

Course Format: Paper Based

Approximate Study Time: 100 Hours

Spread the payments for this course over 4 monthly payments.
1 initial payment of £80, followed by 3 monthly payments of £40

The DHTI+ (Digital Home Technology Integrator) course will prepare students for one or both CEA-CompTIA DHTI+ exam. Students will learn how to design, configure, and install a home network, work with low- and high-voltage wiring, install and configure audio and video components, and install and set up security systems. They will also learn how to install and configure telecommunications systems and lighting control systems, and how to manage heating, ventilation, and air-conditioning systems. Course coverage also includes water control systems, automated interior furnishings, window and door systems, and lift systems.

The CEA-CompTIA Digital Home Technology Integrator (DHTI+) Certification validates the knowledge and skills of home technology professionals. It is an international, vendor-neutral certification that recognizes a technician's ability to configure, integrate, maintain, troubleshoot, and comprehend the basic design concepts of electronic and digital home systems. The Course manual comes with CertBlaster assessment software (download).

The DHTI + Certification course consists of the following lessons:

● **Lesson 1 – Introduction to DHTI**

The following topics are covered in this lesson: Digital home technology integration; Basic components of DHTI systems; Designing and installing DHTI systems; and After the installation of DHTI systems.

● **Lesson 2 – Computer Networking**

The following topics are covered in this lesson: Networking configuration; Resource sharing; Internet connectivity; and Network protection

● **Lesson 3 – Audio/Video System Concepts**

The following topics are covered in this lesson: Residential home theater systems; Content management systems; and Implementing multi-room audio/video systems.

● **Lesson 4 – Telephony and VoIP**

The following topics are covered in this lesson: Plain Old Telephone Systems; Voice over IP; and Telephone systems.

● **Lesson 5 – Security & Surveillance Systems**

The following topics are covered in this lesson: Security and surveillance system components; Security system installation; Security and surveillance cameras; and Security system peripherals and accessories.

● **Lesson 6 – Home Control & Management**

The following topics are covered in this lesson: Control systems integration; HVAC control; Lighting control; and Power protection.

● **Lesson 7 – Troubleshooting DHTI Systems**

The following topics are covered in this lesson: DHTI troubleshooting and diagnostics; Troubleshooting wireless systems; and Troubleshooting integrated subsystems.

● **Appendix A: Certification exam objectives map**

The following topics are covered in this lesson: Comprehensive exam objectives

● **Appendix B: CEA-CompTIA DHTI + acronyms**

The following topics are covered in this lesson: Acronyms list

Exam:



On Completion of this curriculum, you can apply for your **internationally recognised HT0-201 DHTI + Examination**, which is **£164.00 + VAT**. Exams must be sat at a registered Prometric or Pearson VUE testing centre. You can locate testing centres and schedule appointments on their Websites:

Prometric website – www.2test.com/

Pearson VUE - <http://pearsonvue.com/>