

Signal Training 2010 Schedule

Course Acronym	Course Code	Class Title	Description	StartDate	End Date	Fast Track
		FSTP 210410				07/19/2010-8/27/2010
		FSTP 210510				09/20/2010-10/29/2010
RREL	110	Introduction to Railroad Signal Systems	This course is the first of a series of four designed to provide entry (apprentice) level training to new signal employees, or those seeking to enter this trade. Upon successful completion of this course, the student should be able to describe basic company organization, operating and safety rules pertaining to signalmen, basic principles of electricity and measurement as well as protective devices. Also he or she should have a basic understanding of signal systems, track circuits, and Federal Railroad Administration (FRA) rules.			
RREL	112	Track Circuits and Systems	This course is the second of a series of four designed to provide entry (apprentice) level training to new signal employees, or those seeking to enter this trade. Upon successful completion of this course, the student should be able to describe and explain the operation of various track circuits, relay and control circuits, automatic block systems, locks, power operated switch machine and applicable rules and standards.			

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RREL	114	Traffic Control, Switch Machines & Locks	This course is the third of a series of four designed to provide entry (apprentice) level training to new signal employees, or those seeking to enter this trade. This course is a review of the power operated switch machine, automatic block signaling systems and electric locks. The student is introduced to the centralized traffic systems and power switches. Student should also be familiar with ground testing and isolation, as well as applicable rules and standards.			
RREL	116	Interlockings, Classification, Crossings & Gates	This course is the last of a series of four designed to provide entry (apprentice) level training to new signal employees, or those seeking to enter this trade. Upon successful completion of this course, the student should be able to perform interlocking plant and route plant analysis, explain classification yards, grade crossing warning systems, gates, and other devices, as well as applicable rules and standards.			