



# ARRIS E6000 Curriculum Map

|                                       | Foundation                      | Principal  | Advanced  |
|---------------------------------------|---------------------------------|--|---|
| E6000 CER DOCSIS                      | <b>E6D101</b> or <b>E6D103</b>  | <b>E6D201</b> or <b>E6D230</b> and <b>E6D231</b>                   | <b>E6D300E</b> and <b>E6000L</b> then <b>E6D301E</b> and <b>E6D301L</b> or <b>E6D302E</b> then <b>E6D302L</b> or <b>E6D303E</b> then <b>E6D303L</b> or <b>E6D304E</b> then <b>E6D304L</b> |
| Distributed Access Architecture (DAA) | <b>E6D101</b>                   | <b>E6D201</b> then <b>E6D202</b> and/or <b>E6D251</b>              |   |
| E6000 CER Routing                     | <b>E6D101</b>                   | <b>E6D201</b>  | <b>E6R210</b> or <b>E6R211</b> and <b>E6R212</b> or <b>E6R213</b> then <b>E6R214</b> then <b>E6R215</b>   |
| E6000 CER Video                       | <b>E6D101</b> and <b>E6V101</b> | <b>E6D201</b> then <b>E6V204</b> or <b>E6V205</b> or <b>E6V208</b> |   |
| Technology                            | <b>TEC202</b>                   | <b>TEC301</b>  | <b>TEC302</b>   |
| Elective                              | <b>TEC104</b><br><b>E6D105</b>  | <b>E6D203</b><br><b>E6V209</b>                                     |   |

 The Foundation tier of courses includes introductory concepts that provide the required knowledge needed to advance through course tiers. Concepts introduced in this tier include:
 

- E6000 CER Hardware description
- Basic technology introduction
- Overall network diagrams

 The Principal tier of courses includes application of concepts presented in the Foundation tier including hands-on reinforcement of configuration, administration, or monitoring tasks. This tier is required before attending advanced tier courses.

 The Advanced tier of courses includes advanced functionality and troubleshooting concepts and hands-on application. Previous tiers are required before accessing this level.

# ARRIS E6000 Curriculum Map Descriptions by Category

## E6000 CER DOCSIS

**E6D101:** E6000 CER Hardware Overview

**E6D103:** E6000 CER Headend Basics

**E6D201:** E6000 CER Operations

**E6D230:** E6000 CER I-CCAP Monitoring and DOCSIS 3.0 Configuration

**E6D231:** E6000 CER I-CCAP DOCSIS 3.1 Basics, Implementation, and Configuration

**E6D300E, E6D300L:** E6000 CER Advanced Troubleshooting Essentials

**E6D301E, E6D301L:** E6000 CER Cable Modem Registration

**E6D302E, E6D302L:** E6000 CER Theft of Service Prevention

**E6D303E, E6D303L:** E6000 CER RF Impairments

**E6D304E, E6D304L:** E6000 CER Capacity and Bandwidth Troubleshooting

## Distributed Access Architecture (DAA)

**E6D202:** ARRIS RPHY Overview and Implementation

**E6D251:** vManager RPD Manager Release 1.2

## E6000 CER Routing

**E6R210:** IS-IS and the E6000 CER

**E6R211:** BGP Principles

**E6R212:** BGP and the E6000 CER

**E6R213:** OSPF and the E6000 CER

**E6R214:** MPLS Principles

**E6R215:** MPLS and the E6000 CER

## E6000 CER Video

**E6V101:** Digital Video Fundamentals Overview

**E6V204:** E6000 CER Video Applications: Table-based VOD

**E6V205:** E6000 CER Video Applications: Switched Digital Video and Session-based VOD

**E6V208:** E6000 CER Video Applications: Switched Digital Video and Table-based VOD using Annex A or Annex B

**E6V209:** DOCSIS Set-top Gateway Basics

## Technology

**TEC202:** DOCSIS Basics

**TEC301:** DOCSIS Essentials

**TEC302:** Understanding DOCSIS 3.1

## Elective

**E6D105:** Introduction to the E6000 CER in a Passive Optical Network

**E6D203:** E6000 CER Administration Suite

**TEC104:** Wi-Fi Essentials