



EA Region Instructor-Led Training Courses

2016 Catalogue

Overview of Standard EA Instructor-Led Training Courses

Course Name	Days	Typical Attendees
Introduction to Residential Control	1	Electricians Lighting Designers All new dealers, and people intending to use HomeWorksQS
Homeworks QS Qualification	3	Custom-Install Engineers Domestic electricians (<i>must be pre-approved</i>) LCSIs (<i>as a pre-requisite for myRoom programming course</i>)
Homeworks QS Advanced	2	Existing experienced HWQS dealers and programmers
Sivoia QS Residential Shades Qualification	3	Custom-Install Engineers Interior Designers Window-System Providers
QS Stand-Alone Systems (<i>Energi TriPak, Grafik Eye, DIN-rail ESNs</i>)	2	Commercial System Specifiers/Designers Commercial Electrical Contractors Lighting Designers, M&E Consultants, Facility Managers LCSIs (<i>pre-requisite for full Quantum training</i>)
LCSI Quantum Programming (V2)	5	Pre-approved LCSIs for the Quantum programme
LCSI myRoom Design	2	Pre-approved LCSIs for the myRoom programme
LCSI myRoom Programming	3	Pre-approved LCSIs' engineers, for the myRoom programme
LED Deep Dive Day for OEMs	1	Fixture OEMs and lighting-system manufacturers
LED Deep Dive Day	1	Lighting Designers, Specifiers, installers and contractors

Standard Fees	
Introduction course	£95 / €123
Qualification courses	£150/day €195/day
London Hotel Accommodation (subsidised rate available during courses only)	£100/night €130/night

All prices are excl. VAT where applicable.

Notes:

For Lutron account holders, your CoOp funds, if available, may be used to pay for training and accommodation fees for all courses.

If you require accommodation, subsidised by Lutron, then please request this at the time of registration in the "Comments" field.

Lutron EA Course Logistics - FAQ

Timing and Travel

Unless indicated otherwise, training begins at 9am on each day. Multi-day courses will end at 5pm on the first days, and 4pm on the final day. If you are travelling from abroad please ensure that you will be able to complete the course before returning to the airport. Certificates will not be issued for delegates who have not completed the full training.

Lutron is a 10 minute walk from Shadwell stations (DLR and London Overground) in Zone 2.

Nearest airports: London City (LCY, 30 mins by DLR train), London Heathrow (LHR, 1 hour by train/underground), London Stansted (STN, 1 hour by train/underground)

If you require a VISA invitation letter then please contact us: eatraining@lutron.com with the subject line “VISA Invitation Letter request”.

Parking

Lutron is unable to provide parking for courses at our London office. There is an NCP car park close to our office, see map on back page.

Computers

For those courses in which Lutron’s software is taught, delegates should bring a computer running the Windows operating system (version 7, 8 or 10). If you have an Apple Mac then you can run Windows under the Parallels system. For Homeworks, Quantum and myRoom courses you will need a wired Ethernet connection. Mac users should have a Thunderbolt Ethernet adapter, and know how to bridge the connection for Windows to use it.

Catering

Lutron provides a buffet lunch on each day of training, along with snacks during the course. On the middle-night of each course we are pleased to invite all delegates to a complementary dinner, as guests of Lutron, close to the training centre. Please advise us of any specific dietary requirements.

If you have any questions then please do not hesitate to contact us at: eatraining@lutron.com

Registration – lutron.learn.com



Step 1: Register for an account on our online training system:

