Railroad Education Resources -- Universities, Community Colleges, and Associations

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University railway education programs/courses		
CO	Colorado State University - Pueblo, degree program	http://ceeps.csupueblo.edu/Engineering/Pages/default.aspx
DE	University of Delaware, degree program	http://www.ce.udel.edu/current/graduate_program/railroad.html
IL	Northwestern University	Advanced Transportation Management Program
IL	University of Illinois at Chicago	http://www.mie.uic.edu/MIE/WebHome
IL	University of Illinois Urbana-Champaign	http://railtec.illinois.edu
IN	Rose-Hulman Institute of Technology	http://www.rose-hulman.edu/news/academics/2013/rose-hulman-helping-keep-railway-engineering-on-track.aspx
KY	University of Kentucky, Rail Center, degree program	http://www.engr.uky.edu/~jrose/RailwayIntro/UK%20Railway%20Brochure.pdf
MA	Massachusetts Institute of Technology, Rail Center, degree program	http://web.mit.edu/hsr-group
MI	Michigan State University	Certificate Course in Railway Management, RMP http://supplychain.broad.msu.edu/railway-management/
MI	Michigan Tech	http://www.rail.mtu.edu/
ND	North Dakota State University	http://www.ugpti.org/
NJ	National Transit Institute	https://www.ntionline.com/
NV	University of Nevada at Las Vegas	http://catalog.unlv.edu/preview_course_nopop.php?catoid=9&coid=58870
OR	Oregon State University	http://catalog.oregonstate.edu/CourseDetail.aspx?subjectcode=CE&coursenumber=553
PA	Pennsylvania State University at Altoona, degree program	http://www.ce.udel.edu/current/graduate_program/railroad.html
PA	Villanova University	https://www1.villanova.edu/content/dam/villanova/engineering/cee/RailwayEngineering.pdf
SC	University of South Carolina, Rail Center, degree program	http://oat.engr.sc.edu/art/?q=node/4
TN	University of Tennessee Center for Transportation Research, College of Engineering	http://ctr.utk.edu/CTRrailcourses/index.html
VA	Virginia Polytechnic Institute and State University, Rail Center	http://www.cvess.me.vt.edu/Labs/RTL/index.html
WI	University of Wisconsin	http://epdweb.engr.wisc.edu/railroad-engineering-courses.lasso

Rail-focused University Transportation Centers that have railway education, training and workforce development elements		
	National University Rail Center (NURail)	http://www.nurailcenter.org/
	UTC for Railway Safety	http://portal.utpa.edu/railwaysafety
Schools with active **AREMA Student Chapters** as they generally represent a concentration of railroad educational interest		https://www.arema.org/education/student/student_chapters.aspx
Class 1 Railroads (BNSF, UP NS etc) and Amtrak		Management Training Programs
		Internship Programs
AREMA Seminars, Education and Training		https://www.arema.org/Seminars/, https://www.arema.org/education/index.aspx
FRA Railroad 101 videos Train Types and Performance, Track Configuration, Basic Operations, Signaling Systems		https://www.youtube.com/watch?v=APtbqZJkw3Y&list=PLPNfsTi6qKt82XB8AcxrSnz4v81oydWL9 and https://www.fra.dot.gov/Page/P0797
UIC International Union of Railways (based in France)		www.uic.org

