

Mechanical Technical Training

Course Acronym	Course Code	Class Title	Description	StartDate	End Date
AARB	1004	AAR BILLING RULES	Ideal course for carmen or freight car personnel that need to perform AAR Billing. Course is designed to teach the rules, proper method of reporting and use of hand held computer billing for freight car repairs. (One-week duration.)	05/10/2010	05/14/2010
AARB	1005	AAR BILLING RULES		06/28/2010	07/02/2010
AARB	1006	AAR BILLING RULES		08/16/2010	08/20/2010
AARB	1007	AAR BILLING RULES		10/04/2010	10/08/2010
AARB	1008	AAR BILLING RULES		11/08/2010	11/12/2010
FCRT	1003	FRT CAR RIP TRACK	Ideal course for carmen or freight car personnel that work in a repair track environment. Course is designed to teach the proper methods of inspecting, repairing and maintaining Freight Car Equipment. (One-week duration.)	05/10/2010	05/14/2010
FCRT	1004	FRT CAR RIP TRACK		06/28/2010	07/02/2010
FCRT	1005	FRT CAR RIP TRACK		08/09/2010	08/13/2010
FCRT	1006	FRT CAR RIP TRACK		10/04/2010	10/08/2010
FCTY	1003	FRT CAR TRAIN YARD	Ideal course for carmen or personnel that work in a train yard environment. Course is designed to teach the proper methods of inspecting, testing, and repairing freight cars in the train yard. (One-week duration.)	04/26/2010	04/30/2010
FCTY	1004	FRT CAR TRAIN YARD		06/14/2010	06/18/2010
FCTY	1005	FRT CAR TRAIN YARD		08/02/2010	08/06/2010
FCTY	1006	FRT CAR TRAIN YARD		10/18/2010	10/22/2010
FCAB	1003	FRT CAR AIR BRAKE, BASIC	Ideal course for a personnel with limited experience on freight car air brake systems. Course is designed to teach the proper methods of performing the Single Car Test. Emphasis is placed on freight car air brake fundamentals. (One-week duration.)	05/24/2010	05/28/2010
FCAB	1004	FRT CAR AIR BRAKE, BASIC		07/12/2010	07/16/2010
FCAB	1005	FRT CAR AIR BRAKE, BASIC		08/16/2010	08/20/2010
FCAB	1006	FRT CAR AIR BRAKE, BASIC		10/11/2010	10/15/2010
FCAA	1002	FRT CAR AIR BRAKE, ADVANCED	Ideal course for more experienced freight car personnel. Course is designed to teach the proper methods of troubleshooting and repairing freight car air brake systems, including electronically controlled pneumatic (ECP) brake systems. Note Perquisite FCAB Basic Air (One-week duration)	04/12/2010	04/16/2010
FCAA	1003	FRT CAR AIR BRAKE, ADVANCED		06/07/2010	06/11/2010
FCAA	1004	FRT CAR AIR BRAKE, ADVANCED		07/19/2010	07/23/2010
FCAA	1005	FRT CAR AIR BRAKE, ADVANCED		08/23/2010	08/27/2010
FCAA	1006	FRT CAR AIR BRAKE, ADVANCED		10/18/2010	10/22/2010
FCIM	1003	FRT CAR INTERMODAL	Course is designed to teach the proper methods of inspecting, testing, and repairing articulated connectors and air brake systems found on intermodal equipment. (One-week duration)	06/14/2010	06/18/2010
FCIM	1004	FRT CAR INTERMODAL		08/30/2010	09/03/2010
FCIM	1005	FRT CAR INTERMODAL		10/25/2010	10/29/2010