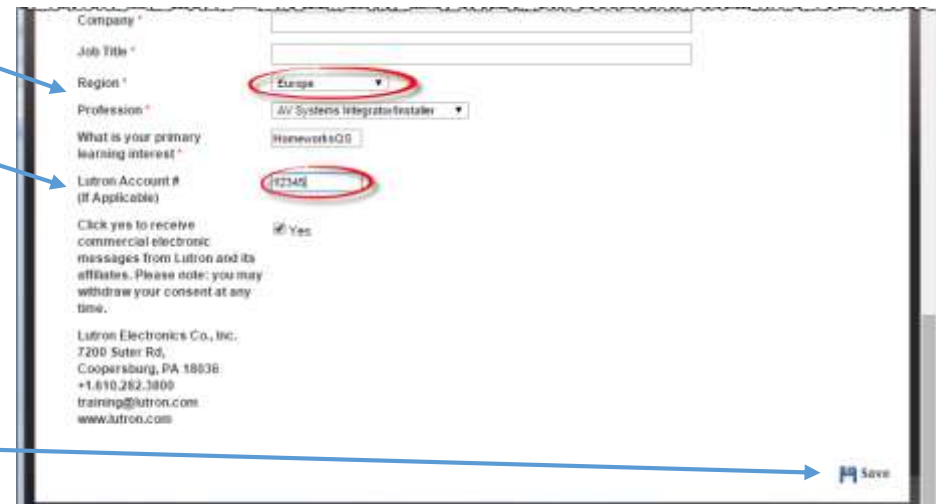
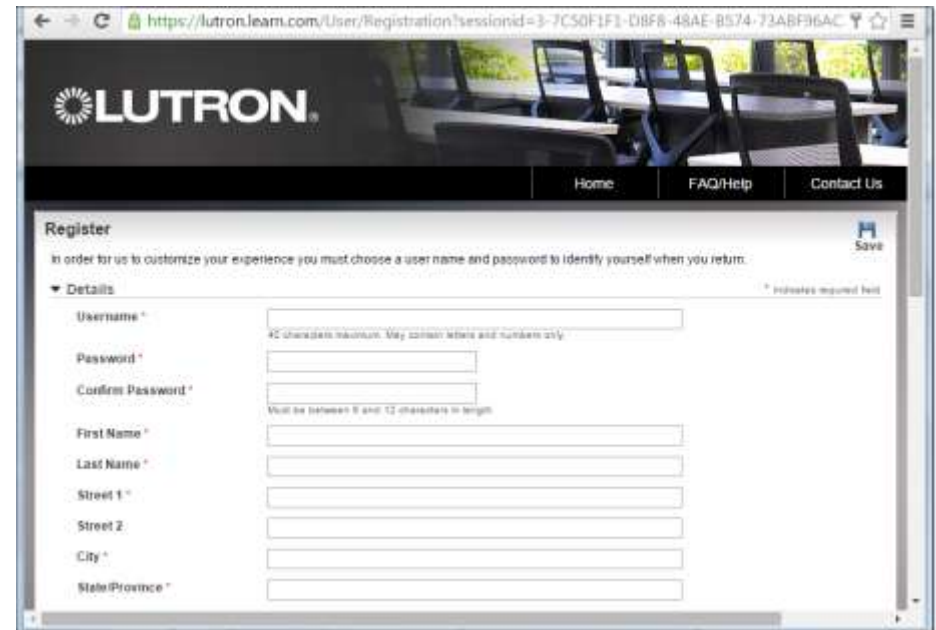
Ensure that you select the “Europe” region.

Enter your account number to enable payment via CoOp funds or invoice.

