



Successful Climbers:

Cybersecurity Workforce Certification Training
Program for Transitioning Military & Veterans



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Introduction



The logo is circular with a white background and a red border. It features the text "Cybersecurity Workforce" at the top and "Certification Training" at the bottom. In the center, there is a blue circle containing the letters "CW" over "CT". Surrounding this central circle are several icons: a cross, a fingerprint, a padlock, a Wi-Fi symbol, and a graduation cap. Two red curved arrows point from the top to the bottom.

NCAE-C GRANT-FUNDED
**CYBERSECURITY TRAINING
FOR TRANSITIONING MILITARY
& FIRST RESPONDERS**

www.cwct.us

Session Outline

- Introduction
- CWCT Program & Goals
- Program Training & Advising Format
- Post-Program Stats: industry certifications, continuing education, & employment
- Stories of our Successful Climbers
- Discussion/Q&A



Cybersecurity Workforce Certification Training *(CWCT)* Program Goals

The goal is to prepare a competent workforce, enabled to protect the digital assets of our nation.

This project is supported by a National Centers of Academic Excellence in Cybersecurity Grant, housed at the National Security Agency. #H98230-20-1-0351

CWCT Program Goals



Successful completion of the program will offer participants:

- CWCT Certificate of Completion
- Exam voucher for at least 1 industry certification exam
- Pathways to pursue degree programs at participating institutions

Program Training

CWCT Course Tracks & Program Levels

Artificial Intelligence

Cybersecurity Administration

Digital Forensics

CWCT-Entry: 3 courses

CWCT-Professional: 6 courses

Training Offering

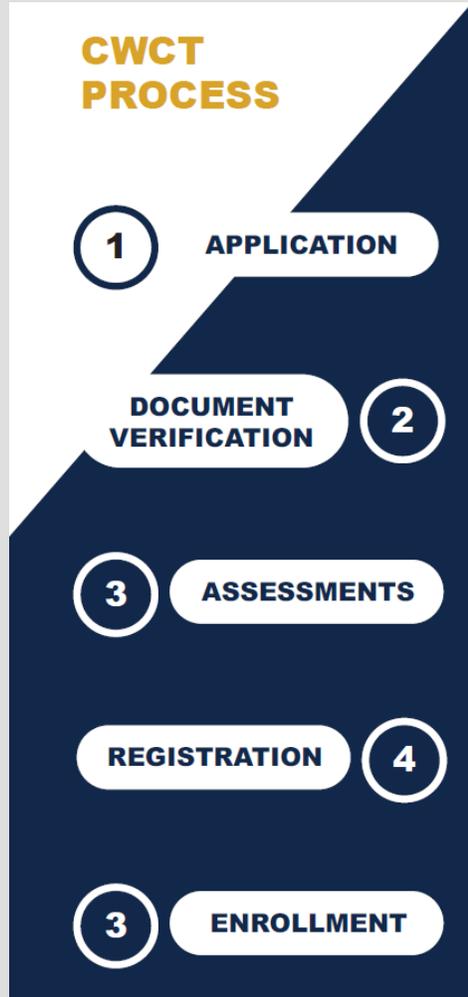
8-week training sessions (6 hours per week)

Interactive live training over zoom

20 sessions offering 367 classes with a total
enrollment of 14,647

- CWCT-Entry: A+, Sec+, & CyberOps
- CWCT-Professional: Entry + 3 track specific courses

Program Training



Admission Requirements:

- Proof of US Citizenship/Permanent Resident status
- Proof of service—DD214, LES/JTS, ERB/ORB, military orders (active)
- Pass English, STEM/math, and IT assessments



Advising Format

- Virtual Orientation & YouTube Channel
- Zoom & phone advising appointments
- First Week Check-In calls & emails
- Non-participation calls & emails @ 4-week & 7-week intervals

