



Applied Professional Training, Inc.

Solar Power for Telecommunications

Now Accepting Enrollments for: 2300 North Lake, Atlanta, GA
(A: Mar 3, 5, 10, 12, Apr 1), (B: Mar 3, 17, 19, 24, 26, Apr 1), (C: Mar 3, 31, Apr 1), 2009

SPT SERIES

Course A, SPT Fundamentals:	16 hours	\$495
Course B, SPT Advanced Concepts:	16 hours	\$595
Course C, SPT Hands-on lab:	8 hours	\$395

COURSE DESCRIPTION TUE/THUR 6PM TO 10PM COURSE # 09.055 A, B & C

This course provides students with a working knowledge of Solar Photo Voltaic (PV) systems used in the telecommunications industry. This course is for individuals wanting to gain an in depth knowledge of PV systems, design techniques, equipment module functionality as well as installation requirements and practical grid-tie and off grid battery interconnection methods. This course includes "hands on" solar PV equipment activities to demonstrate skills learned. This course is for those students interested in acquiring a working knowledge in solar PV installations used for telecom equipment with references to industrial and residential rooftop and pedestal structures. This course includes the necessary steps needed to design, install and test a high quality and efficient performing PV systems.

This course is designed to exceed the knowledge required by NABCEP's Certificate. A person with this certificate has demonstrated basic knowledge of photovoltaic systems and installation practices.

This is an elective course providing 4 College Credits toward the APT Degree Program

Course Objectives

- Explain solar energy fundamentals
- Describe Solar PV system components
- Discuss PV system design, operations and testing
- Describe example applications
- Discuss safety awareness with electrical, mechanical and physical considerations
- Guide performance analysis and troubleshooting
- Extensive hands on activities

Course Information

- **4 College Credits**
- 40 hours of classroom instruction
- Course includes Study guide and Workbook
- 90 hours independent study to be completed in course workbook.
- **Tuition is \$1485 per student**
- **Prepares for NABCEP certification**



Course Features

- Extensive hands-on experience
- Connect a small panel system (e.g., 50 watts)
- Connect panels, inverter, battery and loads
- Test system and make measure results

Career Benefits

- Students gain valuable knowledge and skills
- Provides increased productivity in modern solar technology
- Take advantage of the increasing job opportunities in the rapidly expanding Solar technology field, especially in telecommunications equipment.

ENROLL ONLINE OR FAX, Call for more Information! 800-431-8488

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