



SCHOOL OF CYBERSECURITY

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Program-Level Learning Outcomes

Students will be evaluated throughout the program using formative assessments, such as quizzes, tests, cases studies, papers, research projects, and presentations. Student learning outcomes cover many of the technical competencies that are required for the area of cybersecurity. Specifically, graduates will be able to:

1. Analyze ethical and social issues in the area of cybersecurity to clearly understand ethical standards and rules for cybersecurity professionals and to promote social responsibility;
2. Communicate in writing their understanding of cybersecurity problems and decisions about cyber defense and operations in a cohesive and well-structured manner;
3. Integrate principles and methods from a variety of disciplines to develop and implement best practices to solve cybersecurity complexities;
4. Design effective computer and network systems to defend malicious attacks;
5. Analyze global cybersecurity problems and make decisions that enhance the effectiveness of cyber defense and operation solutions based on these analyses; and
6. Orally communicate their understanding of cybersecurity, and explain decisions in cohesive and well-structured presentations to both technical and non-technical audience.