CYBERSECURITY DIGITAL FORENSICS CERTIFICATE PROGRAM		
Name: _____		
Session Dates: _____		
Course	Pre-requisite	Certification Prep
CWCT100 – CompTIA A+	Knowledge Assessment in Math, English, IT	CompTIA A+
CWCT116 – Linux System Administration	Knowledge Assessment in Math, English, IT	CompTIA Linux+
Session Dates: _____		
Course	Pre-requisite	Certification Prep
CWCT255 - Digital Forensics Investigation	CWCT100, CWCT116 and CWCT105*/CWCT115*	EC-Council CHFI
CWCT115 – Cisco CyberOps	CWCT100	Cisco CyberOps Asso.
Session Dates: _____		
Course	Pre-requisite	Certification Prep
CWCT105 – CompTIA Security+	CWCT100 CWCT115*	CompTIA Security+
CWCT235 – Computer Forensics	CWCT255	

*Prerequisite course that can be taken in parallel.



Advising—Career & Professional Development

CAREER DEVELOPMENT

We engage students with career preparation workshops, and connect them with non-profit organizations that specialize in career/networking preparations.



VIRTUAL JOB FAIRS

We hold 5 virtual job fairs each year for students to learn about companies, and interact with recruiters and representatives.



INDUSTRY PARTNERSHIPS

Industry partnerships are crucial, and we work to continue to partner with groups that hire, support, and engage within the realm of cybersecurity. We have signed MOU's with multiple hiring agencies, veteran organizations, and companies. We identify employer needs & match trainees with skills required.



- 7Eagle Group Inc.
- Act Now Education
- Hire Heros USA
- Clearance Jobs
- Microsoft
- Experis
- Booz Allen Hamilton
- Brooksource

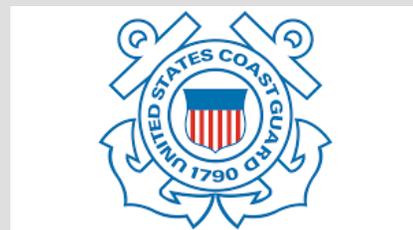


Post-Program Statistics

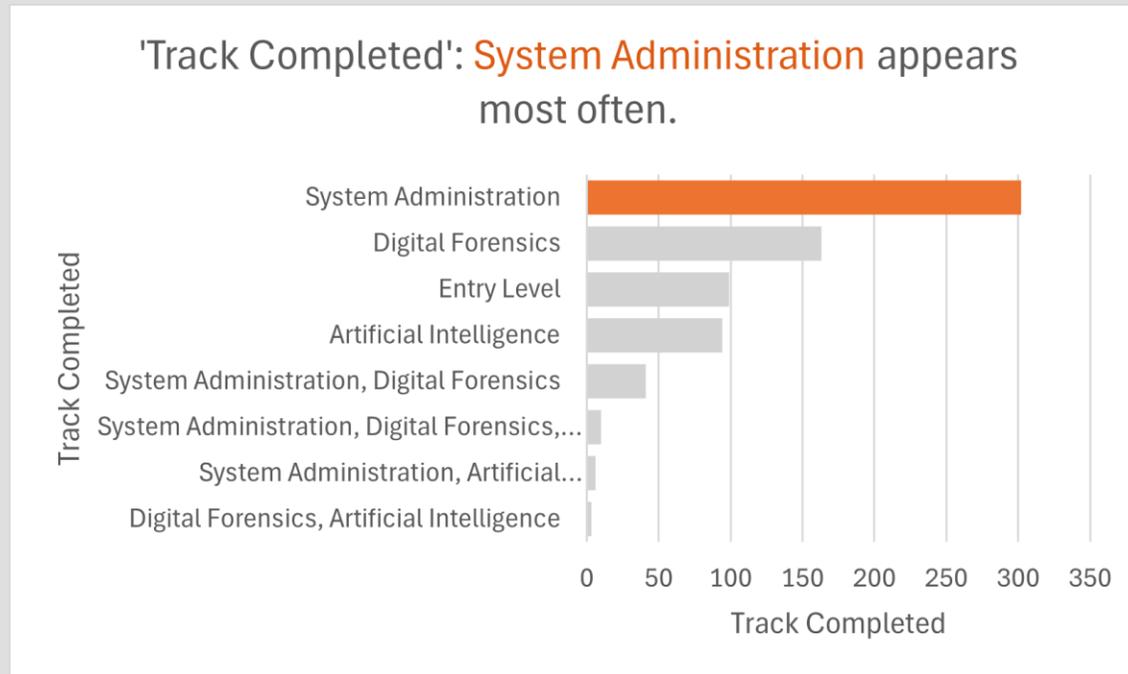
Industry Certifications • Continuing Education • Employment