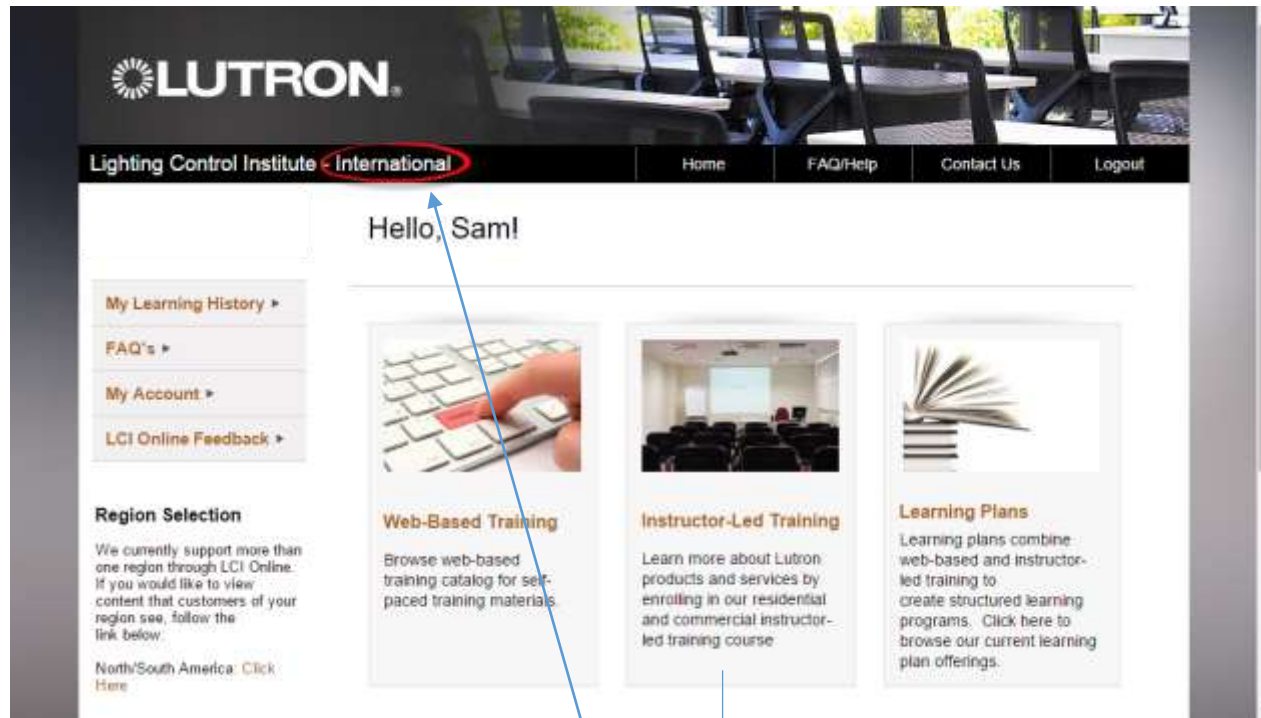
This avoids delays in registration for courses, as otherwise a Credit Card payment will need to be processed before registration on any course.

