SUNY Ulster
Green Careers Academy

SUNY Ulster has received a grant for $250,000 to help students enter into a green career. These funds will support specific course tuition.

Ulster County and CLP is partnering with us on this initiative to help market these programs to young adults in the community.

Additional funding is available in the form of scholarships.
What are Green Careers?

In this case, Green Careers include both Clean Tech and Energy Efficiency careers.

CareerOneStop lists more than 200 green careers in twelve sectors.
Se’lux, Highland

RYCOR, New Paltz

Suncommon, Rhinebeck

Integral Building & Design, New Paltz
Foundational Skill Sets for Green Careers

Mathematics

Electrical Theory

Building Science Principles
Kelder Center
Advanced Technology

Incorporate as much hands-on learning as possible
Clean Energy Training

Certification and Certificates for Validation of Knowledge

PHOTOVOLTAICS

40-hr Photovoltaics Systems Course – Offered Spring 2022

NABCEP Associate Level Exam – Students are eligible after taking the above course
Energy Efficiency Training

Certification and Certificates for Validation of Knowledge

BPI BUILDING ANALYST CERTIFICATION – starts October 18th

BPI ENVELOPE PROFESSIONAL CERTIFICATION – available upon request

BPI INFILTRATION AND DUCT LEAKAGE CERTIFICATION – available upon request

BPI A/C HEAT PUMP CERTIFICATION – starts September 13th

BPI HEATING PROFESSIONAL CERTIFICATION – available upon request
Energy Efficiency Testing
Kelder - Approved BPI Test House
Located on Stone Ridge Campus
BPI Written and Field Exams

https://www.youtube.com/watch?v=Uc7VLjC9M30
AAS Green Building Technology

Intro to Green Building – starts August 23rd
Intro to Renewable Energy – starts August 23rd
Energy Management – offered Spring 2022
Green Building Materials – offered Spring 2022
Building Automation and Controls – starts August 23rd
Solar and Wind Systems – starts August 23rd
Commercial Electric – starts August 23rd
Care of Green Spaces – offered Spring 2022
Troubleshooting Building Systems – offered Spring 2022
Green HVAC – offered Spring 2022
Building Electrification Micro-Credential

As employment opportunities grow in the area of Green Building, employers are looking for people that can add knowledge of Green Building to their skill set. There is a great need for an understanding of how heating systems work and how to use automation to save energy in a building. This Micro-Credential will support technicians, engineers and managers to gain knowledgeable insight into these new technologies. This Micro-Credential is stackable into the AAS Green Building Technology Program.

This credential consists of five courses:

GRB 260 Green HVAC – offered Spring 2022

GRB 230 Commercial Electrical – starts August 23rd

GRB 210 Building Automation and Controls – starts August 23rd

GRB 250 Troubleshooting Green Building Systems – offered Spring 2022

GRB 280 Applied Learning – offered Spring 2022
Fundamentals of Clean Technology
Micro-Credential

Clean Technology jobs are growing as the region helps NY State meet the objectives of the New York’s Climate Leadership and Community Protection Act (CLCPA) to empower every New Yorker to fight climate change at home, at work and in their communities. This Micro-Credential will allow students from all disciplines to understand energy efficiency and clean energy as it relates to their jobs, their homes and their community.

The courses within this Micro-Credential include:

MFG 120/GRB 170 Intro to Photovoltaics (PV) Systems – offered Spring 2022
GRB 160 Energy Auditor - starts October 18th
Internships

Paid internships are available to those wishing to explore the many Green Careers available in Ulster County. SUNY Ulster and Citizens for Local Power have partnered on this initiative. The next cohort will start Spring 2022. For more information contact Barbara Reer or Jessica Clegg (CLP).

"Having the opportunity to rotate with a number of contractors enabled us to get a broad-ranging experience, and was useful for discovering the right area of Green Jobs to work in," an intern said.
WE’RE HERE FOR YOU!

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