

2021 -2022



# METERMAN APPRENTICESHIP

## **Meterman Apprenticeship Classes starting in September!**

**Registration for the 2021– 2022  
Meterman classes** for Apprentices are now open. Classes start last week in September 2021. 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, 2021 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 the last week in August. By attending this school, credit will be given toward the 144 academic hours required for the Meterman Apprenticeship program.

Visit [www.westernenergy.org](http://www.westernenergy.org) for more information.

# Meterman Apprenticeship Program

## Course Outlines

### 2021 - 2022 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

### 2022 – 2023 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

### 2023- 2024 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: \_\_\_\_\_

Mailing Address to Send Books:

**Begins:**  
Last week of  
September 2021  
**Ends:** April 2022  
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.*

*A simple scientific  
calculator will be  
needed for class.*

Choose one of the following:

First Year  Second Year  Third Year

Tuition:  
\$6,480

Tuition:  
\$6,480

Tuition:  
\$6,480

For additional information please call 509-670-1590. Registration deadline is August 1, 2021.

Check in the amount of \$  payable to NW Technical Training is enclosed. Tuition is non-refundable if not cancelled 45 days prior to class start date. Substitution may be allowed. Please mail to the following address:

*N.W. Technical Training  
2134 Inglewood Drive E. 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  
[www.nwtechnicaltraining.com](http://www.nwtechnicaltraining.com) or [www.nationalmts.com](http://www.nationalmts.com)  
email: [info@natlmeter.com](mailto:info@natlmeter.com)  
[509-670-1590](tel:509-670-1590)