Click *Save* to register

Please allow 2 days for your registration to be processed in the USA



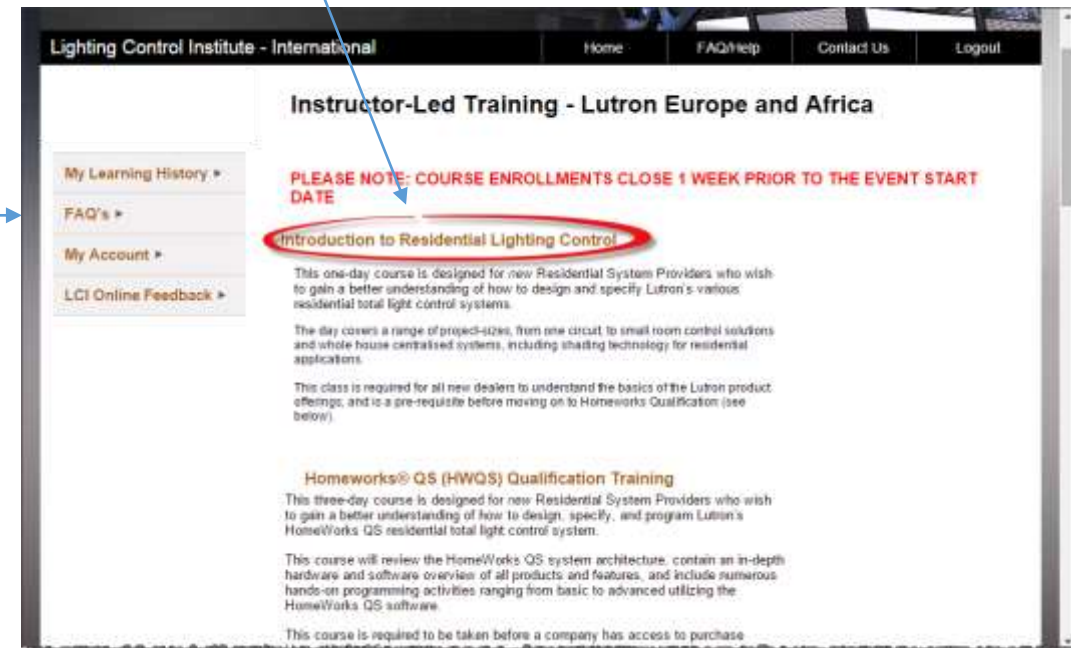
Enrolment – lutron.learn.com



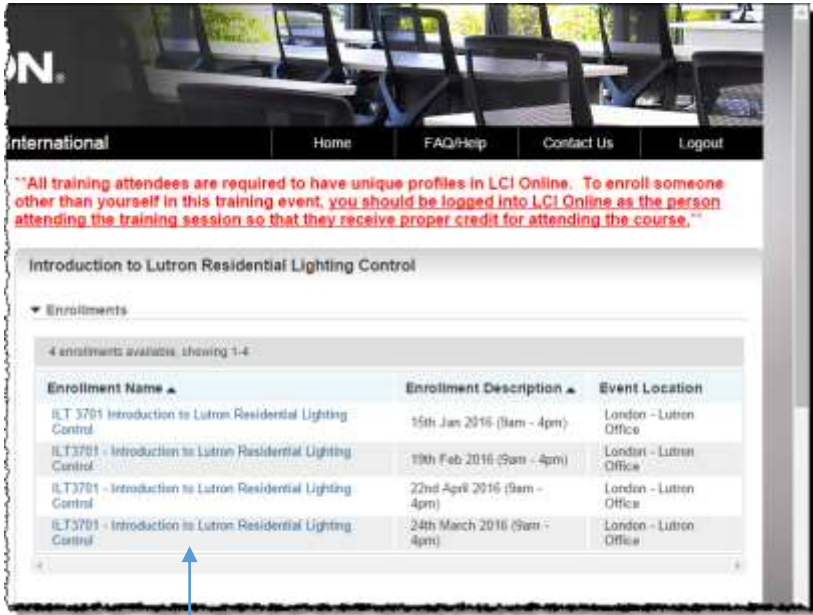
Region Selection
We currently support more than one region through LCI Online. If you would like to view content that customers of your region see, follow the link below:
Regions other than North/South America: [Click Here](#)

1. Ensure that you are accessing the International (Europe / Africa) section of LCI. If you do not see "International" then scroll to the bottom of the page, and click the link provided.

2. Select the course which you are interested in from the list available...
...a page will open showing dates for that course.



Enrolment



3. Select the course date you require
4. Fill in the enrolment request
5. **Click on “Request Approval”**
6. Please allow 48hrs for your request to be processed.
If you do not have a Lutron credit account then you will receive a PayPal payment request
7. **Once your place is confirmed you will receive an email containing joining instructions.**

Enrollment Information

This enrollment request will be sent to supervisor for approval

Session Information

Event Type	Instructor Led Training Session	
Name	ILT 3701 Introduction to Lutron Residential Lighting Control	
Description	15th Jan 2016 (9am - 4pm)	<i>Date/time in local format</i>
Start Date	1/15/2016 4:00 AM	} <i>Note: date/time shown here in USA-format and time-zone</i>
End Date	1/15/2016 11:00 AM	

Registration Information

Enrollment Approval Request

Request will be sent to

- EATRaining - [Enrollment Admin]

Comments

Use this field to make any special requests:

- Hotel booking request
- Dietary Requirements

Request Approval

Admin Contacts

Username	Last Name, First Name
<input checked="" type="checkbox"/> EATRaining	

Properties

Standard Fields	
Author	LCI
Series Name	
Series Number	
Course Level	700
Credits	
Duration	
Publisher	
Cost Per User	95
Course Number	ILT 3701

Cost is shown in GBP (see page 2)

This is the training fee, excluding hotel costs (see FAQ page).

CoOp funds may be used by account customers

Introduction to Residential Lighting Controls

This one day course focuses on Lutron residential systems. From one circuit, to room control solutions and whole house centralised systems, including shading technology for residential applications.

This course covers the principles of lighting control, system capabilities, the sales & design processes, and hints and tips for installation.

This class is required for all new dealers to understand the basics of the Lutron product offering.

It is a pre-requisite for the HomeworksQS courses.

