

Hands-On

# Braodband CATV Technicain Essentials



## Course Description

This extensive Hands-On 2-day Three is critical for any Broadband CATV Technician. The topics are covered in this course that will further expand the skills of any technician that has completed our CATV Installation or our CATV RF Basic course. These essential skills will enable the technician to troubleshoot difficult issues and support complex residential and or commercial basic and complex installations.

## Prerequisites

A basic understanding of CATV and RF Systems, this can be obtained in our "Broadband CATV Installation" and "Broadband CATV RF Basic" courses.

## Course Outline

### Module 1 - Grounding/Bonding

- Overview
- Proper Grounding
- Ground Device Attachments
- MDU/Mobile Homes/Boats
- Ground Conditions

### Module 2 - Egress/Ingress

- Egress/Ingress Defined
- Egress
- Ingress
- The "Funnel Effect"
- Conclusion

### Module 3 - Telephone/Alarm

- Residential/ Commercial Phone Services
- Residential/ Commercial Phone Wiring

- Switching to VoIP Service
- Demarc Isolation and Tie-in
- House/ Commercial Alarm Overview
- 

#### **Module 4**

- Review, Test and Evaluation

### **Delivery Method**

Hands-On Instructor-Led with numerous labs and exercises.

### **Equipment Requirements**

**(This apply's to our hands-on courses only)**

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

### **Course Length**

2 Days