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FCOT	1003	FRT CAR OPEN TOP LOADS	Ideal course for freight car personnel who are frequently required to measure open top loads. Course is designed to teach the proper methods of inspecting, maintaining, reporting and measuring open top loads. (One-week duration.)	05/03/2010	05/07/2010
FCOT	1004	FRT CAR OPEN TOP LOADS		06/21/2010	06/25/2010
FCOT	1005	FRT CAR OPEN TOP LOADS		08/09/2010	08/13/2010
FCOT	1006	FRT CAR OPEN TOP LOADS		09/27/2010	10/01/2010
FCOTR	1002	FRT CAR OPEN TOP LOADS RECERTIFICATION	Course is set up for recertification of freight car personnel who are required to measure open top loads for BNSF under contract agreement. Course is designed as a refresher on the proper methods of inspecting, maintaining, reporting and measuring open top loads. (Three-day duration.)	04/26/2010	04/28/2010
FCOTR	1003	FRT CAR OPEN TOP LOADS RECERTIFICATION		07/26/2010	07/28/2010
FCOTR	1005	FRT CAR OPEN TOP LOADS RECERTIFICATION		11/01/2010	11/03/2010
FCMP	1001	FREIGHT CAR MAGNETIC PARTICLE INSPECTION	Course is designed to teach the use of Non-destructive Testing for defects in coupler knuckles as well as instructions covering test equipment, testing and procedures for rolling stock based upon AAR NDT M-220 Specification using AC Yoke and the Dry Magnetic Particle method. (Two-day course)	05/03/2010	05/04/2010
FCMP	1002	FREIGHT CAR MAGNETIC PARTICLE INSPECTION		09/13/2010	09/14/2010
MMCO	1001	MECHANICAL MOBILE CRANE OPERATOR	Course is designed to teach mechanical students the proper methods of operating a mobile crane. (One-week duration.)	04/19/2010	04/23/2010
MMCO	1002	MECHANICAL MOBILE CRANE OPERATOR		08/16/2010	08/20/2010
MERT	1003	MECHANICAL ROAD TRUCK	Ideal course for carmen or personnel that work on cars not in a shop environment. Course is designed to teach the proper methods of inspecting, testing, and repairing freight cars with a road truck. (One-week duration.)	05/24/2010	05/28/2010
MERT	1004	MECHANICAL ROAD TRUCK		07/12/2010	07/16/2010
MERT	1005	MECHANICAL ROAD TRUCK		08/23/2010	08/27/2010
MERT	1006	MECHANICAL ROAD TRUCK		10/11/2010	10/15/2010
MEW	1003	MECHANICAL ELEMENTS OF WELDING	Ideal course for beginners with no or limited welding experience. Course is designed to teach the proper methods of welding and setting up of welding equipment to meet AWS D15.1 Railroad Welding Specifications. (Two-week duration)	04/12/2010	04/23/2010
MEW	1004	MECHANICAL ELEMENTS OF WELDING		06/21/2010	07/02/2010
MEW	1005	MECHANICAL ELEMENTS OF WELDING		08/23/2010	09/03/2010
MEW	1006	MECHANICAL ELEMENTS OF WELDING		12/06/2010	12/17/2010
MWBW	1002	MECHANICAL WELDING BASIC WIRE	This course is designed to teach the proper methods of using a plasma torch and cutter and wire feed welding.	07/12/2010	07/23/2010
MWBW	1003	MECHANICAL WELDING BASIC WIRE	Note Prerequisite: MEW Mech Elements of Welding (Two-week duration)	09/27/2010	10/08/2010

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AEMDB	1001	EMD DIESEL BASIC	Course is designed to teach the proper methods of operation, maintenance, and repair requirements for diesel engine systems found on EMD diesel-powered locomotives. (One-week duration.)	06/28/2010	07/02/2010
AEMDB	1002	EMD DIESEL BASIC		10/11/2010	10/15/2010
EMDA	1001	EMD DIESEL ADVANCED	Ideal course for a personnel with limited experience on EMD Locomotive. Course is designed to address turbocharger troubleshooting and change out, operation, testing, adjustments and troubleshooting unique to EMD locomotives equipped with EFI fuel injection and split cooling. Note Prerequisite: EMD Mechanical, Basic (One-week duration.)	04/26/2010	04/30/2010
EMDA	1002	EMD DIESEL ADVANCED		08/16/2010	08/20/2010
AEMDA	1004	EMD DIESEL ADVANCED APPRENTICE ONLY		06/07/2010	06/11/2010
AEMDA	1003	EMD DIESEL ADVANCED APPRENTICE ONLY		06/21/2010	06/25/2010
AEMDA	1005	EMD DIESEL ADVANCED APPRENTICE ONLY		07/26/2010	07/30/2010
AEMDA	1006	EMD DIESEL ADVANCED APPRENTICE ONLY		08/23/2010	08/27/2010
LABB	1004	LOCO AIR BRAKE, BASIC	Ideal course for a personnel with limited experience on locomotive air brake systems. This course emphasizes the basics of 26L locomotive air brake operation and testing. It also covers railroad and FRA air brake standards (One-week duration.)	06/07/2010	06/11/2010
LABB	1002	LOCO AIR BRAKE, BASIC		10/04/2010	10/08/2010
LABB	1003	LOCO AIR BRAKE, BASIC		11/15/2010	11/19/2010
ALAB	1001	LOCOMOTIVE AIR BASIC		06/21/2010	06/25/2010
ALAB	1003	LOCOMOTIVE AIR BASIC		08/16/2010	08/20/2010
ALAB	1002	LOCOMOTIVE AIR BASIC		10/18/2010	10/22/2010
CCB	1001	AIR BRAKE CCB 1 & 2	Ideal course for a personnel with some experience on locomotive air brake systems. Course will address operation; testing and troubleshooting of Knorr CCB I and CCB II air brake systems. Note Prerequisite: Locomotive Air Brake, Basic (One-week duration.)	04/19/2010	04/23/2010
CCB	1002	AIR BRAKE CCB 1 & 2		05/24/2010	05/28/2010
ACCB	1002	AIR BRAKE CCB 1 & 2 APPRENTICE		04/12/2010	04/16/2010
ACCB	1003	AIR BRAKE CCB 1 & 2 APPRENTICE		06/14/2010	06/18/2010
ACCB	1004	AIR BRAKE CCB 1 & 2 APPRENTICE		06/28/2010	07/02/2010
ACCB	1005	AIR BRAKE CCB 1 & 2 APPRENTICE		08/02/2010	08/06/2010
ACCB	1006	AIR BRAKE CCB 1 & 2 APPRENTICE		08/30/2010	09/03/2010

