

2001

COURSE CATALOG

TRACKSENSE INC.
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About our Company...

TrackSense Inc. was conceived and created in January 1999 by two former Conrail employees, Larry Slater and Craig Kerner, to meet the engineering and FRA safety training needs of the railroad industry, railroad contractors, and private industry rail shippers.

Larry Slater has been employed in the railroad industry since 1972, and has worked as a Track Foreman, Track Supervisor, Engineer Track, System Maintenance of Way Instructor, and Manager of Engineering Training.

Craig Kerner has been employed in the railroad industry for over twenty-five years, and has worked as a Track Foreman, Track Inspector, Asst. Supervisor, Roadmaster, and System Maintenance of Way Instructor.

Both of us are members of AREMA (American Railway Engineering and Maintenance of Way Association) and are active on Committee 24, Education and Training. Our many years in the rail industry, coupled with our training background, gives us the unique ability to be able to design effective training programs that take complex railroad and government regulations and present them to your employees in a

" Common Sense " , relaxed format that ensures maximum learning and retention, and most importantly makes for a safer, more productive employee.

All of our training programs are instructor led by a qualified former railroad trainer, and can be given at a training location of your choice. We can provide all needed training materials, if required, and we can also arrange for actual field training at your facility.

Our goal is to provide our customers with the most up to date, effective training available, with the least disruption to your business at a reasonable cost!



4 HOUR FRA 214 ROADWAY WORKER ON-TRACK SAFETY FOR CONTRACTORS

LEARNING OBJECTIVES:

THIS COURSE WILL MEET THE FRA ON-TRACK SAFETY REQUIREMENTS FOR ROADWAY WORKER TRAINING. THE COURSE HAS BEEN DEVELOPED BY TRACKSENSE INC., AND CAN BE CUSTOMIZED TO MEET ANY OF YOUR ROADWAY WORKER TRAINING NEEDS. THE CLASS IS INSTRUCTOR LED TO ALLOW ANY QUESTIONS OR CONCERNS WITH THE ON-TRACK SAFETY RULES TO BE DISCUSSED.

TARGET POPULATION:

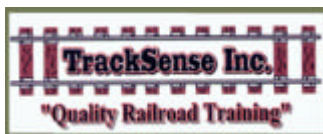
ANY EMPLOYEE, OR CONTRACTOR TO THE RAILROAD WHO IS OR MIGHT BE A ROADWAY WORKER.

PREREQUISITE:

NONE

LOCATIONS:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



EIGHT DAY TRACK FOREMAN COURSE

LEARNING OBJECTIVES:

TO INCREASE STUDENTS OVERALL KNOWLEDGE OF THE TECHNICAL SKILLS NEEDED TO PERFORM THEIR JOB SAFELY AND ECONOMICALLY. EMPHASIS IS PLACED ON TRACK GEOMETRY PARAMETERS, AND EQUAL TIME IS SPENT ON THE MAINTENANCE AND CONSTRUCTION OF THE TRACK STRUCTURE AND THE INSPECTION REQUIREMENTS OF THE FRA 213 TSS MANUAL. THIS COURSE COVERS THE ENTIRE TRACK STRUCTURE, AND IS A MUST FOR ANY FOREMAN, OR POTENTIAL FOREMAN. THIS COURSE CAN BE DIVIDED INTO TWO SEPARATE FOUR DAY CLASSES.

TARGET POPULATION:

ANY FOREMAN OR ASST. FOREMAN OR ANY EMPLOYEE CONTEMPLATING WORKING A FOREMAN'S JOB.

PREREQUISITE:

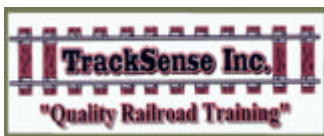
NONE.