Post-Program Stats: Military & Veteran Participants

	Measurement	Total
Graduates—Active Military & Veterans	# of participants	718
Representation of Total Program Grads	Percentage (%)	69%



Post-Program Stats: Track Completion



Track Completed	Count
System Administration	302
Digital Forensics	163
Entry Level	99
Artificial Intelligence	94
System Administration, Digital Forensics	41
System Administration, Digital Forensics, Artificial Intelligence	10
System Administration, Artificial Intelligence	6
Digital Forensics, Artificial Intelligence	3
Grand Total	718

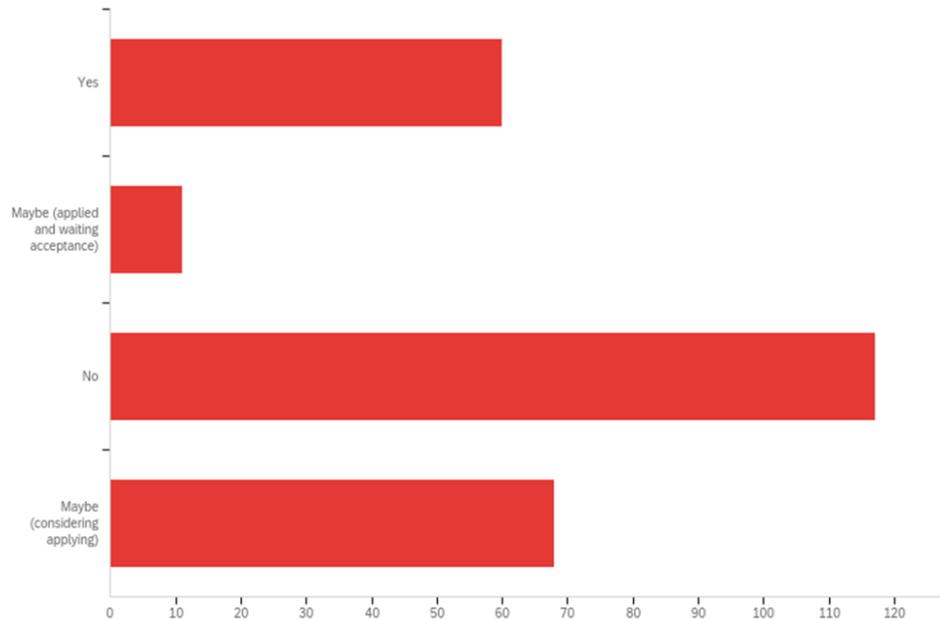
Post-Program Stats: Industry Certifications

Exam	Count of Exam
CEH	118
Security+	113
CyberOps	72
A+	64
CHFI	58
RHCSA	51
Linux+	39
Python Programming	17
ICS/SCADA	14
Grand Total	546



Post-Program Stats: Education

Q4 - Since completing the CWCT program, have you enrolled in a college/university/tech school or other training program?



Answer	%	Count
Yes	23.44%	60
Maybe (applied and waiting acceptance)	4.30%	11
No	45.70%	117
Maybe (considering applying)	26.56%	68
Total	100%	256

