

AMTECH



Courses for the Electrical Industry

Hands on training to ensure you get the most out of your software



0800 028 28 28



We are here to help, call **0800 028 28 28**

Welcome to

our software courses for the Electrical Industry

Ensure you get the most from your AMTECH software with one of our software training courses. You will receive expert tuition suitable for all levels of ability from our team of experienced engineers in a relaxed friendly atmosphere.

- **Learn the capabilities of the software - discover the many features included in AMTECH software and how to apply them to your own projects.**
- **Learn dozens of tips, short cuts and features – these will help you make use of the software effectively and efficiently.**
- **Receive your own course workbook along with a certificate of attendance upon completion of the course.**

PremierCare and PremierCareXtra members receive a customer loyalty discount off all AMTECH training courses!

NEW for 2011

AMTECH now provide NEW Electrical courses! Ensure you know and understand how to apply the wiring regulations. See page 4 for more information.

Continuing Professional Development (CPD)

AMTECH is registered with the Chartered Institute of Building Services Engineers (CIBSE) as a CPD course provider for their AMTECH software courses. The aim of CPD is to contribute to business performance and improve individuals' career prospects.



We're here to help

If you would like any help planning your training needs please call our experienced training advisors on **0800 028 28 28** or email training@amtech-power.co.uk

Courses available

at AMTECH's training centre or on-site

Regular scheduled courses are held in Milton Keynes in a fully equipped, air-conditioned training centre. Refreshments and lunch are provided. Visit www.amtech-power.co.uk/training for a full list of the latest course dates.

Software courses		
FastTest™	1 Day	page 6
FastTest™ Advanced	1 Day	page 7
ProDesign™	1 Day	page 8
ProDesign™ Advanced	1 Day	page 9
HV Distribution System Using Protect HV and PowerNet HV	2 Days	page 10

Practical electrical courses are also available

To keep up to date with the continuing changes within the industry we are pleased to introduce five brand new courses designed to provide delegates with the understanding of current requirements and their implementation.

Courses include

Emergency Lighting, Earthing & Bonding, Electricity at Work Regulations, The Completion of Electrical Installation and Minor Electrical Installation Works Certificates.

For more information on our courses, please call us **0800 028 28 28** or visit www.amtech-power.co.uk/training for full details of the courses available.

On-site Training

Courses at your premises

All courses can be carried out 'on-site', offering your organisation, especially companies who have several engineers, many significant advantages such as:

- Cost effectiveness
- Course content tailored to suit your needs
- Scheduled at your convenience

Call our experienced training advisors on **0800 028 28 28** or email training@amtech-power.co.uk to discuss options for on-site training.

How do I book a course?

1. Review the course information within this brochure to ensure it specifies your requirements.
2. Contact AMTECH Training on **0800 028 28 28** to check availability of the course and make a provisional booking if required.
3. Complete a Booking Request Form and return it to AMTECH with your remittance.
4. You can also check course dates on our website www.amtech-power.co.uk/training

Courses can become fully booked up to 6 weeks in advance so please book early to ensure your place(s). You will be sent joining instructions and a location map before the course.

Feedback about AMTECH courses...

"Very good course – now know more about a program I have been using for some time."

John McLaughlin, Agrilek

"Having used software for 7 years the course will enable me to produce reports faster & efficiently after finding out hidden 'tricks'."

Roger Waiting, Amey Fleet Services Limited

FastTest™

1 Day Course

Also
Available
On-site!

Who should attend?

Qualifying managers, supervisors and engineers who are responsible for entering and monitoring or verifying information required in electrical installations certificates or electrical installation condition reports.

Aim of course

To achieve a practical level of competence using this software to enable it to be used with confidence in the workplace and be productive in the shortest time.

Objectives

Upon completion of the course, the delegate should be able to:

- Input and manage administration details for Clients, Installations, Companies, Engineers and Test Instruments
- Create and print master, draft or duplicate certificates or reports
- Use of AMTECH validation system to trace and correct errors
- Understand Database maintenance, i.e. restoring and backing up current and previous certificates
- Attach electronic signatures for designers, installers, test engineers and qualifying managers to the certificates
- Include Company logo on certificates and reports
- Create an electronic form of a certificate or report to email to a third party
- Improve efficiency by understanding how to use the shortcut facilities to input data on circuit details and test results with the certificate
- Create templates from certificates with similar details
- Use the certificate browser and the filters to efficiently navigate the database
- Overview of additional features within FastTest

This course can be combined with the ProDesign 1 day course if required.

You may also like to attend one of our Practical Electrical courses.

Please visit www.amtech-power.co.uk/training for more information.

Also
Available
On-site!

FastTest™ Advanced

1 Day Course

Who should attend?