Key Course Information	
Duration	1 day
Standard fee	£95
Pre-requisites	None

Steps to become a Qualified Homeworks QS Programmer

Normally, only existing approved Lutron account holders may book places on our Qualification training courses, such as *Homeworks Programming and Installation* or *Sivoia Residential Shades*.

Therefore how do you gain the skills you want if you do not already have a Lutron account?

Here are the steps to become authorised and qualified:



Introduction

Attend the "Introduction to Residential Lighting Controls" one-day course, held every month at Lutron.

This course will enable you to choose the right products for your projects, and gives you the foundations required.

This course is a pre-requisite for all other training.

Please note: attending this course does not GUARANTEE you a place on further courses.

Experience Building

Build your experience with Lutron products, by purchasing through one of our distribution partners:

- Armour Home
- Pulse Marketing
- RGB Communications

Our distributors can also book you onto an HWQS Qualification Course to build your skills, whilst you continue to obtain technical support from them.

Apply to Become a Dealer

Your company must meet a number of pre-requisites for you to become a dealer; to ensure that your clients will receive the standard of installation and support required for their Lutron installation.

Lutron will work with you to ensure your installations meet our quality criteria.

If you believe that your levels of business, and your company's capacity to support projects, entitle you to deal directly with Lutron then please discuss your requirements with one of our Residential Sales team, with a view to building up to becoming an approved dealer.

Homeworks QS Qualification

Key Course Information

Duration	3 days
Standard fee	£150/day
Pre-requisites	Introduction to Residential Controls
Computer required	Yes

This three-day course is the capstone for Lutron's Residential System Provider program. We utilise hands-on training to teach you how to design, install, and program Lutron's residential lighting control system, **HomeWorksQS**.

Who Should Attend?

Lutron Residential System Providers, including dealers and contractors.

This Course Will Help You to:

- Determine the system architecture which will best suit your customer's needs
- Understand the physical rules for designing a successful HomeworksQS control system
- LED control - solutions to common problems, and pre-project planning tips for flicker-free success
- Become proficient in using the HomeworksQS software for designing, programming, configuring and diagnostics
- Apply the learned concepts to a realistic programming scenarios

HomeworksQS Advanced

Key Course Information

Duration	2 days
Standard fee	£150/day
Pre-requisites	HomeworksQS Account holders only
Computer required	Yes

This 2-day course introduces the latest advanced features of the HWQS system:

- LED control
- EcoSystem & DALI
- Dynamic Keypad
- 3rd Party Integration,
- HVAC Integration
- Advanced system diagnostic and installation troubleshooting
- ...and the new features in the latest version of the HomeworksQS software.

Who Should Attend?

This course is for programmers that frequently use the HWQS software. Attendees must have a thorough understanding of HomeWorks QS and be very familiar with the HWQS software.

Sivoia Residential Shades Qualification

The course covers installation and programming for Sivoia QS, and includes hands-on design and installation exercises.

Sivoia QS qualification, in order to sell our shading systems, requires attendance of this training.

Who Should Attend? Lutron Window System Providers, including dealers and contractors. Interior designers. CI system dealers.

This course will help you to:

- Choose fabrics, understand the appropriate fabric and orientation for each application, along with seaming and batten options
- Select the most appropriate type of shade and mounting options for various applications
- Use the Lutron SCT (Shade Configuration Tool) to build up a quote/order for a shading system with accessories
- Program Sivoia QS systems from multiple locations
- Establish limits and presets during a practical installation exercise
- Control from keypads, contact closure interfaces, and wireless controls
- Identify system requirements, best practices and designing flexibility into any application
- Identify wiring and troubleshooting multiple LED drive blink-codes
- Describe wiring layout and control options for system design

Key Course Information

Duration	3 days
Standard fee	£150/day
Pre-requisites	None
Computer required	Yes

QS Systems Stand-Alone

Key Course Information

Duration	2 days
Standard fee	£150/day
Pre-requisites	None
Computer required	No

This 2-day training session focuses specifically on Lutron's new QS lighting control system. This course utilises hands-on training to teach attendees how to navigate system hardware, install and program QS devices (Grafik Eye QS, ESN QS, QS interface and sensors). This course does NOT cover HomeworksQS or systems using a Quantum processor.

