Broadband Training from the SCTE™

Twelve training courses are now available

- Installer's Course
- Service Technician's Course
- Network Technician's 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
- Introduction to Broadband
- Co-Axial Network
- DOCSIS 3.1 Measurements
- IET Introduction to 5G

These courses can either use:-

- The SCTE™ Learning Management System with comprehensive and enhanced online training information and also available for home study.
- Comprehensive reference manuals in paper or online page-turning formats which can be used for home study or instructor-assisted learning.

Online exams can be taken and successful students receive 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 Society now supplies a series of training courses for industry professionals.

The recently expanded range of courses now include:-

■ **SCTE™ self-study training courses using the SCTE's learning management online system:-** 'Installation Technician'; 'Service Technician'; 'Network Technician'; 'Network Architecture and Design'; 'Fibre Optic Transmission for Technicians'; 'Understanding Wi-Fi and Wireless Technology Course'; 'Introduction to DOCSIS 3.1'; 'DOCSIS 3.1 Measurements' and 'IET Introduction to 5G'.

■ **SCTE™ self-study training courses using a reference manual:-** 'Installation Technician'; 'Service Technician'; 'Network Technician'; 'Network Architecture and Design'; 'Fibre Optic Transmission for Technicians'; 'Business Data Solutions' and 'Understanding Wi-Fi and Wireless Technology'.

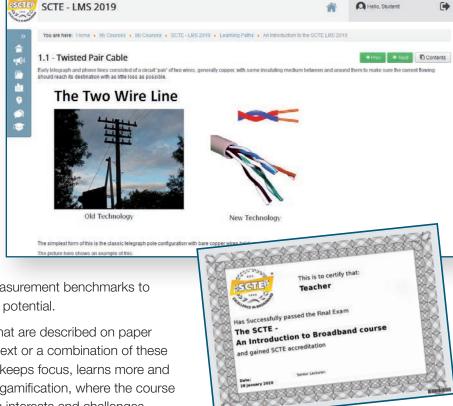■ **SCTE™ classroom-led training courses:-** 'Introduction to Broadband' and 'Co-Axial Networks RF Design'.

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, audio, clicking on information; all of these move the student towards a range of different learning approaches.

LMS provides consistency, tracking and reporting, engagement and gamification. Centralising knowledge into one area allows consistency.

■ **Consistency** - 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.

■ **Increased engagement** - Taking 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 motived. Engagement also involves gamification, where the course material becomes more attractive and both interests and challenges students.

For further details of SCTE™ training courses, please email **office@broadbandtraining.eu**. SCTE™ training courses are among the most complete and up-to-date courses available to the broadband cable Industry.

Installer's Course:

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:

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

Network Architecture and Design Course:

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

Fibre Optic Transmission for Technicians Course:

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

Business Data Solutions Course:

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

Understanding Wi-Fi and Wireless Technology Course:

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

Introduction to DOCSIS 3.1 Course:

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

Introduction to Broadband:

1. Metallic and Fibre Cables.
2. In the Home.
3. Mobile Devices.
4. Analogue and Digital.

Co-Axial Networks RF Design Course:

1. Design Basics.
2. Network Components.
3. Network Design.
4. Tutored Real World Example.

DOCSIS 3.1 Measurement:

1. DOCISIS 3.1 Overview
2. General Measurements
3. Upstream Measurements
4. Downstream 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	Member			Non-Member		
	Reference Manual (Hardcopy)	Course (using reference Manual)	LMS Online	Reference Manual (Hardcopy)	Course (using reference Manual)	LMS Online
Introduction to Broadband	-	£35	£55	-	£35	£70
Installation Technician	£45	£95	£115	£55	£120	£140
Service Technician	£50	£105	£125	£65	£130	£150
Network Technician	£60	£120	£140	£75	£155	£175
Network Architecture and Design	£60	£120	£140	£75	£155	£175
Fibre Optic Transmission for Technicians	£60	£120	£140	£75	£155	£175
Co-Axial Networks RF Design	-	£110	-	-	£135	-
Business Data Solutions	£60	£120	£140	£75	£155	£175
Understanding Wi-Fi and Wireless Technology	£60	£120	£140	£75	£155	£175
Introduction to DOCSIS 3.1	-	-	£140	-	-	£175
DOCSIS 3.1 Measurement	-	-	£140	-	-	£175
IET Introduction to 5G	-	-	£299 +VAT	-	-	£299 +VAT

- LMS Online courses use the SCTE Learning Management System.

- Tutored courses for Introduction to Broadband and Co-Axial Networks RF Design are available from Broadband Training and pricing does not include instructor expenses where required.

- The price of the courses and LMS courses include the online assessment. If the student passes, certification will be provided by the SCTE.

- An online page-turning reference manual can replace the hardcopy reference manual for a £10 price reduction.

- Prices are for guidance only - please contact the SCTE office for current pricing.

See **www.thescte.eu/professional-development** for detailed information on these courses.