Designers or Engineers who have installed FastTest in a network environment.

Delegates who have had at least 3 months experience of using the FastTest program to create the main certificate ranges in both AMTECH & NICEIC format.

They should also have appropriate PC file handling & keyboard skills, which are essential to expand their understanding and efficiency in using FastTest.

Aim of course

The course is designed for current FastTest Plus & FastTest Pro users to expand their understanding of the application and use of the additional features to enable them to be more efficient. They will also look at the reports and implementation and use of the networkable features of FastTest.

Objectives

Upon completion of the course, the delegate should be able to:

- Use Global settings available in Options menu
- Check In/Check Out - Transfer data from the master database to a client PC for removal from the network. Complete on site and then transfer back to the master database
- Understand Database Export/Import (more data in a certificate)
- Understand the advanced features within FastTest
- Import/Export - Transfer details to a stand alone PC for completion with option to retain on return

This course can be combined with the ProDesign 1 day course if required.

You may also like to attend one of our Practical Electrical courses.

Please visit www.amtech-power.co.uk/training for more information.

Also
Available
On-site!

ProDesign™

1 Day Course

Who should attend?

Consultants, designers, engineers and electrical contractors who wish to improve their speed and accuracy when producing electrical installation designs through the use of ProDesign. This level of training is aimed at new and existing users who wish to improve their knowledge of the package and utilise this very powerful design tool.

Aim of course

To achieve a practical level of competence enabling them to use the software with confidence in the workplace and be productive in the shortest time.

Objectives

Upon completion of the course, the delegate should be able to:

- Understand and use of the drawing interface, drawing tools and data entry necessary for calculation to BS 7671
- Elaborate on key information in dialog boxes and data entry
- Develop user skills by way of worked tutorial examples
- Show how reports and error analysis are used
- Understand the additional special features

This course can be combined with the FastTest 1 day course if required.

Also
Available
On-site!

ProDesign™ Advanced

1 Day Course

Who should attend?

Consultants, designers, engineers and electrical contractors who are already familiar with ProDesign or have previously attended the standard course. It is designed to appeal to those who would like the opportunity to further develop their skills and gain a more in depth understanding of the calculation methodology and advanced features.

Aim of course

This level of training is aimed at providing delegates with greater confidence when using the software in more complex scenarios, typically in larger commercial/industrial or legacy projects and to improve the competitiveness of their designs.

Objectives

Upon completion of the course, the delegate should be able to:

- Identify the advantages of using the more complex features within ProDesign
- Gain confidence and understanding in implementing designs and scenarios through tutorial project examples
- Develop user skills in error analysis and corrective actions
- Provide a forum opportunity for users to share skills and knowledge

Also
Available
On-site!

HV Distribution Systems

2 Day Course

Who should attend?

Consultants and Engineers who work with or have responsibility for LV and HV Power Distribution Systems in the areas of design, on going development, support and maintenance.

The course is aimed at both new and existing users of ProtectHV and PowerNet who wish to consolidate their expertise in using the software and refresh their knowledge of short circuit fault level calculations and the setting up of circuit protective equipment.

Day 1 of the course, which concentrates on Protect HV, is also relevant to experienced ProDesign users who wish to expand their knowledge and gain further insight to Protect.

Aim of course

To achieve a practical level of competence and familiarity with the software to enable it to be used with confidence in the workplace.

Day 1 - Protect HV

- Understand the basic concepts of discrimination in Protect HV
- Understand the purpose of Protect HV in the production of discrimination studies
- Understand the Protect HV interface and controls for adjustable devices
- Produce HV/LV discrimination studies and check grading margins between selected protective devices
- View and print commissioning reports and discrimination studies to LV or HV base

Day 2 - PowerNet HV

- Understand the purpose of PowerNet HV and its suitability for various applications
- Understand the relevance of calculation procedures described by IEC 60909 to the operation of PowerNet HV
- Enter data to define cables, nodes, transformers, etc
- Appreciate the use and implementation of both positive and zero sequence network data
- Produce calculation reports showing fault data and analysis at selected network nodes



Visit www.amtech-power.co.uk/training for a full list of course dates and availability

We're here to help

If you would like any help planning your training needs, please call our experienced training advisors on **0800 028 28 28** or email **training@amtech-power.co.uk**

For more information on all our training courses visit the training area of our website at **www.amtech-power.co.uk/training**

REMEMBER!

PremierCare and PremierCareXtra members receive a customer loyalty discount off all AMTECH training courses!

AMTECH

AMTECH Power Software Limited
Bank House 171 Midsummer Boulevard
Central Milton Keynes MK9 1EB

Tel +44 (0)1908 608833
Fax +44 (0)1908 234355
Email sales@amtech-power.co.uk