RISE UP SCHOLARSHIP TRAINING PROGRAM

The Midwest Renewable Energy Association (MREA) is offering full-tuition scholarships for solar training in your community through its Rise Up Scholarship Training Program! Established to expand access to workforce development opportunities in the renewable energy field, Rise Up Scholarships provide recipients with free, industry-leading solar technical training and paid internship opportunities.

Upon completion of the Rise Up curriculum, students can enroll in PV Site Assessment (PV 201) and PV System Design (PV 202) to complete the eligibility requirements to sit for the NABCEP PV Associate Exam.

With your support, we can take MREA's industry-leading solar training on the road to provide free access to the education and mentorship students need to join the growing solar workforce.

To donate or view the application instructions, please visit:
MIDWESTRENEW.ORG/RISEUPSCHOLARSHIP

"This scholarship is important because it really opens the door for students of color like me to learn to implement and advance MREA's mission of using clean energy solutions in our families, communities, and neighborhoods."

-2020 Scholarship Recipient

SCHOLARSHIP TRAINING - INTRO TO SOLAR ENERGY AND PROFESSIONAL WORK

The Introductory Solar Training Package is an in-person training that enhances the MREA's core courses by expanding their duration and integrating hands-on demonstrations. This approach provides students an in-depth presentation of the concepts, going beyond a general overview to offer a more immersive introduction. The Introductory curriculum is a comprehensive introduction to solar PV and can also be used to prepare students for enrollment in the remaining courses necessary to obtain the NABCEP (North American Board of Certified Energy Practitioners) Associates credential.

The Introductory Solar Training Package consist of two courses delivered over 5 days:

PV 100
INTRODUCTION TO SOLAR ENERGY WORK

Introduction to Solar Energy Work (PV 100)

This 21-hour course introduces participants to the basics of solar electricity and what to expect in a solar career. Starting with the fundamentals of how electricity and photovoltaic (PV) systems work, learners will explore PV system types, components used in each system, mounting options, and wiring methods. Tools, meters, and installation best practices will be discussed and demonstrated through a variety of hands-on activities, with an emphasis on worker safety and protection. This course concludes with an interactive exploration into the importance of "soft skills" on the jobsite.

PV 101
BASIC PHOTOVOLTAICS

Basic Photovoltaics (PV 101)

In this 14-hour course participants will learn how photovoltaic (PV) cells, panels, and systems work, compare and contrast different PV system types (grid-tied or battery-based), identify system components, and understand the best applications for each system type. Other topics covered include power and energy calculations, conservation and efficiency, solar resource terminology, basic PV system sizing methods, mounting options, and financial considerations like net metering policies, tax credits, and incentive programs.

mrea
midwest renewable energy association

ABOUT THE MREA

The Midwest Renewable Energy Association promotes renewable energy, energy efficiency, and sustainable living through education and demonstration.

STAY IN TOUCH:

midwestrenew.org
courses@midwestrenew.org
7558 Deer Rd, Custer, WI 54423

SCHOLARSHIP TRAINING - NABCEP PV ASSOCIATE PACKAGE

Once recipients complete the Introductory Solar Training, they can begin taking the second phase of courses that allow them to prepare to launch their solar careers. After completing PV 201 and 202, students will qualify to sit for the NABCEP PV Associate Exam, and increasingly sought-after solar credential valued by the industry.

NABCEP ASSOCIATE Photovoltaic

Through this program, scholarship recipients will participate in two phases of courses designed to take them from introductory basics to advanced, hands-on solar training. With no prerequisites or previous experience required, the Rise Up Scholarship Training Program provides recipients a springboard into the renewable energy field, qualifying graduates to design, sell, install, and maintain solar systems in a supervised capacity.

PV 201 PV SITE ASSESSMENT

PV Site Assesment (PV 201)

This course demonstrates how to recommend a PV system size and type, estimate its annual energy production, propose a location for the array and balance of system components, and summarize the economic impact of a residential (or small commercial) project by performing a site assessment.

PV 202 PV SYSTEM DESIGN

PV System Design (PV 202)

This course teaches the step-by-step process of designing grid-tied and battery-based PV systems. Participants will explore sizing strategies, select appropriate equipment for each system type, identify mounting methods and related equipment needed for a safe and structurally sound installation, and calculate voltage, current, and power of the system to ensure its safe operation and code-compliant electrical installation.

YOUR DONATION IN ACTION

The Rise Up Scholarship Training Program brings students free, hands-on solar training that can take them from “square one” all the way to their NABCEP PV Associate Exam.

With your support, we can take MREA’s industry-leading solar training on the road to provide free access to the education and mentorship students need to join the growing solar workforce.

Each donation of $1,500 takes a student from PV basics to earning their NABCEP Associate!

DONATE TODAY MIDWESTRENEW.ORG/RISEUPGIVING

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