Community Colleges; Independent Craft Training Programs	http://www.railserve.com/Training_Programs/
Coastal Pines Technical College Railroad Technology Programs - Courses in locomotive elec/mechanical syst, plus degree programs in railroad systems management and railcar repair; Waycross, Georgia	
Colorado State University-Pueblo - Master of Science in Engineering (MSE) with emphasis in railroad engineering through partnership w Transportation Technology Center, Inc. (TTCI) in Pueblo, Colorado	
Corys TESS - French provider of locomotive simulator training and engineering support systems	
Dakota County Technical College Railroad Conductor Technology Program - 15-week program includes classroom and on-campus field exercises; Rosemount, Minnesota	
FasTrack Railroad Academy - Offers an accelerated, one week training program to prepare individuals for a career as a railroad conductor; Roseville, California	
Gateway Community College - Railroad engineering technology courses in New Haven, Connecticut	
George Brown College - Offers a 4-month railway conductor training - road or yard service train crews in North American Class 1, regional, shortline, and industrial railroads; Toronto, Ontario, Canada	
GKC Consulting Company - Offers on-site railroad engineering and maintenance of way training for railroads, contractors, construction firms, and suppliers	
Institute of Railway Studies & Transport History - Railroading research and education at the University of York, UK	
Johnson County Community College - Offers associate degrees in railroad operations through a partnership with the National Academy of Railroad Sciences (NARS); Overland Park, Kansas	
Keeping Track Railroad Consulting and Training - Offers training for locomotive engineers, conductors and brakeman, operating supervisors, and locomotive and car repairman; San Antonio, Texas	
Michigan State University Railway Management Program - Four-week certificate program for current railroad employees features classroom and field experiences in East Lansing, Michigan	
Michigan Tech University - Offers a five-week international program in railway engineering, including three weeks with Tampere University of Technology and Finnish Railways; Houghton, Michigan	
Mineta Transportation Institute - Offers a Master of Science in Transportation Management and graduate certificates in transportation management at San Jose State University	
Modoc Railroad Academy - Railroad industry educational programs including conductor, engineer, and brakeman training; Pleasant Grove, California	
National Academy of Railroad Sciences - Training prog.- locomotive eng.,conductor, yard crew, mech/elec, maint.,signal systems, telecom, dispatcher, yardmaster, and trainmaster; Overland Park, Kansas	
Neway Training Solutions - Rail engineering and safety training programs in Derby, UK	
Northwest Railroad Institute - Offers a six-month training program in railroad operations; Vancouver, Washington	
OpenTrack Simulation of Railway Networks - Simulation developed at the Swiss Federal Institute of Technology and now used by the railway industry, railway consultants, and railway companies	
PC-Rail - Free railway signaling and operating simulations used for hobby or industry training	
PDS, Inc - Provides training in railroad workplace safety, track safety standards, operating rules, and engineering standards	
Penn State Altoona - Offers a rail transportation engineering degree with a curriculum based on civil engineering; Altoona, Pennsylvania	
Power Rail Training & Consulting - Offers training studies, safety audits, and training courses for all levels of railway and metro employees; Vancouver, British Columbia, Canada	
Rail Safety & Training Resources, Inc - Provides operations training (engineer, conductor, brakeman) and also databases and writes rulebooks for rail companies	
Rail Training International (RTI) - UK provider of rail operations and technical training	
Railroad Occupations & Wages - Guide to railroad employment including occupations, wages, and salaries	

Railroad Records & Statistics - State-by-state rail mileage, traffic, employment, and railcar stats
Railroad Training Services - Consulting and training resource for shortline railroads, logistics companies, construction firms, and others
RailroadTraining.biz - Training programs for railroad organizations including FRA 213 Track Safety Standards and FRA 214 Railroad Workplace Safety
Railway Educational Bureau - Rail industry education and training, including distance training courses, workshops, work site training, and training-related consulting
Renown Training - UK provider of railway safety training and assessment services
Roadway Worker Training (RWT) - Safety, compliance, and technical training for railroads, transit systems, contractors, suppliers, and consultants
RTC - Produces computer-based training software for the railroad industry and offers professional training, documentation, and FRA compliance services
Sacramento City College - Offers a six-course career certificate program in railroad operations; Sacramento, California
SAIT Polytechnic - Offers a 15-week railway conductor training program at the Centre for Rail Training and Technology in Calgary, Alberta, Canada
Simmons-Boardman Books, Inc - Publisher and retailer of railway books and training materials covering virtually all aspects of the industry
Southern Cross Rail Training - Provides rail industry training including safety, operations, infrastructure, maintenance, and inspection; Chullora, NSW, Australia
Tarrant County College - Offers a railroad dispatcher certificate program that trains students in the rules, regulations, and procedures of train dispatching; Fort Worth, Texas
TCC (Training & Consulting Connection) - Provides railroads and affiliated firms with training, consulting, and staffing services
Track Guy Consultants - Consulting services for the railroad construction industry including contractor assistance, training programs, track inspection, bid preparation, project management, and more
TrackSense - Technical and safety training for engineering departments of railroads, contractors, and shippers
Transit Safety Management - Rail safety, regulatory, training, and operations consulting
TransLink Research Center - US national, multi-modal, multi-agency public-private program of research, development, and professional education in the surface transportation industry
Transportation Certification Services (TCS) - Customized rail industry training and certification services for Class Is, regionals, shortlines, industry switching, and high speed passenger operations
Transportation Technology Center, Inc - Research, development, testing, consulting, and training for freight, passenger, and transit systems worldwide, including a 48 mile test track in Pueblo, Colorado
TransportationU.com - Online courses in derailment investigation, derailment prevention, and railroad track inspection
Tritech Rail Training - Rail engineering and safety training in Cheadle, Staffordshire, UK
TÜV Rheinland Rail Sciences - Specializing in derailment investigation, track/train dynamics, and operations planning & analysis
University of Denver Intermodal Transportation Institute - Offers an Executive Master's Program that awards a Master of Science in Intermodal Transportation; Denver, Colorado
University of Illinois Railroad Engineering Program - Offers railroad engineering classes and hosts industry conferences and research programs; Urbana, Illinois
University of Tennessee Center for Transportation Research (CTR) - Offers courses on railroad safety and construction in Knoxville, Tennessee
University of Wisconsin Madison Railroad Engineering Courses - Courses for railroad professionals, consultants, and contractors; Madison, Wisconsin
Web Rail - Australian provider of e-learning courses in railroad operations and signaling