

Profile Chart: Railway Car Technician (RCT) - Technical Training

Course A: RCT TRADE FOUNDATIONS	A1 Orientation I: Structure and Scope of Skilled RCT Trade Learning Level: 1 Hours: 7	A2 Trade Safety Awareness Level: 1 Hours: 7	A3 RCT Trade Standards and the Regulatory Environment Level: 1 Hours: 21	A4 Orientation II: The Job of Journeywork (Skills Coaching/Mentorship) Level: 3 Hours: 21	A5 Certification Exam Preparation (CEP): Program Review Level: 3 Hours: 63	
Course B: TRADE MATH and DOCUMENT USE	B1 RCT Trade-Math Applications: A Refresher Level: 1 Hours: 14	B2 RCT-Trade Computer Applications Level: 1 Hours: 7	B3 Intro Technical Drawing for RCT Projects Level: 1 Hours: 35	B4 Using RC Blueprints, Schematics, and Other Technical Drawings Level: 2 Hours: 35		
Course C: RCT TOOLS, EQUIPMENT, and WAYS OF WORK	C1 Using RCT Tools, Equipment, and Materials: An Overview Level: 1 Hours: 14	C2 RCT Metalwork and Woodwork Practices Level: 1 Hours: 35	C3 RCT Welding and Cutting Practices Level: 1 Hours: 84	C4 RC Rigging and Materials-Handling Practices Level: 2 Hours: 28	C5 RCT Metal-Fabrication Practices Level: 3 Hours: 70	C6 RCT Painting Practices Level: 3 Hours: 28
Course D: RC UNDERFRAME SYSTEMS	D1 RC Truck-Assemblies and Components Level: 2 Hours: 28	D2 RC Coupling-Systems and Draft-Systems Level: 2 Hours: 21	D3 RC Cushion Units Level: 2 Hours: 14	D4 RC Structural-Underframe Units Level: 2 Hours: 35		
Course E: RC BRAKE SYSTEMS	E1 RC Air-Brakes Level: 1 Hours: 35	E2 RC Hand-Brakes Level: 2 Hours: 7				
Course F: RC BODIES and UNITS	F1 Open-Top Freightcars Level: 2 Hours: 28	F2 Enclosed Freightcars Level: 2 Hours: 35	F3 Passenger Cars I: Baggage, Coach, and Sleeper Level: 2 Hours: 35	F4 Passenger Cars II: Diner and Domed Level: 2 Hours: 8		
Course G: RC PLUMBING and CLIMATE-CONTROL SYSTEMS	G1 RC Plumbing Systems and Components Level: 2 Hours: 21	G2 Pipefitting for RC Projects Level: 3 Hours: 35	G3 RC Climate-Control Systems and Components Level: 3 Hours: 28			
Course H: YARD and OTHER RCT JOBSITE SPECIALTIES	H1: RC Hoisting Practices Level: 1 Hours: 21	H2 Certified Car Inspector (CCI) Level Two: 7 hours Qualification Level: 1 Hours: 35	H3 RC Rerailment Protocols and Procedures Level: 3 Hours: 35	H4 RC Switching Protocols and Procedures Level: 3 Hours: 35		