STUDENTS NEED TO BRING:

FRA 213 TSS MANUAL, ON-TRACK SAFETY MANUAL, SAFETY RULE BOOK, 2nd WEEK ONLY - - HARD-HAT, SAFETY EYE WEAR, WHISTLE, SAFETY FOOTWEAR, CLOTHING FOR FIELD TRIP APPROPRIATE FOR TIME OF YEAR.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



FOUR DAY ROADMASTER COURSE

LEARNING OBJECTIVES:

TO REINFORCE CONSTRUCTION, MAINTENANCE AND FRA 213 TSS INSPECTION LIMITS CRITERIA. THIS COURSE ALSO LOOKS AT ANY CHANGES IN POLICIES AND PROCEDURES RELATING TO BOTH THE RAILROAD AND THE FRA. EMPHASIS IS PLACED ON TURNOUTS, TRACK GEOMETRY, AND CAN BE CUSTOMIZED TO MEET THE NEEDS OF YOUR RAILROAD.

TARGET POPULATION:

ALL ROADMASTERS, SUPERVISORS AND ASST. SUPERVISORS (BASIC AND PRODUCTION), AND POTENTIAL ROADMASTERS OR SUPERVISORS.

PREREQUISITE:

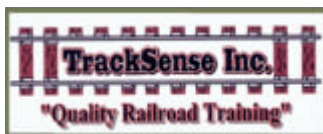
NONE.

PARTICIPANTS NEED TO BRING:

FRA 213 TSS MANUAL, ON-TRACK SAFETY MANUAL, SAFETY RULE BOOK, COPY OF YOUR RAILROADS ENGINEERING MAINTENANCE POLICY MANUAL.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



FOUR DAY TRACK INSPECTION COURSE

LEARNING OBJECTIVES:

TO INCREASE THE PARTICIPANTS KNOWLEDGE AND SKILLS RELATING TO TRACK INSPECTIONS. THIS COURSE COMBINES INTENSIVE FRA 213 TSS CLASSROOM TRAINING ALONG WITH ACTUAL FIELD DEMONSTRATION AND TESTING. EMPHASIS IS PLACED NOT ONLY ON THE DETECTION OF TRACK DEFECTS, BUT ALSO ON THE APPLICATION OF APPROPRIATE REMEDIAL ACTIONS TO COMPENSATE FOR THE DEFECTS. A MAJOR PORTION OF THE COURSE IS SPENT ON TRACK GEOMETRY, AND THE PROPER COMPLETION OF THE REQUIRED INSPECTION REPORTS.

TARGET POPULATION:

WORKING TRACK INSPECTORS WHO HAVE NEVER ATTENDED, OR HAVE NOT ATTENDED IN THE LAST FIVE YEARS. ANY FOREMAN WHO INSPECTS TRACK ON VACATION RELIEF, OR PART TIME BASIS. ANY FOREMAN CONTEMPLATING BIDDING AN INSPECTORS POSITION.

PREREQUISITE:

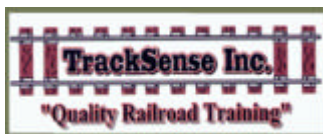
STUDENT SHOULD HAVE ATTENDED EIGHT DAY FOREMAN TRAINING.

STUDENTS NEED TO BRING:

HARD-HAT, SAFETY EYE WEAR, GLOVES, SAFETY FOOTWEAR, TAPE MEASURE, WHISTLE, CLOTHING FOR FIELD WORK APPROPRIATE TO TIME OF YEAR, FRA 213 TSS MANUAL, ON-TRACK SAFETY MANUAL, SAFETY RULE BOOK.

LOCATIONS:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



FOUR HOUR SIGNAL BASIC TRACK REQUIREMENTS

LEARNING OBJECTIVES:

TO INCREASE SIGNAL DEPARTMENT EMPLOYEES KNOWLEDGE OF THE REQUIREMENTS OF WORKING ON OR ABOUT THE TRACK AND ITS STRUCTURE AS PER FRA TSS 213.7C, AND QUALIFY EMPLOYEES TO VISUALLY SUPERVISE TRAINS OVER CERTAIN BROKEN RAILS AND PULLAPARTS. THIS TRAINING MEETS THE REQUIREMENTS OF THE FRA FOR VISUALLY SUPERVISING MOVEMENTS OVER BROKEN RAILS AND PULLAPARTS, AND INCLUDES A QUALIFICATION EXAM.

