




# E6000 CER Training Curriculum Map

	Foundation	Principal	Advanced
E6000 CER DOCSIS	E6D101 or E6D103	E6D201 or E6D230 and E6D231 then E6D202	E6D300E and E6000L then E6D301E and E6D301L or E6D302E then E6D302L or E6D303E then E6D303L or E6D304E then E6D304L
E6000 CER Routing	E6D101	E6D201	E6R210 or E6R211 and E6R212 or E6R213 then E6R214 then E6R215
E6000 CER Video	E6D101 and E6V101	E6D201 then E6V204 or E6V205 or E6V208	
Technology	TEC202	TEC301	TEC302
Elective	TEC104 E6D105	E6D203 E6V209	

 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.

**E6000 CER DOCSIS**

**E6D101:** E6000 CER  
Hardware Overview

**E6D103:** E6000 CER  
Headend Basics

**E6D201:** E6000 CER  
Operations

**E6D202:** ARRIS RPHY  
Overview and Implementation

**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

**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