

RISE UP SCHOLARSHIP TRAINING PROGRAM

Welcome to Midwest Renewable Energy Association's (MREA) Rise Up Scholarship training program. We are excited to offer a great line-up of courses through a two-phased training approach that will take students from introductory basics to advanced, hands-on training.

These courses can be offered in three training formats based on student, group, and instructor availability:

- **Online Instructor-Led** – Students work through online content at their own pace and are required to finish work by set due dates. Instructors offer weekly office hours to answer questions.
- **Online Zoom Integrated** – Students meet with the instructor weekly on Zoom; content is delivered live and on student time via our online training platform.
- **In-Person** – Students attend lecture-style training in a classroom with COVID precautions in place.

Phase One Courses: Offered January - February

WORKING WITH ELECTRICITY (G 108)

This 4-hour online course provides participants with fundamental terms and concepts to better understand how electrical circuits work, and how to stay safe when working with or near electricity.

BASIC PV (PV 101)

This 8-hour course addresses the basics of solar electricity. Participants will learn how photovoltaic (PV) systems work, compare and contrast different PV system types, identify necessary system components, and understand the best applications for (and limitations of) each system type.

PV SITE ASSESSMENT (PV 201)

This 8-hour course uses presentations, exercises, activities, and class discussion to demonstrate how to perform a residential PV site assessment, using a template created by the MREA.

Phase Two Courses: Offered March - April

Once students complete the course progression above, they can begin taking our Phase Two offerings. All students who successfully complete PV 101, 201, and 202 will qualify to sit for the NABCEP PV Associate Exam, an increasingly sought-after solar credential valued by the industry.

PV SYSTEM DESIGN (PV 202)

This 16-hour course teaches the step-by-step process of designing a PV system.



Once students complete this course, they qualify to sit for the NABCEP PV Associate Exam.

PV EXAM PREP (PV 220)

This 4-hour course has been created for those ready to take the NABCEP PV Associate Exam or any entry-level exam in photovoltaics. We'll discuss test-taking strategies, review the logistics of the exam, and use practice questions to prepare you for test day.

PV LABS AND DESIGN SCENARIOS (PV 302)

This 8-hour course is designed to demonstrate PV system design principles through the construction of two portable lab systems. This course is only offered in a hands-on, in-person training format.

ABOUT THE MREA

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

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