



Multimeter Certification



For a schedule of open enrollment classes or to bring this training to your plant or facility, contact us:

1-877-97-TRAIN
www.AmericanTrainco.com



Measuring Voltage



A 1-day "hands-on" course designed to make you the master of your multimeter

Become "American Trainco Certified" in its uses, features and functions

Learn:

- Multimeter Advanced Features
- Measuring AC and DC Voltage
- Measuring Resistance and Continuity Testing
- Measuring Frequency and Duty Cycle
- Testing Diodes
- Measuring Capacitance



"The most practical course I've ever taken. This seminar was excellent!"

JIM MONTEITH
MAINTENANCE, GORHAM HOUSE

- Reserve Your Space Now! CALL 1-877-97-TRAIN
- This seminar can be presented at your facility for larger groups
- Check us out online at www.AmericanTrainco.com for a complete listing of all seminars coming to your area

Multimeter Certification

PURPOSE OF SEMINAR

The purpose of this hands-on seminar is to provide the attendee with an increased confidence and understanding of their personal multimeter, and be able to prove to his or her employer that they know how to use it properly. This training starts with the basics of a multimeter, proceeds through its advanced features and functions, and ends with students being able to take an optional test at the end of the class making them "American Trainco Certified" in using their multimeter.

This seminar is designed for anyone who needs to sharpen their electrical troubleshooting skills in order to increase efficiencies and uptime at their industrial plant or building facility.

After this "hands-on" course you will truly be the "master of your multimeter"!

WHO SHOULD TAKE THIS COURSE?

This seminar is designed for anyone responsible for the safe installation, maintenance, repair or inspection of electrical equipment, building electrical systems and general electrical wiring. This includes...

*All Building Maintenance Personnel
All Plant & Facility Maintenance Technicians
Electricians
Mechanics
HVAC Technicians
Apprentices
Alarm & Low Voltage Technicians
Stationary Engineers
Building Engineers
Maintenance Supervisors
Multi-craft & Cross Training Personnel
Electronic & Instrumentation Technicians*

Any person needing a basic course in
*Electrical Troubleshooting
& Preventive Maintenance.*

LEARNING OBJECTIVES

Upon completion of this course, students will receive a training certificate and .7 Continuing Education Units indicating that the student understands:

- Safety
- Multimeter Abbreviations, Symbols, and Terminology
- Multimeter Advanced Features
- Measuring AC and DC Voltage
- Measuring Resistance and Continuity Testing
- Measuring AC and DC Current
- Measuring Frequency and Duty Cycle
- Testing Diodes
- Measuring Capacitance
- Multimeter Accessories
- Multimeter Selection.



About American Trainco

We provide training and services as experts in the field of maintenance for plants, facilities and industry. Each year we conduct more than 1,800 seminars in hundreds of cities throughout North America. We have trained over 75,000 satisfied students as if they were our employees, in the practical skills that will help them in their job today!

Instructors

All American Trainco instructors are required to have a formal education and real world work experience as leaders in their field. We demand that all our presentations be lively, attractive, crisp and clear. Our instructors use state-of-the-art computers, projection equipment and software to bring you a high quality visual experience including hands-on training with video, presentations, lectures, round table discussions and demonstrations.

About Our Training

Our seminar manuals, workbooks, reference handouts and other aids are designed specifically to meet the unique needs of maintenance technicians whose learning styles include seeing, doing and verbal interaction. All American Trainco courses can be brought directly to your facility to train larger groups.

Real World Applications

Our instructors understand what students need to perform their jobs at a high level. Our courses emphasize critical information students need to go back to their facility the next day to work safer and more efficiently.

*That's Real World training...
for Real World Needs!*

Multimeter Certification

COURSE OUTLINE / AGENDA

● **INTRODUCTION**

Purpose of Multimeters
 Understanding Definitions
 Review of Electricity Basics
 Electrical Safety

● **MULTIMETER BASICS**

Selection
 Features and Functions
 CAT Ratings
 Accuracy
 Self Diagnostics and Testing

● **MULTIMETER APPLICATIONS**

Voltage Measurements
 Resistance and Continuity Measurements
 Measuring Current
 Measuring Frequency
 Checking Diodes
 Capacitance Measurements

● **MULTIMETER ACCESSORIES**

Current Clamps
 Temperature
 Lead Options

● **ADVANCED FEATURES**

Data Recording
 Megometer
 Sleep Mode
 Peak Capture
 Min/Max – Average Capture



ON SITE AND IN HOUSE TRAINING

You can bring the Multimeter Certification class or any American Trainco seminar to your plant or facility for groups of generally 6 or more. We offer hundreds of courses covering a broad range of maintenance and maintenance management topics. Our expert instructors are among the most experienced in the industry and can customize training to meet your specific needs - whether you need a short refresher course or an in depth program that focuses on your equipment and processes. In house training allows for the most cost efficient training as it reduces the cost per employee and limits the time required away from work.

Request a quote for on site training.

CEUs, TESTING & COLLEGE CREDIT

CEUs

After completion of this class, students will receive a Certificate of Completion and .7 CEUs (Continuing Education Units) for attending, approved by the Maintenance Training Association of the Americas.

Credit

1 Day .7 CEUs

NO RISK REGISTRATION & MONEY-BACK GUARANTEE

If you're not yet sure you'll be able to attend this seminar, you can still make a reservation to hold your space in class. While payment is due prior to the start of the seminar, you may choose a full refund or credit for cancellations made at least 24 hours in advance. Student substitutions can also be freely made at any time prior to the start of the seminar. Refunds will not be issued for registered attendees who fail to show up and have not given a notice of cancellation.

In the rare event that should you not receive the expected value after attending our seminar, simply notify us in writing of your reasons and your money will be promptly refunded.





AMERICAN TRAINCO

PO Box 3397
Englewood, CO 80155

Real World Training... For Real World Needs™

Multimeter Certification

REGISTRATION

For a schedule of open enrollment classes or to bring this training to your plant or facility, contact us:

1-877-97-TRAIN

or online at:

www.AmericanTrainco.com

FIVE EASY WAYS TO REGISTER:

- 1) Internet www.AmericanTrainco.com
- 2) Fax (303) 531-4565
- 3) Phone Toll Free 1-877-97-TRAIN 1-877-978-7246 or (303) 531-4560
- 4) Mail this form to: American Trainco, Inc. P.O. Box 3397 Englewood, CO 80155
- 5) E-mail the information requested on this form to: Sales@AmericanTrainco.com

SEMINAR FEE

1 Day \$595

Primary Contact/Authorizing Supervisor: Name _____

Title _____ Company Name _____

Address _____ City _____ State _____ Zip _____

Phone _____ Fax _____ E-Mail _____

Billing Information: (Please fill out this section only if the "Bill To" name and address is different than the Authorizing Person's name and address above.)

Individual's Name _____

Company Name _____

Address _____ City _____ State _____ Zip _____

Phone _____ Fax _____ E-Mail _____

Seminar Attendees: Name Title E-Mail Seminar City

Name	Title	E-Mail	Seminar City

Payment Method: Visa Master Card Discover American Express

Card Number: _____ Expiration Date: _____

Name on Card: _____ Signature: _____

Check Enclosed (Make payable to: American Trainco, Inc.)

Bill Purchase Order #: _____

are you the
master
of your
multimeter?
1-877-978-7246



PROMOTION CODE

X05

PUB OMM