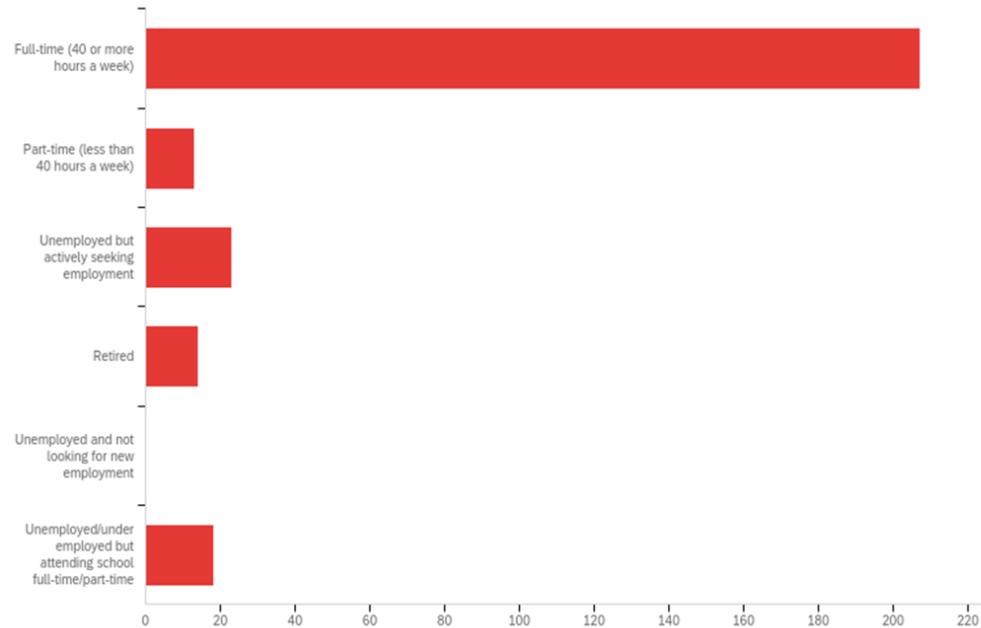
Post-Program Stats: Education & Training

- SANS Institute
- Western Governors University
- Southern New Hampshire University
- Purdue Global
- University of Maryland Global College
- American Military University
- Georgia Institute of Technology



Post-Program Stats: Employment

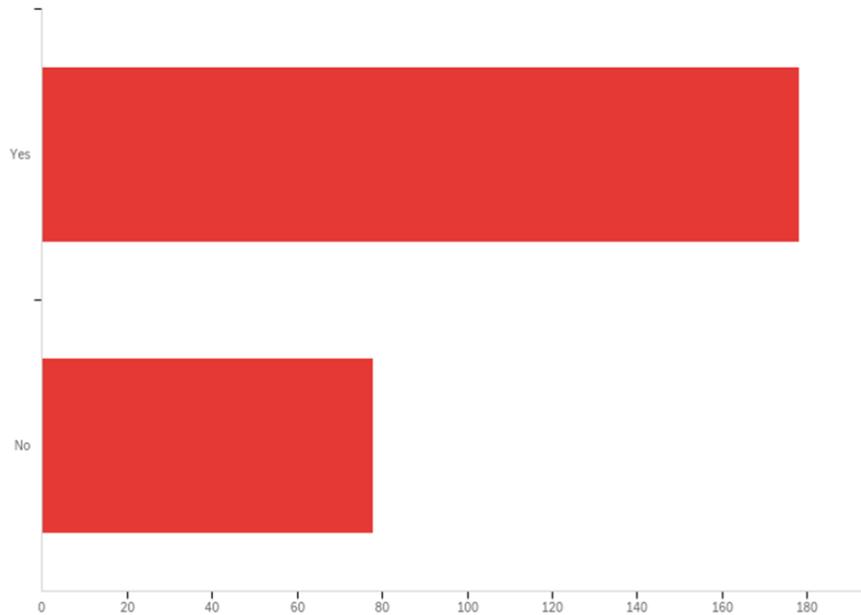
Q2 - What is your current employment status? (select all that apply)



Answer	%	Count
Full-time (40 or more hours a week)	75.27%	207
Part-time (less than 40 hours a week)	4.73%	13
Unemployed but actively seeking employment	8.36%	23
Retired	5.09%	14
Unemployed and not looking for new employment	0.00%	0
Unemployed/under employed but attending school full-time/part-time	6.55%	18
Total	100%	275

