

Willdan Clean Energy Academy

in partnership with the

Jewish Community Center of Staten Island

Impact Report

SIJCC 2022 - Cohort#2

April 25, 2022 – June 9, 2022



Clean Energy Academy



**Joan & Alan Bernikow
Jewish Community Center
of Staten Island**

Program Overview

Summary:

Project Director: James Hendon
Email Address: jhendon@energyedc.com
Funding Source: NYSERDA PON 3981
Contract Number: 170197
Purchase Order Number: 172955

Course Name: Staten Island Clean Energy Academy
Course Dates: 04/25/2022 – 06/9/2022
Program Website: www.cleanenergyacademy.org
Cohort #: SIJCC Cohort #2

The Willdan Clean Energy Academy (WCEA) sponsored by Willdan Energy Solutions and supported by NYSERDA PON 3981 funding, successfully completed the 2nd SIJCC Cohort of 2022, the 17th Cohort in the history of our Academy. For this round of funding the Academy is focusing on delivering our Small Commercial Energy Efficiency Analyst (SCEEA) Electrical Systems and Thermal Systems curricula to new workers and incumbent workers seeking career advancement in the clean energy industry. The training will be offered over a series of 4 cohorts: 2 cohorts of 60 hours each of Electrical Systems training and 2 cohorts of 60 hours each of Thermal Systems Training.

Delivery:

<ul style="list-style-type: none"> ● Delivery Method: Hybrid synchronous online and in person training methods ● Delivery Platform: Zoom & Lab ● Course Duration: 60 Hours + 1 Final Exam ● Delivery Format: “Weekdays” Monday through Thursday, for 3 hours [from 6 – 9pm] ● Course Duration: 5 Weeks ● Course Dates: <i>Classes:</i> Mon [04/25/22] – Thur [06/09/22] <i>Final Exam:</i> Thursday [06/09/2022] <i>Graduation:</i> Friday [06/15/2022] 	<p>This Electrical Systems training curriculum consisted of the following lessons:</p> <ul style="list-style-type: none"> ● Building Envelope Principles ● Building Envelope Construction Process, Air Movement, Moisture Movement ● Heat Movement ● Heating Principles ● Heating Systems ● Heating ECM’s ● SMB Program Implementation
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Staffing:

Management Team:

- **Program Manager:** James Hendon [EEDC]
- **Program Coordinator:** Cristina Pastrana [EEDC]
- **Program Administrator:** Amelia Winter [SIJCC]
- **Program Coordinator:** Kathi Indelicato [SIJCC]
- **Career Specialist:** Denise Sonnenberg [EEDC]
- **Capstone Manager:** JennAlise Flanders [EEDC]
- **Program Manager:** Dwayne Norris [SS]
- **Program Coordinator:** Andrea Caya [SS]

Instruction & Delivery Team:

- **Lead Instructor:** Clayton Gregory [GTL]
- **Training Assistant:** Keith Ford [GTL]
- **Instructor:** Gary Smith [GTL]
- **Tech Support:** Omar Duran [LIFE3]
- **Tech Support:** Katherine Fernandez [LIFE3]
- **Outreach Coordinator:** Alejandro Alvarez [SS]
- **Career Specialist:** Lily Mosely [SS]

Recruitment & Enrollment:

The 37 candidates were selected to participate in this online training program out of 88 applications received and 34 interviews completed. 3 alumni students were registered to take the class based on previous requests.

Total # of Applicants: 88 Applicants

Total # of Interviews: 34 Interviews
Interview Rate: 38.6%

Total # of Candidates Selected: 37 Candidates

- *Acceptance Rate: 42% [Overall]*
- *Acceptance Rate: 108.8% [Interviewees]*

The candidates that participated came from a variety of backgrounds and professional experiences including students from priority populations across NYS and from previous WCEA alumni (3). We received student referrals from the SIJCC’s existing referral network, including its relationships with community-based organizations, such as the Staten Island Business Outreach Center, Staten Island Economic Development Corporation, Douglaston Development, Children’s Aid, Goodhue Center, On Your Mark, Meals on Wheels, A Chance in Life, The Central Family Life Center, Eden II Program, Project Hospitality, and Camelot Counseling.

