully skilled to assist you choose the right courses. Any question no matter how minor or complicated, we're here to help.

How to place an Order

1. Choose the correct course and the date preferred.
2. Speak to your friendly TLC counter staff who can take your booking or
3. Check availability. Online/by telephone to our team on 01293 529777

Contact details

Via Email: info@tradeskills4u.co.uk

Via Phone: 01293 529777

Website: www.tlc-direct.co.uk

What happens next?

Tradeskills4u will forward you, the customer a confirmation letter via email. This will contain full details of the course you have booked.

Accommodation

Great places to stay whilst you train!

Convenient, affordable and good quality accommodation makes things just a little easier. Many of you come from the far corners of the UK and beyond. Being so close to Gatwick Airport, not only is travel to our centre very easy, but there are also many short term accommodation providers.

We have linked up with some of them, sensibly priced and suitable for your particular needs. We have personally inspected each one and monitor feedback from our customers on the quality of service they provide.

Why Stay Over?

By booking a course with us you're investing in your future - so it's important you stay focused. By staying close to the centre you can avoid any family distractions (!) and arrive on time and refreshed for your course each day. Many people choose to stay - a 'team' atmosphere develops and the social time before and after your course each day helps you support and help each other.

The screenshot shows the Tradeskills4U website. At the top, there's a navigation bar with 'Home', 'Course Packages', 'Electrical Courses', 'Renewables Courses', 'About Us', and 'Contact'. The main header features the company logo 'TRADE SKILLS 4U.co.uk' and 'Quality Electrical Courses & Electrician Training'. Below this, there's a section for 'Electrical Courses & Electrician Training' with a video player showing a man at a computer. A 'Our Courses' button is visible. The 'Electrical Course Packages' section highlights six packages: Bronze (17 Days), Green (23 Days), Silver (25 Days), Gold (30 Days), Platinum (40 Days), and Diamond (50 Days). Below this is the 'Individual Courses' section, which lists 'City & Guilds Courses', 'Skills Update Courses', and 'Renewables Courses' with their respective offerings. A testimonial from Paul Anderson is featured, praising the course and facilities. At the bottom, there's a call to action to 'Reserve your place now - call us on 01293 529777' and contact information for the training center.



TLC Headquarters

TLC Building
Fleming Way,
Crawley,
West Sussex,
RH10 9JY.

Contact details

Phone: 01293 848000
Fax: 01293 614576
Website: www.tlc-direct.co.uk

Mail Order Tel: 020 8646 6866

Our nationwide sales team will help you with all your enquiries for deliveries outside of the local branch areas from Lands End to John O-Groats and off shore islands.

Basildon

01268 523377

Eastbourne

01323 731155

Penge

020 8659 5216

Brighton

01273 724288

Enfield

020 8443 0033

Portsmouth

023 9265 4222

Bristol

0117 977 9656

Exeter

01392 20 35 35

Slough

01753 531313

Burgess Hill

01444 233469

Guilford

01483 450001

Southampton

023 8033 3115

Cardiff

029 2074 7733

Maidstone

01622 687253

Swansea

01792 700882

Coulsdon

020 8763 1177

Medway

01634 711 712

Swindon

01793 533433

Crawley

01293 848000

Merton

020 8646 6866

Tunbridge Wells

01892 515350

Croydon

020 8656 4823

Oxford

01865 401234

Low, Low Prices

With discounts as high as 85% every item listed in "CONTACT" is discounted below the trade price. Further discounts are reflected in QTY Breaks, which coupled with our PHONE for a QUOTE service makes our prices unbeatable.

Huge Stocks

TLC's Bi-Monthly Catalogue "CONTACT" displays just part of the vast range of goods that we can carry in stock. Our warehouses carry over 7000 products, with all stock being computer controlled to ensure availability. NEW PRODUCTS are added every month, so if you do not see your exact requirement please ask as we'll probably have it in stock.

Quality Guaranteed

We do not sacrifice the quality of our products to keep the prices down. We use our HUGE purchasing power to keep the standards high and the prices low.

Call & Collect

All Trade counters have lighting and product displays with FREE parking and trained staff. Our branches offer a call and collect service, just phone your requirements in advance and your order will be ready and waiting when you arrive. Each branch has the very latest in cable cutting equipment and will be happy to cut virtually any

cable to the exact length required WITHOUT an extra cutting charge.

Local Delivery

Our van delivery service is second to none, offering reliable NEXT DAY deliveries anywhere within the local branch delivery area. We offer a full C.O.D. service, where payments can be made by Cash, Cheque, Mastercard, Visa or Bankers draft. Deliveries outside the Local Branch area will be covered by our Nationwide Sales Team.

24 Hour

We offer a 24 hour phone and fax service, allowing you to place orders for delivery or collection, or request literature/quotations, at times that are convenient to you. These will be actioned immediately we re-open.

Product Search

Let our experienced buying team take the strain and order your specialist requirements with confidence. Our lighting dept. can provide qualified engineers who will advise and design complete lighting schemes for shops, offices and exterior public floodlighting.

Payment

Payment can be made by CASH, CHEQUE, MASTERCARD, VISA, SWITCH or BANK DRAFT or even by PayPal via the TLC website.