TARGET POPULATION:

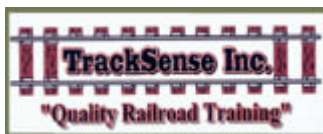
ANY SIGNAL DEPARTMENT, OR NON 213.7a OR 213.7b, QUALIFIED TRACK DEPARTMENT EMPLOYEE WHOSE JOB REQUIRES THEM TO WORK ON OR ABOUT THE TRACK OR ITS STRUCTURE.

PREREQUISITE:

AT LEAST ONE YEAR MW OR SIGNAL EXPERIENCE.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



ONE DAY BOOM TRUCK SEMINAR

LEARNING OBJECTIVES:

PARTICIPANTS WILL BE GIVEN AN OVERVIEW OF BOOM TRUCK COURSES GIVEN FOR TRACK, BRIDGE & BUILDING, AND SIGNAL EMPLOYEES. THIS SEMINAR IS CLASS ROOM ONLY, AND IS DESIGNED TO KEEP SUPERVISION INFORMED ON CURRENT INFORMATION BEING GIVEN TO THE FIELD FORCES IN REGARDS TO HOISTING EQUIPMENT. THIS CLASS WILL COVER REQUIREMENTS OF OSHA/ANSI MOBILE CRANE INSPECTION PARAMETERS, FOR BOTH "STICK BOOM" , AND "KNUCKLE BOOM" EQUIPPED VEHICLES.

TARGET POPULATION:

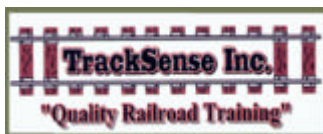
ALL ENGINEERING DEPT. SUPERVISION.

PREREQUISITE:

NONE.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



ONE DAY GENERAL CODE OF OPERATING RULES TRAINING FOR ENGINEERING DEPT. EMPLOYEES, OR RAILROAD CONTRACTORS

LEARNING OBJECTIVES:

THIS COURSE COVERS OPERATING RULES FOUND IN THE LATEST EDITION OF THE GENERAL CODE OF OPERATING RULES APPLICABLE TO RAILROAD ENGINEERING DEPARTMENT EMPLOYEES, OR CONTRACTORS TO RAILROADS WHO WISH TO BETTER UNDERSTAND THE OPERATING RULES. THE COURSE HAS BEEN DESIGNED BY TRACKSENSE INC., AND CAN BE CUSTOMIZED TO MEET THE SPECIFIC OPERATING RULES TRAINING REQUIREMENTS OF ANY RAILROAD. THE COURSE IS PRESENTED AS A POWERPOINT PROGRAM, AND IS INSTRUCTOR LED TO ANSWER ANY QUESTIONS THAT MAY ARISE. WE ARE CURRENTLY PROVIDING THIS TRAINING TO THE ENGINEERING DEPARTMENT EMPLOYEES OF THE KANSAS CITY SOUTHERN RAILWAY, AND CONTRACTORS WORKING ON THE DNGO RAILROAD (RAIL AMERICA) IN TEXAS.

TARGET POPULATION:

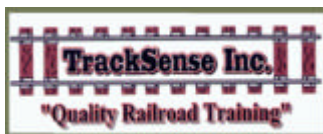
ANY ENGINEERING DEPARTMENT EMPLOYEE OF A RAILROAD, OR CONTRACTOR TO A RAILROAD, WHO IS INTERESTED IN BECOMING QUALIFIED ON THE OPERATING RULES.

PREREQUISITE:

NONE.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



THREE DAY B&B BOOM TRUCK COURSE

LEARNING OBJECTIVES:

PARTICIPANTS WILL UNDERSTAND THE BASICS OF WIRE ROPE, SLINGS, BOOM ANGLES AND RADIUS OF OPERATION, AND THE MAINTENANCE, INSPECTION AND SAFE OPERATION OF THE DIFFERENT TYPES OF HOISTING EQUIPMENT, INCLUDING KNUCKLE BOOMS AND PERSONNEL BUCKETS, USED IN THE B&B DEPARTMENT. THIS COURSE MEETS THE OSHA/ANSI REQUIREMENTS FOR MOBILE CRANE TRAINING. TIME IS SPENT BOTH IN THE CLASSROOM AND IN THE FIELD WITH " HANDS ON " TRAINING, USING ONE OF YOUR B&B DEPARTMENT BOOM TRUCKS.