Furthermore, the teams leveraged relationships with government partners such as James Oddo, Staten Island Borough President, Joseph Borelli, Staten Island Councilman, 51st District, Steven Matteo, Staten Island Councilman, 50th District, and Community Board 1 Staten Island to expand its outreach efforts, identify target demographics, and engage additional support partners.

These candidates had a familiarity with clean energy, but more importantly a passion for the subject matter and a willingness to learn more, work hard, and commit to the training process.

WILLDAN
CLEAN ENERGY ACADEMY

cleanenergyacademy.org | www.willdan.com

ENROLL NOW

Free 7-Week Energy Efficiency Job Training Program

JCC OF SI COHORT #2
THERMAL SYSTEMS
BUILDING ENVELOPE, HEATING & DOMESTIC HOT WATER

APR 25 - JUN 9, 2022
(7 Weeks, Mon-Thurs)
6:00PM - 9:00PM EST

To apply for the program, please visit:
app.cleanenergyacademy.org/caa

For class information, contact:
Anshu Cannon
Program Manager
917.880.7157
ACannon@willdan.com

PROGRAM OVERVIEW
This is a free 60 hour energy efficiency technical training, combined with professional development career advancement support services. The program is delivered virtually, and focuses on energy efficiency, outreach, education and implementation assistance initiatives for small commercial properties.
This program is open to everyone aged 18+ with a high school diploma or equivalency, regardless of background. All applicants will undergo interviews, evaluations, and a screening/selection process. Space is limited and not guaranteed. Applicants are encouraged to apply early.

PARTNERSHIPS
Lead Workforce Partner: Implementation Partners: Program Champion:

LEARN
5 Weeks (60 Hours):
• Real-world application of sustainability policies & standards
• Use of software tools and energy audit processes

CLASS SCHEDULE BREAKDOWN

WEEK	MON	TUE	WED	THU	FRI
WEEK 1, 2, 3	6:00 - 9:00pm Ice Breaker Building Envelope I	6:00 - 9:00pm Building Envelope II	6:00 - 9:00pm Building Envelope III	6:00 - 9:00pm Heating Systems I	6:00 - 9:00pm Heating Systems II
WEEK 4, 5	6:00 - 9:00pm Heating Systems III	6:00 - 9:00pm Domestic Hot Water I	6:00 - 9:00pm Domestic Hot Water II	6:00 - 9:00pm Domestic Hot Water III	6:00 - 9:00pm Review for Final

PROFESSIONAL DEVELOPMENT
1-2 Weeks (15 Hours):
• Resume and cover letter writing support services
• Internship and job placement assistance services

Our professional development includes resume and cover letter writing support services, in addition to internship and job placement assistance services. We help prepare participants for dozens of careers in the high demand clean energy industry, including:

- Sales & Outreach
- Auditor & Junior Engineer
- Finance & Incentive Administrator
- Project Coordinator & Manager
- Design & Engineering
- Installation & Contracting
- Inspection & Quality Assurance
- Quality Control (QA/QC)
- Operations & Maintenance

