

2015 -2016



METERMAN APPRENTICESHIP

Meterman Apprenticeship Classes starting in September!

**Registration for the 2015 – 2016
Meterman classes** for Apprentices are
now open. Classes start September
24, 2015. Students will meet once a
week for a total of 144 academic hrs.

Class will be done with On-line
training using “GoToMeeting”. On-
line Training Requirements
information is below. Please return
registration by

August 1, 2015 to hold your spot!

Mail to: Diana Hamilton

NW Technical Training

**2134 Inglewood Drive, East Wenatchee,
WA 98802**

NOW OFFERING!

**ADVANCED METER TRAINING
CLASSES**

For those who qualify!

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

DON'T FORGET! NW Meter School is
scheduled this year on August 24 thru August
28, 2015. By attending this school, credit will
be given toward the 144 academic hours
required for the Meterman Apprenticeship
program.

Visit www.westernenergy.org for more
information.

Meterman Apprenticeship Program

Course Outlines

2015 - 2016 First Year

Meterman Apprenticeship Program

FIRST YEAR —

September to April (144
academic hrs)

- ✚ 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

Primedia Meter Program Workbooks
and Manuals provided:

Handbook for Electricity Metering
Pocket Guide to Watthour Metering

2015 - 2016 Second Year

Meterman Apprenticeship Program

SECOND YEAR —

September to April (144
academic hrs)

- ✚ 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

Primedia Meter Program Workbooks and
Manuals provided:

Distribution Transformer Handbook

2015 - 2016 Third Year

Meterman Apprenticeship Program

THIRD YEAR —

September to April (144
academic hrs)

- ✚ 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

Primedia Meter Program Workbooks
and Manuals provided:

Meterman Apprenticeship Registration Form

Meterman Apprenticeship Registration Information

Name: _____

Company: _____

Title: _____

Company Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

Email: _____

Supervisors Name: _____

Supervisors Phone: _____

Other Contact Information: _____

Begins:

September 24, 2015

Ends: April 2016

Time: 5:30-9:30 pm

A total of 144 hours
of academic
instruction to be
completed.

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

*Bring scientific
calculator.*

Choose one of the following:

First Year ☐ Second Year ☐ Third Year ☐

Tuition:
\$5,980

Tuition:
\$5,980

Tuition:
\$5,980

For additional information please call 509-670-1590. Registration
deadline is August 1, 2015.

Check in the amount of \$ 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 Apprenticeship 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 for 2-4 hrs from September to April.
- “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
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email: diana@natlmeter.com
[509-670-1590](tel:509-670-1590)