

Knowledge & Experience

Coast to Coast Signal Engineering's highly experienced engineering staff and reputation for quality allows us to provide custom training solutions for the railroad industry. Coast to Coast Signal Engineering offers Signalman Training, FRA Code of Federal Regulations training, Operating Rules training, Cutover Procedures and Testing training, Signal Design training and Defect Detector training. Our staff of former railroad signal design engineers, with over 150 years of combined railroad signal field and design experience, make our training programs the best in the industry. Coast to Coast Signal Engineering's instructors utilize not only standard text book and classroom instruction but also hands-on training with hardware such as simulation panels in our uniquely individualized training programs.

With this vast base of knowledge, experience and quality reputation to draw upon, Coast to Coast Signal Engineering's Training programs are second to none!



COAST TO COAST SIGNAL ENGINEERING IS A FULL SERVICE RAILROAD SIGNAL ENGINEERING FIRM. OTHER SERVICES PROVIDED ARE:

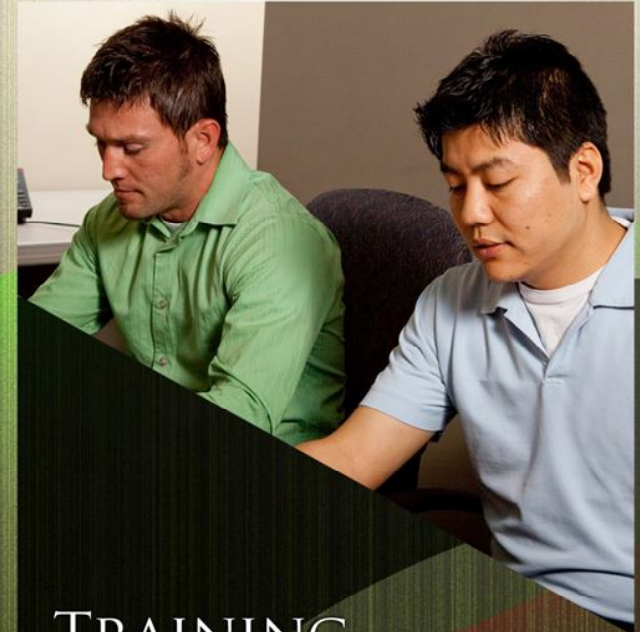
- Wayside & crossing design, engineering & software.
- Railroad yard design.
- "As-in-service" or "As Constructed" field & office copies.
- Vital & Non-vital programming & simulation.
- Full service wiring shop.
- Field surveys.
- Construction management.
- Wayside & crossing installation & maintenance.
- Custom Local Control Panels.
- PTC Test Unit/Signal Lamp Simulator.
- Test Lab Simulator.
- Signal cutover support.
- Material procurement and delivery.
- Software testing racks.
- Complete test lab facilities for testing all hardware & software applications.
- Hot Box Detector design, engineering & support.



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TRAINING



"WHERE QUALITY IS A STANDARD"

SIGNALMAN & FRA TRAINING

Coast to Coast Signal Engineering offers the following types of training programs:

• Signalman Training

Coast to Coast Signal Engineering offers a comprehensive Assistant Signalman Training program as well as a more advanced Electronic Technician program.

• FRA Code of Federal Regulations Training

Our in-depth training program covers Title 49 of the Code of Federal Regulations and focuses on Parts 233, 234, 235 & 236. These rules and regulations govern railroad signal and train control systems. Sections covered in this program include the requirements for signal system reporting, grade crossing signal system safety and the rules governing the maintenance and repair of railroad signal and train control systems, devices and appliances.



OPERATING RULES & CUTOVER TRAINING



• Operating Rules Training

Coast to Coast Signal Engineering also offers both basic and in-depth training depending on the needs of the customer for the following:

General Code of Operating Rules (GCOR)

Northeast Operating Rules Advisory Committee (NORAC)

• Cutover Procedures and Testing Training

Coast to Coast Signal Engineering also offers Cutover Training. This program covers all aspects of the cutover process including traps and trouble spots, definitions, test forms, testing procedures, test form instructions, pre-checks, job briefings, track bulletin examples and end-to-end operational tests.

SIGNAL DESIGN & DEFECT DETECTOR TRAINING

• Signal Design Training

Coast to Coast Signal Engineering also offers Signal Design Training. This program covers everything from preliminary engineering, wayside and crossing signal system design and engineering, railroad yard design and vital and non-vital programming.

• Defect Detector Training

Coast to Coast Signal Engineering also offers Defect Detector Training. This training program covers several types of trackside warning devices such as dragging equipment detectors, hot box detectors, high water detectors and slide fence detectors.

As always, any of the training programs that Coast to Coast Signal Engineering has developed can be customized to meet the individual needs of the customer. Coast to Coast Signal Engineering also offers our customers on-site training for all our programs, in an effort to reduce the cost to the customer and maximize results.

