SBCA D2 Advantage+ Certification holders are trained in the theory of satellite television systems and the specifics of DIRECTV's multiple dwelling unit system, D2 Advantage (formerly called MFH-2).

The D2 Advantage+ Certification training is enhanced over the previous D2 Advantage (MFH-2) online course, with additional fundamentals modules, updates to DIRECTV D2 Advantage components and procedures, and the AIM meter.
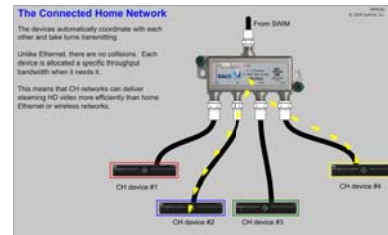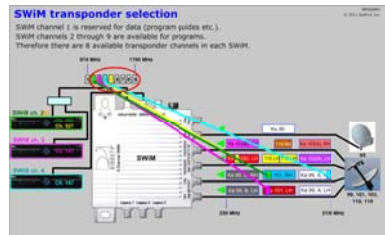
To receive SBCA D2A+ Certification, you must successfully complete the following online activities:
- Course SB101: SBCA online learning and certification overview
- Course SB102: RF and DC Theory for Satellite Systems*
- Course SB103: Theory of Satellite TV Systems*
- Course SB201: The DIRECTV D2 Advantage system
- Course SB202: D2A Components
- Course SB203: D2A Wiring and Setup
- Course SB204: AIM for D2A Overview
- Course SB205: D2A Validation, Troubleshooting, and Upgrading
- D2 Advantage Certification exam

Students who already have a thorough grounding in RF, DC, and satellite TV systems may instead take the SBCA D2A Certification, for which SB102 and SB103 are not required.
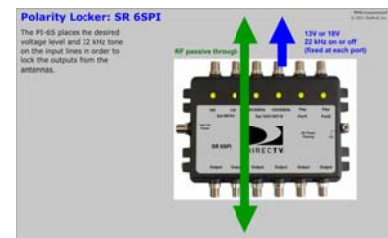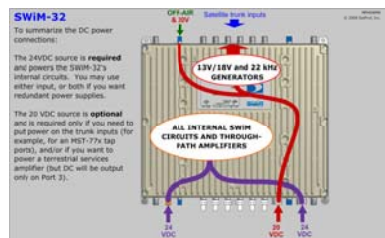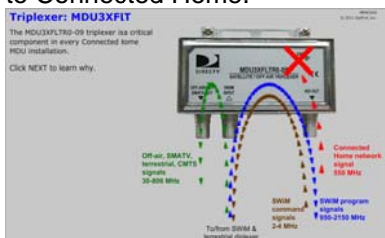
Course SB201: The DIRECTV D2 Advantage system
This course introduces the D2 Advantage system (previously known as MFH-2), which is used in multiple-dwelling unit (MDU) and complex commercial systems. The lessons review the DIRECTV fleet and focus on trunk lines, principles of SWiM devices, overall operation of the D2 Advantage system, and implications for Connected Home services within D2 Advantage systems.
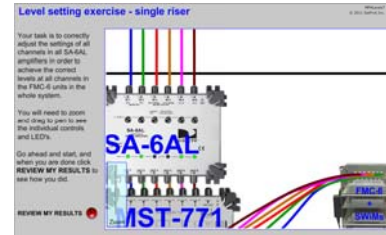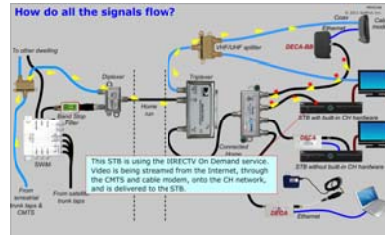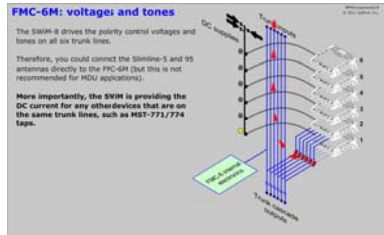
Course SB202: D2A Components
The course studies the hardware components authorized by DIRECTV for the D2 Advantage system, including ODU's (antennas), SWiM modules, general-purpose components for D2A system wiring, and components that are special to Connected Home.
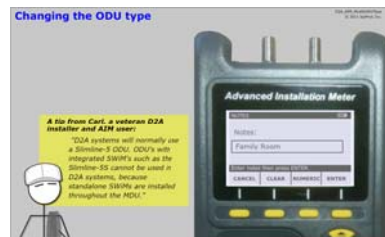
Course SB203: D2A Wiring and Setup

The goal of this course is to learn how to correctly plan and build a D2 Advantage system. Lessons begin with trunk wiring, study the details of closets and lockboxes, cover wiring inside dwellings, review complete system examples, discuss setting levels correctly, and review system configuration rules
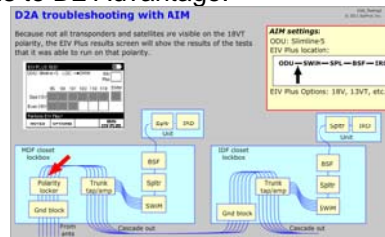

Course SB204: AIM for D2A Overview

SB204 introduces the features and functions of the Advanced Installation Meter (AIM), which is required for all D2 Advantage installations. Lessons start with basic AIM features, then continue with the CONFIG function, the SETUP function, the INSTALL function, and the EIV and TEST functions, and lastly, how to manage records.

Course SB205: D2A Validation, Troubleshooting, and Upgrading

In course SB205, attention is focused on how to validate a new D2 Advantage system, how to troubleshoot problems, and how to upgrade MFH-1 legacy systems to D2 Advantage.

General specifications (SB200-series courses):
Structure: Each course contains 3-5 lessons, with 20-100 screens/steps per lesson.
Audience: All technical personnel working with satellite television systems.
Duration: Allow 20-30 hours of online study to complete all SB200-series courses.
Delivery: Animated & interactive HTML/Flash, self-paced, on-line format. Requires Internet access while studying the course material. High speed access is preferred but is NOT required. Student's computer must be capable of running the Adobe Flash player, version 11.
Tests: Quiz after each lesson.
Certification exam: Approx. 80 questions, drawn from all SB200-series courses.

Satellite Broadcasting & Communications Association
National Standards Testing Program

www.sbcatest.com

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Fees, registration, and further information: Contact us at sbcasupport@satprof.com   *BR-23 Rev 23-Jul-2012*