

National Cybersecurity Workforce Development Program Proposal

Institution Name: Eastern New Mexico University- Ruidoso Branch Community College

1. Workforce Development Program Name: CAE Cybersecurity Workforce Development Certification
2. Target audience: **transitioning military and first responders, and native American populations**
3. Target number of participants in Y1 (if you will offer a small pilot in Y1): **up to 10 cohort**
4. Target number of participants in Y2: **up to 20 cohort**
5. Academic and prerequisite requirements for WD program:
 - a. Education: **high school or GED**
 - b. Relevant prior military/work experience): **N/A (We provide credit for MOS Pathways).**
 - c. Other desirable qualifications (**security clearance, citizenship**)
6. NICE Cybersecurity Workforce Framework (NCWF) work roles targeted by program:

NICE Specialty Area	Work Role
Operate and Maintain (OM)	
Customer Service and Technical Support (STS)	Technical Support Specialist
Network Services (NET)	Network Operations Specialist
Systems Administration (ADM)	System Administrator
Systems Analysis (ANA)	Systems Security Analyst
Protect and Defend (PR)	
Cybersecurity Defense Analysis (CDA)	Cyber Defense Analyst
Cybersecurity Defense Infrastructure Support (INF)	Cyber Defense Infrastructure Support Specialist
Incident Response (CIR)	Cyber Defense Incident Responder
Vulnerability Assessment and Management (VAM)	Vulnerability Assessment Analyst
Collect and Operate (CO)	
Cyber Operations (OPS)	Cyber Operator

7. Certifications, competencies and/or badges to be earned (if known): **CompTIA A+/PC Pro, CompTIA Network +/Network Pro, and CompTIA Security +/Security Pro certificates in addition to ENMU-Ruidoso Computer and Network Security Certificate**
8. A brief description of each of the following:
 - a. Goals and plan for developing and offering your proposed WD program(s): **Year 1 offer our Computer and Network Security Certificate integrated with Apprenticeship certificate program leveraging our expertise in Risk Management and DHS CSET Tool. Year 2 the consortium model integrated with our curriculum.**
 - b. How you will recruit and evaluate students, including connections with military bases, law enforcement and/or first responders: **Use current marketing to U.S. Military bases, NM Workforce Development, and our Native American partnership model.**
 - c. Industry sector(s) that program will address and industry partnerships you have that will help program succeed. WD programs need to focus on finance sector or critical infrastructure and defense sector. **Critical Infrastructure partners in Energy and Defense.**
 - d. WD mode: **May use hybrid coop/apprenticeship/internship model**
9. Proposed Key Performance Metrics
 - a. Outputs: **(30, 3 Industry/Lab Sim and 1 ENMU-Ruidoso Certificate of Completion , through New Mexico Workforce Development and ENMU-Ruidoso Cybersecurity Center of Excellence advising job placement , degree pathways for Associates of Applied Science Information Systems Cybersecurity and BS to ENMU-Ruidoso Portales, NM Tech, Excelsior College, or Grand Canyon University.)**
 - b. Outcomes **(95+%, 90% 12-month retention, 90% 2-3-year retention)**