



# Broadband Training from the SCTE™

## Eight LMS courses are now available

- Installers Course
- Service Technicians Course
- Network Technicians Course
- Network Architecture and Design Course
- Fibre Optic Transmission Course
- Business Data Solutions Course
- Understanding Wi-Fi and Wireless Technology Course
- Introduction to DOCSIS 3.1 Course

The SCTE™ learning management system (LMS) courses have comprehensive and enhanced online training information which can be used for home study learning. Online assessments, quizzes (to check understanding) and exams may be taken and successful students receive downloadable official SCTE™ accredited certificates.

**Visit the SCTE™ website for detailed information on these courses.**

### **SCTE™ - The Society for Broadband Professionals**

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# Broadband Training from the SCTE™

The SCTE™ has moved its education into different areas such as training books, courses, PDF files and, now, into a Learning Management System (LMS). This opens the student to different stimuli, through the text on the screen, videos, sound, clicking on information; all of these move the student towards a range of different learning approaches.

LMS provides consistency, tracking and reporting, engaging courses and gamification. Centralising the knowledge into one area allows consistency.

- **Consistency** - Having a central repository for information allows all students to reap the same knowledge whilst unlocking all the expertise brought by different tutors in one place.
- **Tracking and reporting** – LMS, as a system, enables tracking of progress e.g. which student has started, who is halfway through the course and who is finished, who needs help or who is capable of more... This is a powerful tool in an organisation as it offers other measurement benchmarks to ensure that the student reaches his/her full potential.
- **Engaging courses** - this is the ability to take things that are described on paper into different dimensions i.e. video, audio, text or a combination of these to ensure that the student is engaged and keeps focus, learns more and keeps motivated. Engaging also involves gamification, where the.

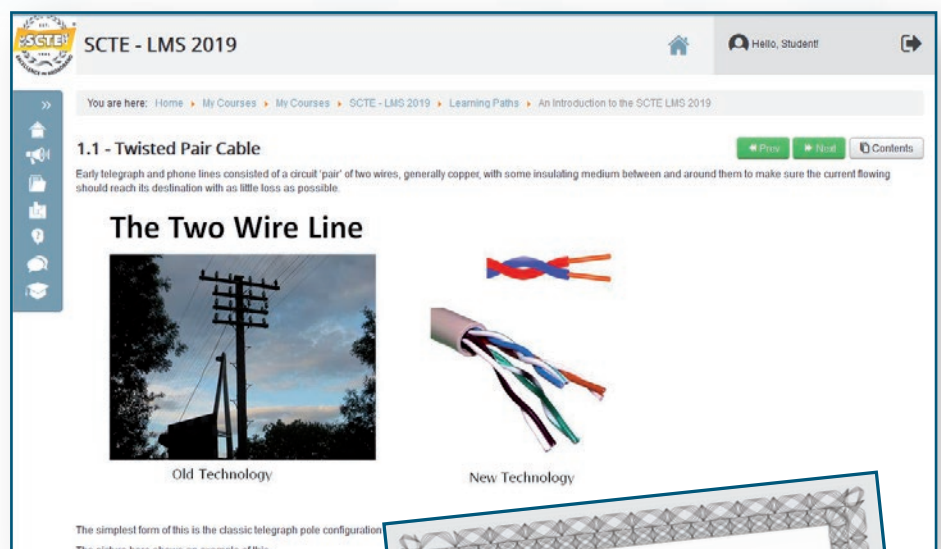
## What can an LMS do?

- An LMS is used to create courses and examinations and to track the progress of the learners. It can also be used to export reports; invite users; hand out certificates and integrate with a range of other tools, making it a seamless addition to any organisation.

## The recently expanded range of courses now include:-

- **SCTE™ self study training courses using the SCTE's LMS system:-** Installation Technician, Service Technician, Network Technician, Network Architecture and Design, Fibre Optic Transmission for Technicians, Understanding Wi-Fi and Wireless Technology Course and Introduction to DOCSIS 3.1.

For further details of the SCTE™ training courses please contact Broadband Training address below. SCTE™ training courses are the most complete and up-to-date courses available to the broadband cable Industry.





**Installer's Course:** A comprehensive course for installation technicians to be able to install CATV systems efficiently and effectively in a customer environment.

1. Overview of Cable TV Systems.
2. Communications Theory.
3. Signal Distribution including Coax Cables.
4. Installation and Troubleshooting.

**Service Technician's Course:** An all-embracing course for service technicians.

1. Service and Maintenance.
2. Communications Principles.
3. Networks.
4. Measurement and Test Equipment.

**Network Technician's Course:** An extensive course for network technicians covering commissioning and restoring services in CATV.

1. Service and Maintenance.
2. Installation and Commissioning.
3. Measurement and Testing.

**Network Architecture and Design Course:** A thorough examination of the main components of a network and the equipment used.

1. Network Architecture.
2. Network Components.
3. Network Design.

**Fibre Optic Transmission for Technicians Course:** A comprehensive theoretical course for technicians using fibre optics in CATV.

1. Principles and Development.
2. Properties of Cables and Connectors.
3. Applications and Testing Methods.
4. Fibre Systems.

**Business Data Solutions Course:** A broad overview of the required technology for broadband business installations.

1. Digital Telephony.
2. HFC Networks.
3. Digital Networks.
4. Understanding Wi-Fi.
5. Optical Theory.

**Understanding Wi-Fi and Wireless Technology Course:** An in-depth review of Wi-Fi and wireless equipment and their usage.

1. Wi-Fi Overview.
2. Wi-Fi Technical.
3. Wireless Technologies.
4. Troubleshooting Wireless.

**Introduction to DOCSIS 3.1 Course:** An introduction look at DOCSIS 3.1 technology used in business and to the home.

1. DOCSIS Background.
2. The Protocol Stack.
3. Modulations.
4. FEC.
5. Introduction to Measurements.



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### LMS Training courses - Price Guide

Endorsed by the SCTE™ - The Society for Broadband Professionals | Deliverable by Broadband Training.

Price List Per Person	Course		Notes
	Member	Non Member	
Installation Technician's	£115	£140	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.
Service Technician's	£125	£150	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.
Network Technician's	£140	£175	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.
Network Architecture and Design	£140	£175	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.
Fibre Optic Transmission for Technicians	£140	£175	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.
Business Data Solutions Course	£140	£175	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.
Understanding Wi-Fi and Wireless Technology Course	£140	£175	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.
Introduction to DOCSIS 3.1 Course	£140	£175	Independent learning using the online SCTE™ LMS system. Course includes online assessment quizzes and exam and if successful downloadable certificate.

- The price of the courses includes the online assessment, on passing certification will be provided by the SCTE™.
- Prices are for guidance only - please contact the SCTE™ office for current pricing.

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