



Entry Level Certification-Prep Course

September 25th & 26th

SolarWorld - Hillsboro, Oregon

October 1st & 2nd

Lane Community College - Eugene, Oregon

\$200 includes:

- 2 day review course
- NABCEP test fees
- Lunch (x2)

Intensive 2 day course designed to prepare individuals with basic level of electrical knowledge and general understanding of Photovoltaics for the North American Board of Certified Energy Practitioners (NABCEP) *Entry Level Certification*. Certification allows individuals to meet the State of Oregon's technical requirements as a Tax Credit Certified Technician for PV.

This two-day intensive class will conclude with the NABCEP entry level examination. The course will cover the task analysis provided by NABCEP. Class information will be *compact and fast paced*. Students will be assigned a practice exam after the first day for review during the second day.

Prerequisites include: understanding of general electrical terms and concepts (voltage, amperage, difference between power and energy), describe the use of a digital multi-meter, calculate simple circuit calculations and describe general safety procedures when working with electric systems. Students are expected to have purchased and reviewed 'Photovoltaic Systems' from ATP Publishers prior to attending the class. www.go2atp.com

Seating is very limited - Register online at: www.nweei.org and click "Register Today!"

Oregon Department of Energy and EnergyTrust of Oregon are proud to sponsor this course.

Course Outline

Day 1 (8 AM – 5:30 PM)

Solar Energy Fundamentals
PV Module Fundamentals
System Components
Safety Basics
Take home exercises

Day 2 (8 AM – 3:45 PM; test 4:30-6:30PM)

PV System Sizing
PV System Electrical Design
PV Mechanical Design
Performance Analysis and Troubleshooting
NABCEP Entry Level Exam