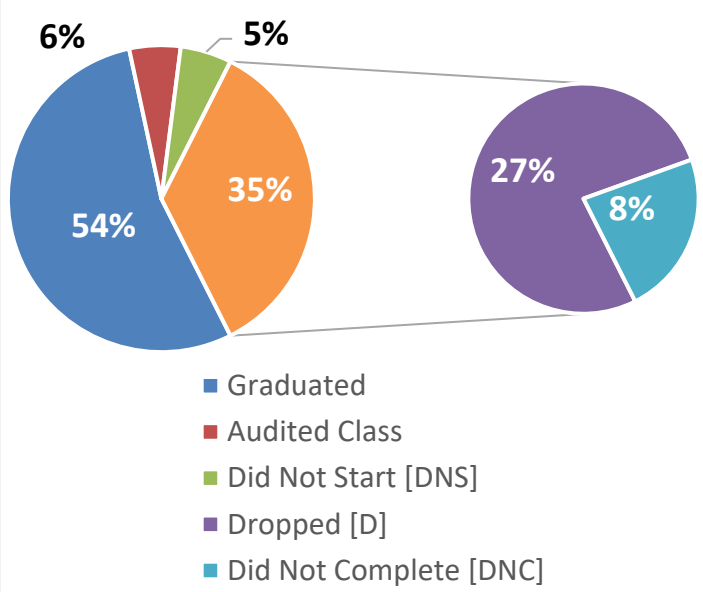
BUILD YOUR PORTFOLIO
• Create energy audit reports and analysis
• Prepare for industry recognized certifications

CERTIFICATIONS
Curriculum is aligned with nationally recognized certifications and will prepare participants to earn their **BPI Multifamily Building Analyst (MFBA) & EPA 608** certifications.

SCHOLARSHIP
Merit and needs based scholarships worth \$325 will be awarded to select participants to cover the costs associated with certifications.

For more information, contact:
Dwayne R. Norris
Director of Outreach & Recruitment
917.880.7157
CleanEnergyAcademy@willdanenergy.org

Training Graduates:

<p><u>Training Delivery:</u></p> <p>Total # of Candidates Selected: 37 Participants <i>Did Not Start: 2 [5.4% ~ DNS Rate]</i> <i>Audited: 2 [5.4% ~ Audit Rate]</i> Enrolled: 33 [89.2% ~ Enrollment Rate]</p> <hr/> <p>Selected Candidates that Enrolled: 33 Participant <i>Dropped: 10 [30.3% ~ Drop Rate]</i> <i>Did Not Complete: 3 [9.1% ~ DNC Rate]</i> Completed: 20 [61% ~ Completion Rate]</p> <p>Enrolled Participants that Completed: 20 Participant <i>Did Not Pass: 0 [0% ~ DNP Rate]</i> Graduated: 20 [100% ~ Passing Rate]</p> <p><u>SUMMARY:</u> <i>Candidates Selected: 37</i> <i>Candidates Enrolled: 33</i> <i>Participants Completed: 20</i> <i>Participants Graduated: 20</i> <i>Passing Rate: 100% [of Participants Completed]</i> <i>61% [of Candidates Enrolled]</i> <i>54.1% [of Candidates Selected]</i></p>	<p style="text-align: center;">SIJCC Cohort #2 Enrollment by Program Participation Outcome</p>  <ul style="list-style-type: none"> ■ Graduated ■ Audited Class ■ Did Not Start [DNS] ■ Dropped [D] ■ Did Not Complete [DNC]
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Participant Breakdown:

Out of the 20 Participants that successfully completed and graduated from the program, below is a breakdown of their educational level, employment status and other demographics:

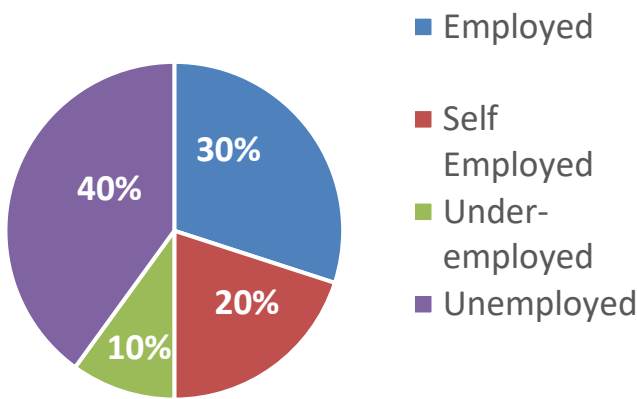
Graduates by Employment Status:

Of the 20 Graduates:

- Employed..... 6 Candidates [30%]
- Self-Employed..... 4 Candidates [20%]
- Underemployed..... 2 Candidates [10%]
- Unemployed..... 8 Candidates [40%]

SIJCC Cohort #2 Enrollment

by Employment Status



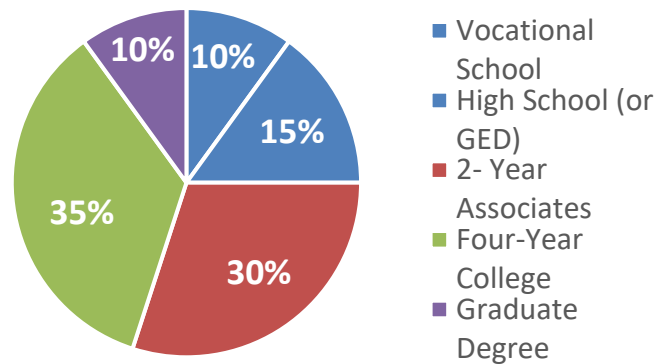
Graduates by Education Level:

Of the 20 Graduates:

- Vocational School..... 2 Candidates [10%]
- High School (or GED)..... 3 Candidates [15%]
- 2-Year Associates..... 6 Candidates [30%]
- 4-Year College..... 7 Candidates [35%]
- Post-Graduate..... 2 Candidates [10%]

SIJCC Cohort #2 Enrollment

by Education Level



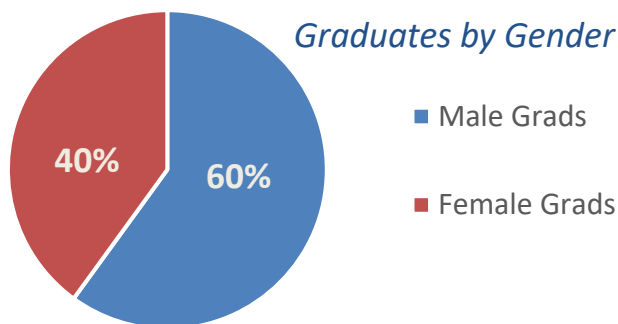
Graduates by Gender:

Of the 20 Graduates:

- Male..... 12 Candidates [60%]
- Female..... 8 Candidates [40%]
- Other..... 0 Candidates [0%]
- Non-Disclose..... 0 Candidates [0%]

SIJCC Cohort #2 Enrollment

Graduates by Gender



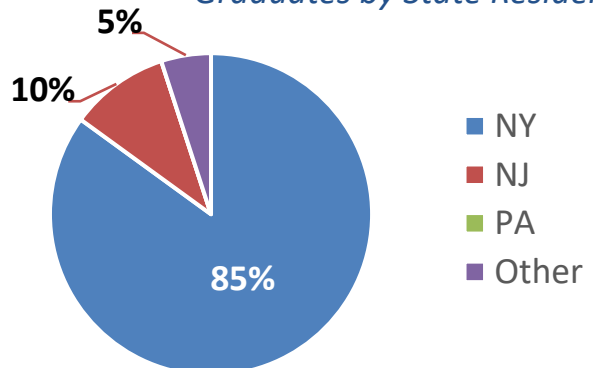
Graduates by State:

Of the 20 Graduates:

- New York (NY)....., 17 Candidates [85%]
- New Jersey (NJ)..... 2 Candidates [10%]
- Pennsylvania (PA)..... 0 Candidates [0%]
- Other..... 1 Candidates [5%]

SIJCC Cohort #2 Enrollment

Graduates by State Residency



Graduates by Demographics:

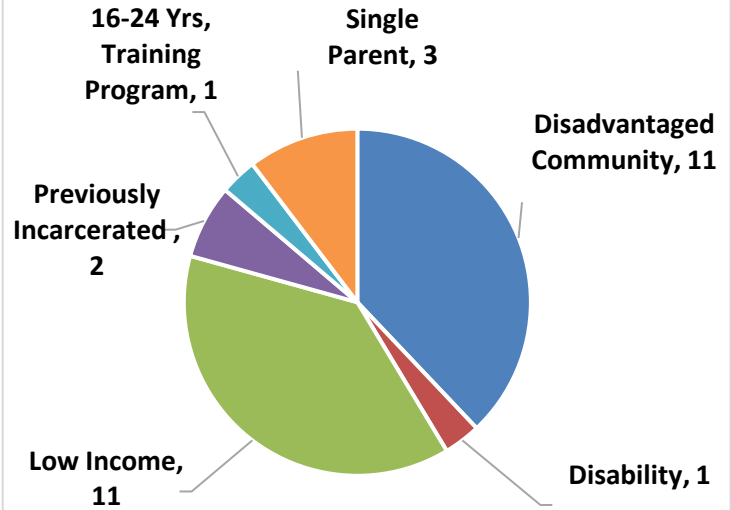
[Check "All that apply"]

Breakdown below includes every checkbox that everyone checked-off. So, some individuals may be counted twice if they qualify for more than one target demographic.

Of the 20 Graduates:

- Disadvantaged Community..11 Grads [55.0%]
- Low-Income..... 11 Grads [55.0%]
- Homeless..... 0 Grads [0.0%]
- Veterans..... 0 Grads [0.0%]
- Native Americans..... 0 Grads [0.0%]
- Disability..... 1 Grads [5.0%]
- Power Plant Workers..... 0 Grads [0.0%]
- Previously Incarcerated..... 2 Grads [10.0%]
- 16-24 Yrs. Old Recent Grads.. 1 Grads [5.0%]
- Single Parents..... 3 Grads [15.0%]

**SIJCC Cohort #2 Enrollment
by Priority Populations (All that Apply)**



Graduates by Demographic [Only once per person]:

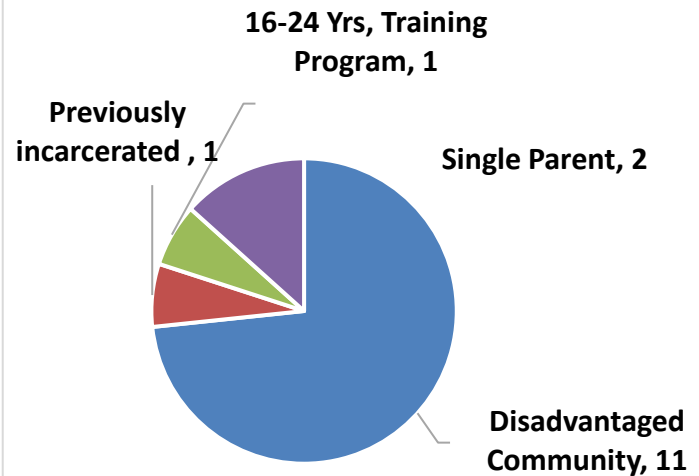
Breakdown below includes only counts each person once, regardless of how many target demographics they qualified for.

Of the 20 Graduates:

- Disadvantaged Community 11 Grads [55.0%]
- Low-Income..... 0 Grads [0.0%]
- Homeless..... 0 Grads [0.0%]
- Veterans..... 0 Grads [0.0%]
- Native Americans..... 0 Grads [0.0%]
- Disability..... 0 Grads [0.0%]
- Power Plant Workers..... 0 Grads [0.0%]
- Previously Incarcerated..... 1 Grads [5.0%]
- 16-24 Yrs. Old Recent Grads...1 Grads [5.0%]
- Single Parents..... 2 Grads [10.0%]

TOTAL # OF PRIORITY POPULATIONS & DISADVANTAGED COMMUNITIES... 15 Grads [75%]

**SIJCC Cohort #2 Enrollment
by Priority Populations (Only Once)**



Career Services Outcomes:

Career Accelerator:

Description: All students are invited to participate in our Career Accelerator program. This is an 8-session, 3 hour career advancement webinar series. The classes cover important topics related to career advancement and professional development, including resume and cover letter development, interview preparation, and connecting to job market strategies.

