



**New Mexico Tech** is a public education and research university focused in science, technology, engineering, and mathematics, and is classified by the Carnegie Classification as a Research Doctoral: STEM-Dominant Institution.

With a long history of national defense related research, the Computer Science and Engineering (CSE) department at New Mexico Tech started to offer cybersecurity focused educational programs in 2001. The Information Technology (BS in IT) program, with the special emphasis on cybersecurity, was developed to serve as a national powerhouse for better training cybersecurity workforce with integrated research, training, and educational efforts. The CSE department offers BS in Computer Science, MS in Computer Science, and PhD in Computer Science degree programs. In addition, the department recently developed and offered a

graduate certificate program in cybersecurity for graduate students and post-baccalaureate professionals who want to build and strengthen their capabilities in cybersecurity for their academic and professional work. The cybersecurity program at the department includes foundational course offering such as Cryptography and Applications, Foundations of Information Security, Information Protection and Security, and Network Security, as well as many special topic and advanced courses on cybersecurity such as Access Control & System Security, Secure System Administrations, and Hardware-based Network Security.

New Mexico Tech is also the home of the Institute for Complex Additive Systems Analysis (ICASA), established by the New Mexico Legislature as a computer security and forensics division focused on cyberterrorism and cybercrime.

## DESIGNATIONS

- CAE – Cyber Defense Research

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