



NEW MEXICO STATE UNIVERSITY



NMSU Aggie Gates

New Mexico State University (NMSU) is committed to advancing knowledge and fostering innovation through research, teaching, and community engagement. The university's mission is to serve the educational needs of New Mexico's diverse population through high-quality programs, promoting economic development and social progress. With a strong emphasis on inclusivity and student success, NMSU creates an environment where students can achieve their academic and professional goals, contributing positively to society.

NMSU offers a Bachelor of Information and Communication Technology (ICT) degree within the College of Engineering's Engineering Technology and Surveying Engineering (ETSE) department, designated as a National Center of Academic Excellence in Cyber Defense (NSA-CAE). The ICT program focuses on designing, implementing, and managing information

systems, covering operating systems, system integration, networking, software development, security, cloud technologies, and project management. The program offers four degree pathways:

Cyber Defense Concentration: Emphasizes protecting computer systems and networks from cyber threats. Students learn advanced cybersecurity practices, including risk assessment, threat mitigation, and incident response.

Networking Technology Concentration: Focuses on designing, implementing, and managing network systems. Students gain hands-on experience with network infrastructure, including routers, switches, and firewalls.

Software Development Concentration: Provides a comprehensive understanding of software engineering principles. Students develop software applications through courses in programming languages, software design, database management, and web development.

No Concentration: Students can choose multiple courses from the various concentrations based on their interests.

NMSU's ICT program prepares students to meet the evolving demands of the cybersecurity and technology sectors. Once students complete their degree, they can enter the workforce or continue with the Master of Information Technology degree. They can also take advantage of the Masters Accelerated Program and count up to 12 credits from the bachelor's degree toward their Master's degree.

DESIGNATIONS

- CAE-Cyber Defense

CONTACT INFORMATION

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