

Bachelor of Science in Cybersecurity

Program Educational Objectives

Program Educational Objectives (PEOs) are broad statements that describe what graduates are expected to attain within a few years of graduation. Program Educational Objectives are based on the needs of the program's constituencies.

PEO 1: Apply general and discipline specific concepts and methodologies to identify, analyze and solve problems in the cyber technology discipline.

PEO 2: Demonstrate an individual desire and commitment to remain technically current with, and adaptive to, changing technologies through continuous learning and self-improvement.

PEO 3: Demonstrate independent thinking, function effectively in team-oriented settings, and maintain a high level of performance in a professional/industrial environment.

PEO 4: Communicate effectively in a professional/industrial environment.

PEO 5: Perform ethically and professionally in business, industry, and society.

PEO 6: Attain increasing levels of responsibility and leadership in the cyber technology field.

Program / Student Learning Outcomes: What Will I Learn?

Select an outcome statement to see the related measures and results.

Graduates of the Bachelor of Science in Cybersecurity will be able to:

1. Describe defensive network architecture that uses multiple layers of protection.
2. Analyze technologies and processes that monitor, maintain, and protect the data of an institution.
3. Evaluate and apply Industry Tools to respond to cyber incidents.
4. Create and disseminate cyber security reports to stakeholders.
5. Conduct risk and vulnerability assessments of existing and proposed security systems.
6. Develop and implement organizational cyber security policies and procedures.
7. Demonstrate the ability to understand professional, ethical, and social responsibility, including the effect of culture, diversity, and interpersonal relations.
8. Demonstrate proficiency in communicating technical information in formal reports, documentation, and oral presentations to users and information technology professionals.
9. Demonstrate a commitment to professional development and to continue to engage in lifelong learning.

This program does not have sufficient results to present outcomes data at the program level. Data represented on this site includes information on programs that have been in existence longer than 3 years, and have available direct and indirect learning outcomes data on at least 20 students, or unless otherwise specified by specialized accreditation to require reporting of all results less than $n = 20$.