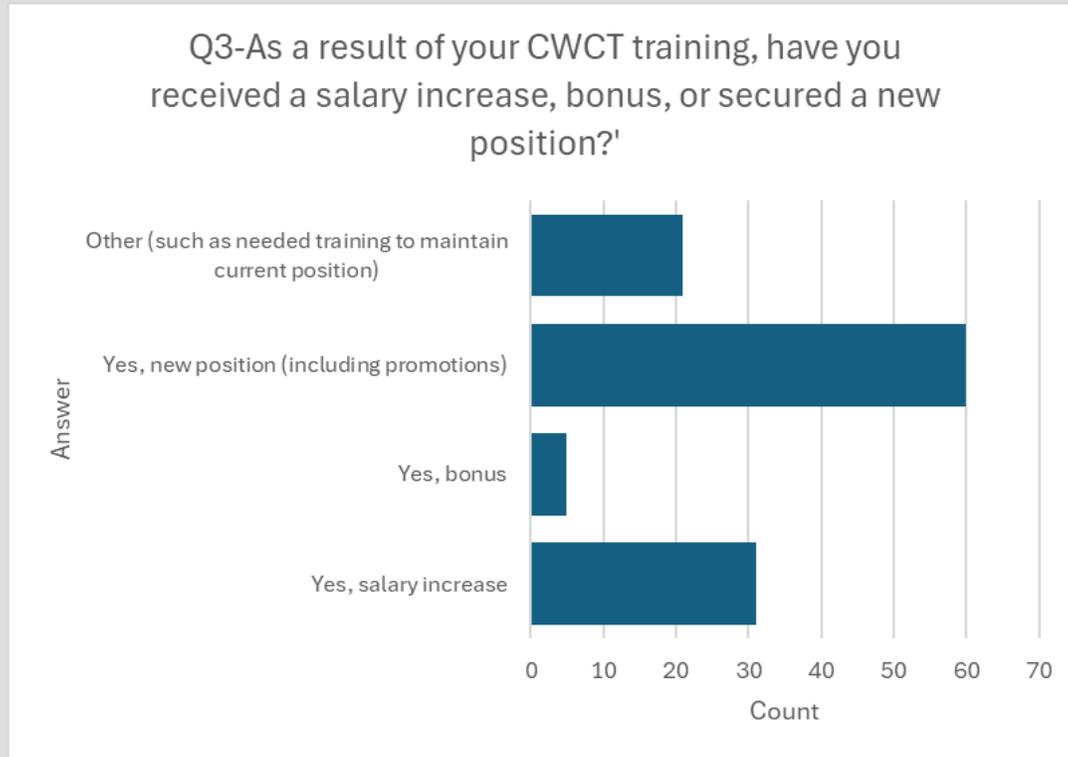
Post-Program Stats: Employment

Q5 - Since completing the CWCT program, are you seeking new employment opportunities?



Answer	%	Count
Yes	69.53%	178
No	30.47%	78
Total	100%	256

Post-Program Stats: Employment



Answer	%	Count
Yes, salary increase	26.00%	31
Yes, bonus	4.00%	5
Yes, new position (including promotions)	51.00%	60
Other (such as needed training to maintain current position)	19.00%	21
Total	100%	117

Stories of our Successful Climbers: Charles Mason



Current role: Cloud Operations Engineer at Johnson & Johnson

Service experience: Army veteran (Operations Manager)

Personal CWCT benefits:

- Community w/ transitioning military
- Exposure to new IT & cybersecurity platforms
- Industry certifications opened job doors & offered transition back to school

Stories of our Successful Climbers: Michael Alvarado

Current role: IT Security Analyst at CLS-GROUP

Service experience: Army veteran
(Communication Engineer), Iraq deployments

Personal CWCT benefits:

- Networking w/ cyber community
- Real-world experience of cyber attacks (Packet Tracer program)
- Prepared him for SANS Institute & his current role as a security analyst



Stories of our Successful Climbers: Hugh Shepherd



Current role: Digital Infrastructure Field Advisor at U.S. Trade & Development Agency (USTDA)

Service experience: Army veteran (Communications Specialist)

Personal CWCT benefits:

- Flexible training while living overseas
- Very hands-on, refresh skill set & boost credibility
- Broad course experience in AI, forensics, and system administration made him a valuable applicant in job market

**Thank
you**



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