Delivery: Classes began on Wednesday [04/27/22] and took place, once a week, every Wednesday evening from 6:00pm-9:00pm, for 7 weeks, through 6/8/22.

Participation: Of the 20 students who graduated:

- # of Accelerator Participants: 15 Grads [75.0%]
- # of Mock Interviews: 13 Grads [65.0%]

Capstone Projects:

Description: As part of the Career Accelerator, we strongly encourage students (particularly jobseekers) to sign up for a capstone project where they get more involved with one of our employer partners on an active, real-life project. Students let us know what type of career role they are most interested in, and we work with employer partners to find a project that meets the needs of both student and employer.

As needed, we will also assign students an exercise to fill their skills gap, such as a billing analysis or lighting audit assignments to prepare them to be effective when they take on an employer-connected capstone project.

Delivery: Capstone projects begin the second week of the Career Accelerator; for Cohort #2, Capstones began the week of 06/30/22, and ran for approximately 6 weeks.

Participation: Out of the 20 graduates that participated in the career accelerator:

- # of Capstone Lab Participants..... 6 Grads
- # of Capstone Project Participants..... 7 Grads
- Total # of unique Capstone Participants...8 Grads

Continuing Education:

Overview: We support our graduates by informing them of and making discounts available for them to participate in various types of continuing education courses. This cohort didn't take any of the below because many of them opted to take the other WCEA courses offered this summer.

- BPI BSP..... 0 Certs
- BPI MFBA..... 0 Certs
- GPRO Fundamentals..... 0 Certs
- GPRO O&M..... 0 Certs
- GPRO CM..... 0 Certs
- GPRO Electrical..... 0 Certs
- GPRO Mechanical..... 0 Certs
- GPRO Plumbing..... 0 Certs
- NALMCO CALT..... 0 Certs
- EPA 608 0 Certs
- OSHA 10..... 0 Certs
- OSHA 30..... 0 Certs
- SST..... 0 Certs
- Total # Enrolled in Continuing Education..... 0 Certs



Career Services Outcomes:

Graduates by Placement Outcome:

Of the 20 Graduates, 8 Grads (40%) were unemployed and 2 Grads (10%) were underemployed at the time of enrollment:

Of the 20 Graduates:

- Total # of Placements..... 3 Grads [15.0%]
- Total # of Employment..... 1 Grads [5.0%]
- Total # of Promotions..... 1 Grads [5.0%]

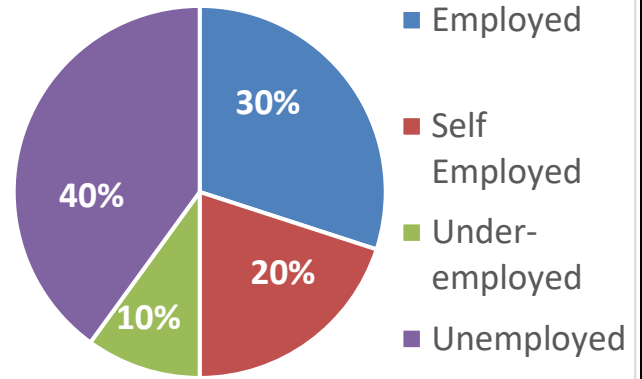
TOTAL # OF SUCCESSFUL OUTCOMES... 5 Grads [25.0%]

Of the 3 Successful Placement outcomes, the outcomes can be categorized as follows:

- Total # of Internships..... 1 Grads [5.0%]
- Total # of Part-Time Jobs..... 0 Grads [0.0%]
- Total # of Full-Time Jobs..... 2 Grads [10.0%]
- Total # of Apprenticeships..... 0 Grads [0.0%]

TOTAL # OF SUCCESSFUL OUTCOMES.... 3 Grads [15.0%]

SIJCC Cohort #2 Enrollment
by Employment Status



Graduation:

Description: Participants engaged in a graduation ceremony where they each received a Certificate of Completion signed by Willdan and ConEdison program managers. The graduation included several special guests and presenters; each of the presenters shared valuable insight with our students about the opportunities available to them in the clean energy industry and how they can find career success. The students were inspired by the encouragement they received from these industry leaders. As those who went before them, we have no doubt these participants received the same from the reminder that they are part of a large network of seasoned professionals.

Delivery: Friday 06/15/2021 from 6:00pm - 8:00pm

Invited Guest:

Notable Guest Speakers Invited:


- Beth Offenbacher, NYSERDA
- Shaun Hoyte, Con Edison SMB Program
- James Hendon, EEDC
- Amelia Winter, SIJCC
- Kathi Indelicato, SIJCC
- Diana K. Williams, Comrie Enterprises



The poster features the Willdan Clean Energy Academy logo at the top left. The main text reads: "THE WILLDAN CLEAN ENERGY ACADEMY TEAM CORDIALLY INVITES YOU TO JOIN US FOR A: Virtual Graduation Ceremony". The words "Virtual", "Graduation", and "Ceremony" are written in a white, cursive font, with "Graduation" highlighted on a brown brushstroke background. The text is surrounded by small white starburst graphics. Below this, the date and time are listed: "WEDNESDAY JUNE 15, 2022 6:00-8:00 P.M.". At the bottom, it says "CONGRATULATIONS GRADUATES!!" flanked by two Clean Energy Academy logos. The Zoom meeting details are provided: "Join Zoom Meeting https://zoom.us/j/92585232287?pwd=UkpZVjNiZlBHQ1d3ZzBqTXRhaWVZQT09 Meeting ID: 925 8523 2287 Passcode: 251448".

Testimonials

<p>Name of Student: Gonzalo Isaza</p> <p>I can't thank you enough for letting me have the opportunity to take the Building Envelope and Thermal Systems course. I enjoyed the experience learning about the building science because it helped me to add knowledge to my experience and help me to reach out to more people so that I can make a bigger impact and through doing this help to clean the environment. Your kindness has made a big difference and I am so grateful to Willdan Academy and the "dream team" that works in this project. Thank you for helping me and I am looking forward to taking others courses.</p> <p>- Gonzalo Isaza SIJCC WCEA Cohort #2 Graduate</p>	
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<p>Name of Student: Anikka Carter</p> <p>My name is Anikka and I'm originally from Harlem but now I reside in the Bronx. I'm a HUGE comic book, and Anime nerd, a big techie!</p> <p>So here's a quick backstory on how I ended up enrolling at CEA. I was let go from my job of almost 7 years because of covid back in 2020. I decided that working in hospitality wasn't sustainable and I needed to change my career path asap. A friend of mine told me about the PEI green construction job workforce program presented by BlocPower. I knew this was the opportunity I needed.</p> <p>While in the PEI program I took an energy auditing class taught by Clayton and Keith and loved the way they taught as well as their energy. They told me about CEA and to apply and the rest is history. While transitioning careers, my experience at CEA has been amazing! The classes and professional development are great, but, in my opinion, the entire CEA team is where the magic shines the brightest.</p> <p>A dedicated team of hardworking, experienced, and down to earth professionals, is extremely hard to find!!!</p> <p>I'm currently in the process of finding a job and already have been on a few interviews thanks to my career sherpas. They've been doing an awesome job with guiding me to the next stage of my career!</p> <p>- Anikka Carter SIJCC WCEA Cohort #2 Graduate</p>	
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