The course concentrates on the interoperability between QS devices and how to program complete stand-alone (i.e. non-processor-based) systems.

This Course Will Help You...

- Understand QS devices features and how they fit in specific applications.
- Assess the wiring and installation needs of Lutron's commercial lighting control systems including Radio Powr Savr, GRAFIK Eye QS, Energi Savr Node, QS Integration devices, QS shades and sensors.
- Master the programming & perform basic troubleshooting of the Lutron systems through hands-on training of a complete QS system applications.

Who Should Attend?

- Any professional who will be installing or servicing Lutron commercial lighting control equipment (Engineers, contractors, electricians, facility managers)
- Any professional who feels they could benefit from an in-depth, hands-on investigation of Lutron's system-based products to help them design or sell those systems more effectively (distributors)

LED “Deep Dive Day”

Key Course Information

Duration	3 days
Standard fee	£150/day
Pre-requisites	None
Computer required	No

This 1-day course delves into the fast-rising world of LED lighting, looking at control of both retro-fit LED lamps and LED fixtures. We investigate the myths and realities of LED lighting, demonstrate common problems and their solutions, and show how Lutron enables flawless control of LED lighting.

You no longer need to fear the LED! Taking a whole-system approach this course will give you a practical understanding to ensure your next project proceeds without problem.

Courses for LCSIs. What is an LCSI?

Lutron's Commercial Systems Integrator Programmes

The LCSI program is for companies that sell, specify, design and commission lighting control systems with a high level of integration capabilities and using a wide array of technologies.

There are separate LCSI programmes for Quantum, myRoom and Shades.

What are the benefits to the LCSI?

A company that enrolls as an LCSI will have:

- Complete autonomy to sell, design and commission their own projects
- Project protection. Once the LCSI registers a project with Lutron and provides the design files, Lutron will not compete with LCSI for the project and will provide pricing benefits for the LCSI
- ASC work. Depending on the region the LCSI may be offered the possibility of also becoming an ASC. This will be done on a case by case basis. ASC work would be billed at Lutron's standard ASC rates.

What are the requirements for a company to become an approved LCSI?

For a company to join the program they must pass our approval process, and be financially sound and be able to support the complete lifecycle of a project: spec, design, sell, manage, commissioning & support.

myRoom LCSI Design

This two-day course is for LCSIs who are authorised to design and quote the myRoom Guest Room Solution.

The course covers design of both the myRoom Prime and myRoom Plus systems, and teaches the designer how to select the most appropriate system to meet the application requirements.

A system commissioning course is also available, for those companies who will be commissioning systems and providing technical support.

Key Course Information	
Duration	2 days
Standard fee	£150/day
Pre-requisites	LCSI Approval
Computer required	Yes

myRoom Commissioning

This two-day course is for LCSIs's engineers who will be commissioning Lutron's Guest Room Systems: myRoom Prime and myRoom Plus.

Delegates will learn how to configure the non-processor based myRoom Prime systems, including GPD (Guest Presence Detection) programming.

Delegates will also learn how to programme the processor-based myRoom Plus systems, with PMS and BMS integration.

Key Course Information

Duration	3 days
Standard fee	£150/day
Pre-requisites	myRoom Design
Computer required	Yes

Quantum Vue for LCSIs

This course teaches the latest Quantum system: Lutron's flagship commercial control range. Over 5 days delegates will learn the system architecture, components, design-rules and programming for a variety of control and energy-saving strategies, Hyperion setup, along with system diagnostic and tuning features.

Delegates are required to sign an NDA before registering for this course. Delegates will be given access to our technical-support wiki, from which the software installation files can be downloaded.

Key Course Information	
Duration	5 days
Standard fee	£150/day
Pre-requisites	QS Stand-Alone
Computer required	Yes

Contact and Further Information

Lutron EA Ltd

6 Sovereign Close

London

E1W 3JF

Tel. +44 (0) 207 702 0657

Email: eatraining@lutron.com

LCI Website: lutron.learn.com

myLutron registration: lutron.com/myregistration

Company website: www.lutron.com

