



Southern California Regional Transit Training Consortium

SYLLABUS

Course Name: [Brake Systems for Transit II- Air System Training](#)

Course Item Number: **SC-BR-1300-II**

Prerequisites: Brakes for Transit I #SC-BR-1300-I (preferred)

Course Description:

This course covers the principles of operation, construction, trouble-shooting and repair of transit bus air brake and accessory systems. Preventive maintenance procedures as well as legal requirements for transit bus brake systems are also covered.

Course Benefits:

Transit bus technicians will receive comprehensive operation and repair training of pneumatic brake and accessory systems. The course will cover the supply and control side of transit air systems. Upon completion of this course, the technician will have a solid understanding of how an air system works as well as hands-on experience in trouble-shooting techniques and repair procedures of air brake system.

What you will learn:

- Physics
- FMVSS 121, CVSA, CVC, Title 49 FCR, and Title 13 COR requirements
- Air System layout and design
- Air line color codes
- Fitting Identification
- Pneumatic schematics
- Supply system operation
- Supply system components
- Control system operation
- Control system components
- Service, parking brake, and accessory systems
- Component failure diagnosis and repair procedures

Number of Days: 2

Continuing Education Units (CEU): 0

Register today at: www.scrttc.com