TARGET POPULATION:

ALL BRIDGE AND BUILDING DEPARTMENT EMPLOYEES WHO OPERATE, OR MAY OPERATE, ANY HOISTING EQUIPMENT.

PREREQUISITE:

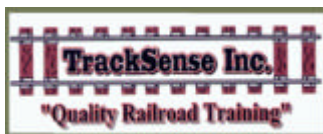
NONE.

STUDENTS NEED TO BRING:

SAFETY RULE BOOK, DRIVERS LICENSE/CDL, HARD-HAT, SAFETY EYE WEAR, SAFETY FOOTWEAR, AND CLOTHING FOR FIELD TRIP APPROPRIATE FOR TIME OF YEAR.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



THREE DAY SIGNAL BOOM TRUCK COURSE

LEARNING OBJECTIVES:

PARTICIPANTS WILL UNDERSTAND BASICS OF WIRE ROPE AND SYNTHETIC LOAD LINE, SLINGS, BOOM ANGLES AND RADIUS OF OPERATION, AND THE MAINTENANCE, INSPECTION AND SAFE OPERATION OF DIFFERENT TYPES OF HOISTING EQUIPMENT USED IN THE SIGNAL DEPARTMENT. THIS COURSE MEETS THE OSHA/ANSI REQUIREMENTS FOR MOBILE CRANE TRAINING. TIME IS SPENT BOTH IN THE CLASSROOM AND IN THE FIELD WITH " HANDS ON " TRAINING, USING ONE OF YOUR SIGNAL DEPARTMENT BOOM TRUCKS.

TARGET POPULATION:

ALL COMMUNICATION AND SIGNAL DEPARTMENT EMPLOYEES WHO OPERATE, OR MAY OPERATE, ANY TYPE OF HOISTING EQUIPMENT.

PREREQUISITE:

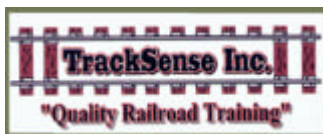
NONE.

STUDENTS NEED TO BRING:

SAFETY RULE BOOK, DRIVERS LICENSE/CDL, HARD-HAT, SAFETY EYE WEAR, SAFETY FOOTWEAR, AND CLOTHING FOR FIELD TRIP APPROPRIATE FOR TIME OF YEAR.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



THREE DAY TRACK BOOM TRUCK COURSE

LEARNING OBJECTIVES:

PARTICIPANTS WILL UNDERSTAND BASICS OF WIRE ROPE, SLINGS, BOOM ANGLES AND RADIUS OF OPERATION, AND THE MAINTENANCE, INSPECTION AND SAFE OPERATION OF THE DIFFERENT TYPES OF HOISTING EQUIPMENT USED BY TRACK DEPARTMENT EMPLOYEES. THIS COURSE MEETS THE OSHA/ANSI REQUIREMENTS FOR MOBILE CRANE TRAINING. TIME IS SPENT BOTH IN THE CLASSROOM AND IN THE FIELD WITH " HANDS ON " TRAINING, BY OPERATING AND INSPECTING ONE OF YOUR TRACK DEPARTMENT BOOM TRUCKS.

TARGET POPULATION:

ALL EMPLOYEES WHO OPERATE, OR MAY OPERATE, ANY HOISTING EQUIPMENT.

PREREQUISITE:

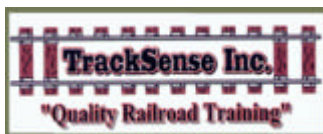
NONE.

STUDENTS NEED TO BRING:

SAFETY RULE BOOK, DRIVERS LICENSE/CDL, HARD-HAT, SAFETY EYE WEAR, SAFETY FOOTWEAR, AND CLOTHING FOR FIELD TRIP APPROPRIATE FOR THE TIME OF YEAR.

LOCATION:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC. OR OUR CUSTOMERS.



