Missoula College
University of Montana
CAE-CD Rapid Training Program

CAE Symposium

Seattle WA

June 8-9, 2023

Missoula College CAE History

- First CAE in Montana, designated in 2017

- Original PoS, Certificate of Technical Studies (CTS) in Cybersecurity, used 6 courses to meet requirements

- Revised CTS in Cybersecurity meets requirements in 4 courses

- Redesignation in 2022-2023; 2 Programs of Study will be pursued. Revised CTS (approved) and A. A. S. in Information Technology & Cybersecurity.

CTS Program of Study

- CCNA I Basic Networking (Network+ Preparation)

- Operating Systems (Network+/Security+ Preparation)

- Enterprise Security (Security+ Preparation)

- Ethics in Computer Science

Cyber Rapid Training Program - Concept

- Use the CAE-CD PoS as a launching point for those wanting to enter the field of cybersecurity

- Target audience: individuals already in the workforce who want to transition to cybersecurity

- Comply with ARPA rapid training timeframe of 6 months or less – offer all 4 courses in a single semester

- Add wrap-around support services to ease transition (back) to academia and address demands of course load

- Incorporate career readiness training and pre-hiring support.

Cyber Rapid Training Program Additions

- Pre-registration meeting to discuss course load

- Assistance with university application and registration process

- Weekly meetings with cohort

- Additional content covering the Career Readiness competencies of National Association of Colleges and Employers (NACE):

Career & Self-Development	Equity & Inclusion	Teamwork
Communication	Leadership	Technology
Critical Thinking	Professionalism	

- Résumé development sessions with Career Coaching staff.

Trainee Pipeline

- Montana Department of Labor & Industry

    Job Service Montana offices
    Montana Registered Apprenticeship Program
    Workforce Programs, Data & Operations Bureau

- Montana Vocational Rehabilitation
- University of Montana Military & Veteran Services Office
- Local government
- Private sector business
- Self-referrals from across the state.

Financial Support

Financial Support covers tuition, fees, and books (~$2,500 for Montana residents)

- American Rescue Plan Act (ARPA) and Workforce Innovation and Opportunity Act (WIOA) funds available through Montana Department of Labor & Industry

- Montana Vocational Rehabilitation

- GI Bill

One Year Lookback

- 13 completers of 17 participants; 2 working at a slower pace (75% completion rate)

- 6 attempts to earn Security+ or Network+ certification, 1 passing score in Security+

- Local businesses interested in program as a baselining/onboarding tool

- CTS in Cybersecurity offered to high school students over 2-4 semesters

- Students following non-rapid timeframe receive traditional support services

Missoula College Cyber Rapid Training Team

- Dr. Thomas Gallagher, Dean, Missoula College

- Dr. Vic Valgenti, Program Director, Networking and Cybersecurity Program

- Dr. Cheyenne Laue, Networking and Cybersecurity Faculty

- Jeff Arends, Networking and Cybersecurity Faculty

- Dianne Burke, Networking and Cybersecurity Faculty

- Wally Higgins, Networking and Cybersecurity Faculty

- Christopher Prosa, Director of Workforce Development

- Kristal Crowley, Special Projects Coordinator