

**SUNY Polytechnic Institute
253 Fuller Rd., Albany, NY 12203**

Two Weeks Energy Storage Technology Workforce Training Program at SUNY Polytechnic Institute

Energy storage is an emerging group of technologies that is enabling the operation of electrical vehicles, energy production systems such as photovoltaics, wind, etc., electrical vehicles, and mobile electronic devices.

Who should attend: Recent High School graduates, two or four years College students or graduates, and unemployed or underemployed individuals seeking to learn about electrical energy storage and Li-ion batteries to find related jobs or to advance within their current job. Students will be trained in a two-week program offered in Winter and Summer of 2022.

Offered from January 10th to January 21st, 2022 at SUNY Poly in Albany in person or virtually

Registration and attendance is free for all program participants

The workshop covers the fundamentals of energy storage technologies, giving you an understanding of battery cell manufacturing and teaching you the skills to manage storage units and innovate in this technology field. Faculty and industry experts will provide instruction through focused **in classroom training and hands-on laboratory** at the College of Nanoscale Science and Engineering (CNSE) in Albany campus and at the Ion Beam Laboratory at the University at Albany. Students will gain exposure to the aspects of building a battery from start to finish and use batteries in conjunction with power generation system such as PVs. Students will be able to engage in many different opportunities for experiential learning and internships. At the completion of the Workshop the students will receive a ***Certificate of Attendance***

Topics Included: Batteries Types Overview, Battery Applications: Cell and Battery Pack Design, Integrations - BMS - Energy Storage and Conversion for Hybrid and Electrical Vehicles, Introduction to Photovoltaics, and energy storage Market deployment, Market Assessment – Use Case for modeling for a customer match.

Learn more about the program and apply:

<https://sunypoly.edu/esttp/workforce-training.html>

Or Contact: Dr. Harry Efstathiadis at hfstathiadis@sunypoly.edu , Dr. Iulian Gherasoiu gherasi@sunypoly.edu



Funded by New York State Energy Research and Development Authority (NYSERDA) and partially by SUNY Polytechnic Institute the Energy Storage Technology Training program is designed to power hands-on training that will build capacity and develop a qualified pool of scientists, engineers, and workers in the areas of energy storage technologies, specifically rechargeable batteries, and grid modernization.