TWO DAY PRIVATE INDUSTRY TRACK INSPECTION SEMINAR

LEARNING OBJECTIVES:

TO INCREASE THE PARTICIPANTS OVERALL KNOWLEDGE OF THE TRACK STRUCTURE AND TO HELP THEM BETTER IDENTIFY PROBLEM AREAS ON THEIR TRACK BEFORE AN ACCIDENT OCCURS. THIS COURSE IS DESIGNED TO BE GIVEN TO A RAILROADS CUSTOMERS WHO HAVE THEIR OWN TRACK FACILITIES. THE COURSE HAS BEEN SHOWN TO BE EFFECTIVE IN REDUCING DERAILMENTS IN PRIVATE INDUSTRIES, WHICH IN TURN LESSENS THE CHANCE OF AN INJURY TO YOUR OPERATING EMPLOYEE, AND THE LOSS OF USE AND DAMAGE TO YOUR EQUIPMENT, WHILE CREATING GOOD " PUBLIC RELATIONS " WITH YOUR CUSTOMERS.

TARGET POPULATION:

ANY CUSTOMER WITH RAIL FACILITIES THAT YOUR EQUIPMENT OPERATES IN.

PREREQUISITE:

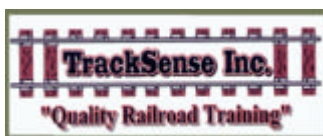
NONE.

STUDENTS NEED TO BRING:

CLOTHING FOR FIELD TRIP APPROPRIATE TO THE TIME OF YEAR, SAFETY FOOTWEAR, AND ANY OTHER SAFETY EQUIPMENT AS REQUIRED BY INDUSTRY.

LOCATIONS:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.



TWO OR THREE DAY TRACK INSPECTION REVIEW COURSE

LEARNING OBJECTIVES:

TO KEEP PRESENT TRACK INSPECTORS UP TO DATE ON CHANGES IN PROCEDURE AND TO KEEP CURRENT ON FRA 213 INSPECTION PRACTICES. WHEN CONDUCTED AS A TWO DAY COURSE IT WILL NOT HAVE ANY FIELD WORK, CLASSROOM ONLY. THREE DAY COURSE INCLUDES ALL TWO DAY MATERIAL, PLUS THIRD DAY FIELD TRIP AND FIELD TESTING.

TARGET POPULATION:

ALL WORKING TRACK INSPECTORS AND RELIEF AND PART TIME INSPECTORS WHO HAVE ATTENDED THE FOUR DAY TRACK INSPECTION COURSE, AND ANY FOREMAN INTERESTED IN BECOMING A TRACK INSPECTOR.

PREREQUISITE:

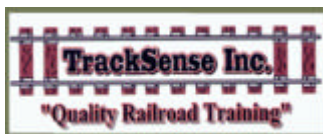
SHOULD HAVE ATTENDED THE FOUR DAY TRACK INSPECTION COURSE.

STUDENTS NEED TO BRING:

FRA 213 TSS, ON-TRACK SAFETY MANUAL, SAFETY RULE BOOK. IF CONDUCTED AS THREE DAY COURSE HARD-HAT, SAFETY EYE WEAR, GLOVES, SAFETY FOOTWEAR, TAPE MEASURE, WHISTLE, CLOTHING FOR FIELD WORK APPROPRIATE TO TIME OF YEAR.

LOCATIONS:

TO BE HELD AT LOCATIONS DETERMINED BY TRACKSENSE INC., OR OUR CUSTOMERS.





SCHEDULING REQUEST FORM

Please complete this form and mail it to:

TrackSense Inc.

308 Durst Dr.

Warren, Ohio 44483

Or Schedule online at: <http://www.tracksense.com>

Company Name:	
Name:	
Address:	
City:	
State:	
Zip:	
Phone:	
Fax:	
E-mail:	
Course Selection(s):	
*Requested Date 1:	
Requested Date 2:	
Requested Date 3:	

* Date Requested 1-3, please include at least three days that your calendar is available for the training classes. The final scheduled day will be determined when you are contacted by **TrackSense Inc**

