



2016 -2017

# ADVANCED METER TRAINING

***Advanced Meter Training* Classes  
starting in September!**

**Registration for the 2016 – 2017  
Advanced Meter Training classes will  
be OPEN beginning May 2016!  
Classes will begin last week in  
September, 2016.**

**25 classes will be held from  
September to June with students  
meeting on an average of every two  
weeks. If interested, give us a call or  
email us at [diana@natlmeter.com](mailto:diana@natlmeter.com).**

**Plan ahead to attend!**

NW Technical Training  
2134 Inglewood Drive, East Wenatchee, WA  
98802

[www.nwtechnicaltraining.com](http://www.nwtechnicaltraining.com) or  
[www.nationalmts.com](http://www.nationalmts.com)

Contact: Diana Hamilton, Instructor  
509-670-1590 or [training@natlmeter.com](mailto:training@natlmeter.com) for more  
info.

***NOW OFFERING!***

***ADVANCED METER  
TRAINING CLASSES***

***For those who qualify!***

***Call NW Technical Training  
at 509-670-1590 for more  
info***

***The Advanced Meter Training Class  
is designed **for individuals who  
already have a background in  
the electrical field but need to  
know metering specifics. Pre-  
requisites apply. The entire  
three-year curriculum below will  
be taught within an intense ten  
month period. A previous  
journeyman status in the  
electrical field is required.*****

# *Advanced Meter Training Program*

## *Course Outline*

- + Introduction to Metering
- + Basic Parts of Meter
- + AC Concepts
- + Principles of Magnetism
- + Math for Metering
- + Safety in Meter Work
- + Transformer Connections
- + Watthour Meter Princ.
- + Meter Wiring
- + Meter Troubleshooting
- + Principles of Accuracy Testing
- + Instrument Transformers
- + Introduction to Polyphase Systems
- + Review of Electrical Concepts
- + Polyphase System Voltages
- + Watthour Meter Test 1 & 2
- + Testing Transformer Rated Meters
- + Polyphase Systems 1 & 2
- + Meter Troubleshooting

- + Wiring Forms
- + Self-contained Polyphase Meter Testing
- + Polyphase Transformer Rated
- + Installation Checks and Inspections
- + Customer Relations and High Bill
- + Energy Diversion
- + Reactive Metering Concepts
- + Troubleshooting Techniques
- + Demand Metering Concepts
- + Introduction to Harmonics
- + Totalization Metering
- + Relay Concepts
- + Automated Meter Reading
- + Electronic Fundamentals
- + Logic Diagrams
- + Future of Metering

TUITION: \$5,980.00

Includes Student Workbooks and various other manuals.

**Begins:**

September 2016

Ends: June 2017

25 –classes

Time: 5:30-9:30 pm

# *ADVANCED Meter Training Registration Form*

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Title: \_\_\_\_\_

Company Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Supervisors Name: \_\_\_\_\_

Supervisors Phone: \_\_\_\_\_

## *ADVANCED Meter Training Registration Information*

### **Begins:**

September 2016

Ends: June 2017

Time: 5:30-9:30 pm

Place: Wenatchee,  
WA or On-line  
Training

*Workbooks and  
manuals are included  
in price of tuition and  
will be provided as  
stated on Course  
Outline.*

*Bring scientific  
calculator. Breaks are  
short so if you did not  
eat before class you  
might want to bring  
dinner.*

For additional information email us at [training@natl-meter.com](mailto:training@natl-meter.com).  
Registration deadline is August 1, 2016.

Check in the amount of \$5,980.00 payable to NW Technical  
Training is enclosed. Please mail to the following address:

*N.W. Technical Training  
2134 Inglewood Drive  
East Wenatchee, WA 98802*

# Meter Training

## ON LINE TRAINING REQUIREMENTS

- Computer with webcam or camera and audio
  - Very Good internet connection
  - Printer located nearby student
- DEDICATION to attend class on-line one night a week every week for 2-4 hrs from September to June
- “GoToMeeting” is the infrastructure we currently use. It requires the student to log on to the website with information provided by NW Technical Training.

Diana Hamilton, Owner/Instructor  
National Metering/NW Technical Training  
2134 Inglewood Drive, East Wenatchee, WA 98802  
[www.nwtechnicaltraining.com](http://www.nwtechnicaltraining.com) or [www.nationalmts.com](http://www.nationalmts.com)  
email: [training@natlmeter.com](mailto:training@natlmeter.com)  
[509-670-1590](tel:509-670-1590)