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			Designed to increase employee's knowledge of air brake operation and systems, this detailed course addresses the operation and troubleshooting of 26L and 30CDW air brake systems. Note Prerequisite: Locomotive Air Brake, Basic (One-week duration.)		
ALAA	1003	LOCOMOTIVE AIR ADVANCED		08/16/2010	08/20/2010
ALAA	1004	LOCOMOTIVE AIR ADVANCED		09/20/2010	09/24/2010
LABA	1002	LOCO AIR BRAKE, ADVANCED		05/03/2010	05/07/2010
BEMD	1002	EMD MECHANICAL BASIC	Course is designed to teach the proper methods of operation, maintenance, and repair requirements for diesel engine systems found on EMD diesel-powered locomotives. (One-week duration.)	09/20/2010	09/24/2010
BEMD	1003	EMD MECHANICAL BASIC		11/15/2010	11/19/2010
			Course is designed to teach the proper methods of operation, maintenance, and repair requirements for the diesel engine found on GE diesel-powered locomotives. (One-week duration.)		
AGEDB	1003	GE DIESEL BASIC		08/09/2010	08/13/2010
AGEDB	1004	GE DIESEL BASIC		09/13/2010	09/17/2010
AGEDB	1001	GE DIESEL BASIC		10/25/2010	10/29/2010
GEDA	1001	GE DIESEL ADVANCED	Course will address turbocharger troubleshooting, split gear and camshaft drive change out, adjustments, and troubleshooting unique to GE locomotives equipped with EFI fuel injection and split cooling. Note Prerequisite: GE Mechanical, Basic (One-week duration.)	07/19/2010	07/23/2010
AGEDA	1001	GE DIESEL ADVANCED APPRENTICE		10/25/2010	10/29/2010
GEB	1002	GE MECHANICAL BASIC	Course is designed to teach the proper methods of operation, maintenance, and repair requirements for diesel engine systems found on GE diesel-powered locomotives. (One-week duration.)	09/27/2010	10/01/2010
ROTE	1001	ROTATING EQUIPMENT	Course will address the proper techniques of alignment of all equipment with emphasis on alignment of all EMD rotating equipment and GE alternators. (One-week duration.)	05/24/2010	05/28/2010
AROTE	1002	ROTATING EQUIPMENT APPRENTICE		05/10/2010	05/14/2010
AROTE	1003	ROTATING EQUIPMENT APPRENTICE		07/12/2010	07/16/2010
AROTE	1004	ROTATING EQUIPMENT APPRENTICE	11/01/2010	11/05/2010	
			Ideal course for a new supervisor or lead person. Course is designed to teach the proper methods of identifying and dealing with FRA compliance issues. (One-week duration.)		
FRAS	1002	LOCOMOTIVE FRA REGULATIONS		10/11/2010	10/15/2010
FRAS	1003	LOCOMOTIVE FRA REGULATIONS	10/04/2010	10/08/2010	

