



EWU Catalyst Building in Spokane, WA

The Cybersecurity Institute for Bridging Education and Research (CIBER) at **Eastern Washington University (EWU)** emphasizes real-world experience integrated with hands-on, practical, and ethical hacking laboratories. EWU prepares the next generation to design, harden, and protect computer and network systems for all cybersecurity environments.

Our mission is to train and support those who will fulfill the computing and cybersecurity needs of private organizations, as well as local, tribal, regional and national governments, by expanding opportunities for personal transformation through excellence in learning, scholarship, and service. We are committed to providing diverse, equitable, and inclusive educational opportunities to all students. EWU equips students with the knowledge and skill sets necessary for the future of computing and cybersecurity.

DESIGNATIONS

- CAE-Cyber Defense

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EWU considers participation in cyber defense and cyber physical system competitions an important part of student development. The university supports clubs dedicated to cybersecurity in competitions that include the Department of Energy CyberForce Competition, regional and state capture-the-flag competitions, the Collegiate Cyber Defense Competition, and NCAE cyber games. EWU is the 2023 NCAE Cyber Games National Champion! EWU has excellent and well-known faculty members with practical experience and deep knowledge in network security, penetration testing, and cyber physical systems security.

CIBER at Eastern Washington University (EWU) has several key objectives. It aims to offer educational programs in critical areas of cybersecurity, including information assurance and network security, among others. Additionally, CIBER is focused on developing a top-tier research environment in cybersecurity for both faculty and students. An essential part of its mission involves establishing and nurturing partnerships at various levels, from local to national, to facilitate real-world, practical learning experiences. These goals collectively ensure that CIBER contributes significantly to the field of cybersecurity education and research.

Information assurance and cybersecurity topics are integrated into the undergraduate curriculums offered within the Department of Computer Science and Electrical Engineering into a Bachelor of Science in Computer Science with a cybersecurity minor. Students completing the NCAE-C course requirements will receive a certificate of completion.