Cybersecurity, B.S.

Mission Statement

The mission of the Department of Computer Science is to provide a high-quality, student-oriented educational experience to our undergraduate and graduate students. The department prepares students for successful computing careers by empowering them with the knowledge and skills to contribute responsibly and creatively to a complex and ever-changing world, and to continue professional development and life-long learning. The Department of Computer Science offers a Bachelor's of Science in Computer Science, Cybersecurity, and Software Design & Development.

Student Learning Outcomes

UWF Cybersecurity graduates should be able to do the following:

Content

- Apply security principles and practices to maintain operations in the presence of risks and threats.
- Design, implement, and evaluate a computing- based solution to meet a given set of computing requirements in the context of the program's discipline.

Critical Thinking

- Analyze a complex computing problem and to apply the principles of computing and other relevant disciplines to identify solutions.

Communication

- Communicate effectively in a variety of professional contexts.

Integrity/Values

- Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.

Project Management

- Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline.

Assessment of Student Learning Outcomes

The program will be assessed annually through a rotating model of assessing one of the four Student Learning Outcome (SLO) per year, completing the program assessment within four years. An Assessment Committee will develop an assessment plan for each year to select the SLO and the corresponding courses that are being assessed. The course coordinators for assessed courses will be charged with developing the instrument for assessment and collecting and submitting the assessment data to the Assessment Committee at the end of the semester for review and to make recommendations for program improvements to the entire faculty.

Job Prospects for Cybersecurity Graduates

Cybersecurity has become a major concern to society. Businesses and governments are making significant investments in cyber defense resulting in a growing job market of cybersecurity professionals. Students completing the degree will have a wide range of career opportunities including Cybersecurity Analyst, Network Administrator, Database Administrator, Software Developer, and more.

Find out more about Cybersecurity at UWF:
https://uwf.edu/programs/hmcse/cybersecurity-bs/