

## HTI: Home Technology Integration

### FACULTY

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<http://www.bates.ctc.edu/HTI>

This program provides students with the technical competence needed for the installation, integration, and troubleshooting of automated “smart” home subsystems including home security, audio/video, computer networks, electrical and structure wiring, heating, ventilation, and air conditioning (HVAC), cable, satellite, broadband, and telecommunications. Students prepare for industry recognized CEA-CompTIA DHTI+ and CEDIA Installer Level 1 certifications.

### Certificate of Training: 44 credits

#### HTI: Home Technology Integration

Completion Range: 6 Months

	<u>Credits/Hours</u>
ATCS 091 Occupational Human Relations	1/17
ATCS 092 Occupational Communications	2/33
LIB 099 Basic Information Literacy	1/16
HSI 101 Security and Fire Alarm Systems	2/35
HSI 105 Surveillance, CCTV	2/35
HSI 110 Access Control Systems	2/35
HSI 115 Electronic Fundamentals	2/35
HSI 120 Electrical Wiring and Devices	2/35
HSI 125 Structured Cabling	2/35
HSI 130 Planning the Installation	2/35
HSI 135 Low Voltage Services	2/35
HSI 140 Wireless Networking Basics	2/35
HSI 145 Wireless LAN, WLAN Standards	2/35
HSI 150 Fundamental Networking Concepts/ Terms	2/35
HSI 155 OSI Model	2/35
HSI 160 MS-Windows, Network Operating Systems	2/35
HSI 165 Remote Connectivity	2/35
HSI 170 Troubleshooting Networks	2/35
HSI 175 Residential Audio, Visual Systems	2/35
HSI 180 Automating, Integrating Residential Systems	2/35
HSI 190 Advanced HSI Applications I	3/50
HSI 191 Advanced HSI Applications II	3/50