

**University of Montana**  
**\$1,500,000**

The Montana Cyber Hub for workforce education is to serve the entire state of Montana from Missoula College. As Montana's first Nationally-recognized Center of Academic Excellence for Cyber Defense Education (National Security Agency and the Department of Homeland Security, 2017), Missoula College is uniquely poised to lead Montana Cyber Hub (Dean of Missoula College has deep background in IT/Technology). UM will utilize remote learning to deliver education to all regions in the State using remote technologies for both non-traditional short-term training (boot camps, code school, and IRC.) and existing certificate and two-year degree programs.

Cyber defense readiness includes development of the cybersecurity professional pipeline; professional development and upskilling of the existing cybersecurity workforce; and education programs designed to increase cyber awareness and increase the cybersecurity defense capacity of businesses.

**Other campuses and partnerships involved in the initiative****Campuses**

- Helena College
- Highlands College
- Montana Tech
- Great Falls College

**Partnerships**

- Cyber Range Solutions
- Proofpoint, Inc
- Cyber.org
- CyberUSA
- Army National Guard
- State of Montana/National Governors Association
- Cengage

**Status update on the initiative**

CyberHub is broken down into 4 areas: creation of the Montana Cyber Range; workforce development for new learners and current practitioners; and statewide cyber awareness education, and dedicating personnel for recruitment & career mentoring as well as personnel to supplement Missoula College's existing cybersecurity program.

The CyberHub initiative is focused on the following efforts:

- Creation of the Montana Cyber Range
- Workforce Development
- Small Business Cybersecurity End-user Training
- Recruitment and Career Mentoring

### **Plans for carrying out the initiative for the remainder of the biennium**

- Development, delivery, and promotion of dual enrollment courses
- Expanding offerings at other 2-year campuses
- Upskilling efforts for workforce development

### **Metrics used to measure success**

- ✓ Number of CyberHub program participants engaged from outside Missoula County, and through remote delivery technology
- ✓ Number of participants and program completers from Montana's underserved groups