



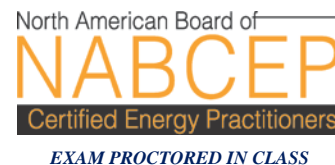
APPLIED PROFESSIONAL TRAINING

A Global Leader in Technology Education

www.aptc.edu 800.431.8488

THE “GREEN ENERGY” Career Certificate

- ✓ **Basic Math Review (8 hrs)**
 - Decimals, percentages, exponents and scientific notation
 - Basic application concepts of algebra, geometry and trigonometry
 - Practice problems that apply to green energy courses
- ✓ **Electric Power Systems Operations (16 hrs)**
 - Basics of generation, transmission, distribution and consumption/metering/service connections
 - System protection, control and telecommunications
 - Grid operations, utility interconnection, reliability and stability
- ✓ **Solar Photovoltaic System Introduction and Installation (32 hrs)**
 - PV energy, modules and arrays
 - Grid-tie, inverters, battery backup and stand-alone systems
 - Design basics, sizing, efficiency and maximum performance
 - Basic installation, safety and fundamental performance analysis
 - Entry Level Certificate of Knowledge Exam proctored in class
- ✓ **Wind Power Design and Installation (24 hrs)**
 - Wind technology, turbine generators, blade dynamics and orientation fundamentals
 - Grid-tie dynamics, sizing, efficiency and maximum performance
 - Basic tower installation, safety and fundamental performance analysis



Total Program: \$3,995

(80 instructor led contact hours and up to 160 distance learning hours)

APT QUALITY IS RECOGNIZED & APPROVED BY:



Certificate Programs and Courses

Applied Professional Training (APT) is a nationally accredited degree granting higher education institution that offers quick start certificate programs aimed to give graduates an opportunity to acquire skills oriented toward entry level positions in *Green Energy, Electric Power and Telecommunications Industries*. The courses are designed by industry professionals with years of knowledge and experience in these fields. *APT* courses offer recognized industry certification exams in class or prepare students for private out of class certification exams. Each graduate receives an *APT* career certificate that is backed by renowned agency recognitions and approvals. *APT* is approved by the Distance Education and Training Council (DETC) as a degree granting institution and the International Association for Continuing Education Training (IACET) has approved *APT*'s courses.

If you are interested in learning more about these and other APT programs, please visit our website or contact our friendly office!

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