

E6000 CER Curriculum Map

	Foundation	Principal	Advanced
E6000 CER DOCSIS	<u>E6D101</u>	<u>E6D201</u> or <u>E6D230</u> and <u>E6D231</u>	<u>E6D300E</u> and <u>E6000L</u> then <u>E6D301E</u> and <u>E6D301L</u> or <u>E6D302E</u> then <u>E6D302L</u> or <u>E6D303E</u> then <u>E6D303L</u> or <u>E6D304E</u> then <u>E6D304L</u>
Distributed Access Architecture (DAA)	<u>E6D101</u>	<u>E6D201</u> then <u>E6D202</u> or <u>E6D241</u> or <u>E6D242</u>	
E6000 CER Routing	<u>E6D101</u>	<u>E6D201</u>	<u>E6R210</u> or <u>E6R211</u> and <u>E6R212</u> or <u>E6R213</u> then <u>E6R214</u> then <u>E6R215</u>
E6000 CER Video	<u>E6D101</u> and <u>E6V101</u>	<u>E6D201</u> then <u>E6V204</u> or <u>E6V205</u> or <u>E6V208</u>	
Technology	<u>TEC202</u>	<u>TEC301</u>	<u>TEC302</u>
Elective	<u>TEC104</u>	<u>E6D203</u> <u>E6V209</u>	
	<p>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:</p> <ul style="list-style-type: none"> • E6000 CER Hardware description • Basic technology introduction • Overall network diagrams 	<p>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.</p>	<p>The Advanced tier of courses includes advanced functionality and troubleshooting concepts and hands-on application. Previous tiers are required before accessing this level.</p>

[Broadband Networks Technical Training](#)

E6000 CER Curriculum Map

by Category

E6000 CER DOCSIS	Distributed Access Architecture (DAA)	E6000 CER Routing	E6000 CER Video	Technology
<p>E6D101: E6000 CER Hardware Overview</p> <p>E6D201: E6000 CER Operations</p> <p>E6D230: E6000 CER I-CCAP Monitoring and DOCSIS 3.0 Configuration</p> <p>E6D231: E6000 CER I-CCAP DOCSIS 3.1 Basics, Implementation, and Configuration</p> <p>E6D300E, E6D300L: E6000 CER Advanced Troubleshooting Essentials</p> <p>E6D301E, E6D301L: E6000 CER Cable Modem Registration</p> <p>E6D302E, E6D302L: E6000 CER Theft of Service Prevention</p> <p>E6D303E, E6D303L: E6000 CER RF Impairments</p> <p>E6D304E, E6D304L: E6000 CER Capacity and Bandwidth Troubleshooting</p>	<p>E6D202: RPHY Overview and Implementation</p> <p>E6D241: Remote MACPHY Overview and Implementation - L2/CLI version</p> <p>E6D242: Remote MACPHY Overview and Implementation - L3/CLI version</p>	<p>E6R210: IS-IS and the E6000 CER</p> <p>E6R211: BGP Principles</p> <p>E6R212: BGP and the E6000 CER</p> <p>E6R213: OSPF and the E6000 CER</p> <p>E6R214: MPLS Principles</p> <p>E6R215: MPLS and the E6000 CER</p>	<p>E6V101: Digital Video Fundamentals Overview</p> <p>E6V204: E6000 CER Video Applications: Table-based VOD</p> <p>E6V205: E6000 CER Video Applications: Switched Digital Video and Session-based VOD</p> <p>E6V208: E6000 CER Video Applications: Switched Digital Video and Table-based VOD using Annex A or Annex B</p>	<p>TEC202: DOCSIS Basics</p> <p>TEC301: DOCSIS Essentials</p> <p>TEC302: Understanding DOCSIS 3.1</p> <p>Elective</p> <p>E6D203: E6000 CER Administration Suite</p> <p>E6V209: DOCSIS Set-top Gateway Basics</p> <p>TEC104: Wi-Fi Essentials</p>