RENEWABLE ENERGY TECHNOLOGIES DIPLOMA SERIES

NC CLEAN ENERGY TECHNOLOGY CENTER

What is the Renewable Energy Technologies Diploma Series?

The award-winning Renewable Energy Technologies Diploma Series is a continuing-education (CE) training program that provides you with:

- Nationally awarded training
- Numerous professional certifications
- CE credits
- CE diploma from NC State University
- Industry qualified instructors
- Technical theory & hands-on training
- Up-to-date instruction on current policies & technologies
- Support network of professionals

Pictured: NCCETC Training Instructor David Del Vecchio and a class of students with their newly constructed, grid-tied solar PV array after completing the Hands-On Solar PV Lab during of the final day of the FSPV course.

Choose from two pathways:

To earn this continuing education diploma from NC State University, you must complete a minimum of 120 hours under the Diploma Series. In addition, the program can help meet the required continuing education for professionals in certain fields.

Currently, the NCCETC offers two main pathways to earn a Renewable Energy Technologies Diploma, with courses bundled to save you time and money so you can kickstart your career in clean energy!

Get your hands dirty with clean energy at one of our hands-on workshops in Raleigh, NC! Both diploma pathways provide you with an opportunity to work with a live, grid-tied photovoltaic system so you can strengthen your solar skills with real-world experience.

Solar Project Management $3,896

This pathway includes three classes:

- FSPV: Fundamentals of Solar Photovoltaic (PV) Design & Installation
- ASPV: Advanced Solar PV Design & Installation
- CREM: Certificate of Renewable Energy Management

Photovoltaic (PV) Technician $3,496

This pathway includes four classes:

- FSPV: Fundamentals of Solar PV Design & Installation
- ASPV: Advanced Solar PV Design & Installation
- O&M: Operations & Maintenance of PV Systems
- Solar Storage Workshop

Which path is for me?

No matter which path you choose, both the Solar Project Management and the Photovoltaic Technician package qualifies you to sit for the NABCEP PV Associate Exam, setting you on your way towards earning the NABCEP PV Installation Professional Certification.

You will also receive the non-degree Renewable Energy Technologies Diploma from NC State University upon completion of 120 hours of training.

Photovoltaic Technician

Are you ready to strengthen your technical skills? This education pathway is ideal for those who want to work in the technical side of the industry.

FSPV and ASPV provide you with fundamental and advanced technical solar PV knowledge. Learn how to install a grid-tied PV system and familiarize yourself with the National Electric Code.

Become confident using different types of equipment through O&M, where hands-on activities will guide you through the operations and maintenance of PV systems. Then, get an introduction to different types of battery storage for solar PV in the Solar Storage Workshop.

Save over $770 on your registration for this pathway by bundling your courses!

Find the path for you:
go.ncsu.edu/My-RETD-Pathway

Questions? Contact us at:
cleanenergy@ncsu.edu

NC STATE UNIVERSITY

What is NABCEP Board Certification?

If you are interested in pursuing a career in the design, installation, maintenance, or another aspect of working in solar photovoltaics, NABCEP Board Certifications can boost your earning potential and help you qualify for jobs in your field!

Solar Project Management

Are you interested in the business and project management side of renewable energy? Then the Solar Project Management package is perfect for you!

In FSPV and ASPV, you'll learn everything you need to know about solar PV, from the fundamentals to advanced technical knowledge.

CREM focuses more on business, policy, finance and project management for renewables, including solar PV, wind, bioenergy and more.

You can save over $900 on your course registrations for when you bundle your courses in this pathway!