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BEE	1002	BASIC ELEC/ELECTRONICS	Ideal course for apprentices or journeymen to gain a basic understanding of the theory and operation of electrical and electronic circuitry on modern locomotives. This course is a very effective complement to the EMD Electrical Systems class. (One-week duration.)	05/24/2010	05/28/2010
BEE	1003	BASIC ELEC/ELECTRONICS		06/07/2010	06/11/2010
BEE	1004	BASIC ELEC/ELECTRONICS		10/25/2010	10/29/2010
AEMB1	1001	EMD ELEC. BASIC 1	Apprentice Course addresses schematic interpretation and gives a basic understanding of the low voltage electrical systems. Precursor to the EMD-2 Electrical Systems - Part 2. (One-week duration)	07/12/2010	07/16/2010
AEMB1	1002	EMD ELEC. BASIC 1		10/11/2010	10/15/2010
AEMB2	1001	EMD ELEC. BASIC 2		07/19/2010	07/23/2010
AEMB2	1002	EMD ELEC. BASIC 2		10/18/2010	10/22/2010
EMDE	1001	LOW HORSEPOWER ELEC. SYSTEMS	Ideal course for apprentices or journeymen with limited experience of a basic understanding of EMD electrical systems. Recommended precursor to the EMD-2 Electrical Systems. (One-week duration.)	06/14/2010	06/18/2010
EMDE	1002	LOW HORSEPOWER ELEC. SYSTEMS		11/01/2010	11/05/2010
CCBE	1002	CCB AIR BRAKE SYSTEMS ELECTRICAL	Ideal course for a journeymen with some experience on locomotive air brake systems. Course will address operation; testing and troubleshooting of Knorr CCB I and CCB II air brake systems. (One-week duration.)	07/19/2010	07/23/2010
SD401	1001	EMD SD40 DASH 2 ELECTRICAL SYSTEMS PART 1	Ideal course for a personnel need a basic understanding of the SD40-2 electrical systems. Note this is a two part course. Part 1 Course addresses schematic interpretation and gives a basic understanding of the low voltage electrical systems. Part 2 Course addresses the excitation, dynamic braking, wheel slip, ground relay, and engine protection systems. (One-week duration)	06/21/2010	06/25/2010
SD401	1002	EMD SD40 DASH 2 ELECTRICAL SYSTEMS PART 1		11/08/2010	11/12/2010
SD402	1002	EMD SD40 DASH 2 ELECTRICAL SYSTEMS PART 2		09/27/2010	10/01/2010
LRCS	1002	CANAC LOCOMOTIVE REMOTE CONTROL SYSTEM	Ideal course for apprentices or journeymen to gain a basic understanding of operation, safety considerations, and troubleshooting of the Remote Control Systems. Course addresses how the system interfaces with locomotive pneumatic and electrical systems. Note: GE or CANAC training. (One-week duration.)	08/16/2010	08/20/2010
LRCS	1003	CANAC LOCOMOTIVE REMOTE CONTROL SYSTEM		11/29/2010	12/03/2010
GELRCS	1001	GE LOCOMOTIVE REMOTE CONTROL SYSTEMS		04/19/2010	04/23/2010

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D89E	1002	GE DASH 8 & 9 ELECTRICAL	The proper methods of inspecting, maintaining, troubleshooting and repairing GE Dash 8 and Dash 9 locomotive electrical systems. (One-week duration.)	06/28/2010	07/02/2010
D89E	1003	GE DASH 8 & 9 ELECTRICAL		10/04/2010	10/08/2010
D89E	1004	GE DASH 8 & 9 ELECTRICAL		11/15/2010	11/19/2010
AGEA	1001	GE DASH 9 ELECTRICAL SYSTEMS	Apprentice class to address the proper methods of inspecting, maintaining, troubleshooting and repairing GE Dash 9 locomotive electrical systems. (One-week duration.)	04/12/2010	04/16/2010
AGEA	1002	GE DASH 9 ELECTRICAL SYSTEMS		08/02/2010	08/06/2010
AGEA	1003	GE DASH 9 ELECTRICAL SYSTEMS		09/13/2010	09/17/2010
AGEA	1004	GE DASH 9 ELECTRICAL SYSTEMS		10/25/2010	10/29/2010
SD70	1001	SD70MAC ELEC.	The proper methods of inspecting, maintaining, troubleshooting and repairing Electro-Motive Division SD70MAC locomotive electrical systems with emphasis on EM2000 computer logic. Note Prerequisite: EMD-2 Electrical Systems (One-week duration.)	08/23/2010	08/27/2010