Cybersecurity BS

Ethical Principles and Management Skills

Goal Description:

To develop students' knowledge of ethical principles, technical skills, and management skills relevant to the field of Digital Forensics Engineering Technology.

Providing Department: Cybersecurity BS

Progress: Completed

RELATED ITEMS/ELEMENTS -----

RELATED ITEM LEVEL 1

Ethical Principles and Management Skills

Learning Objective Description:

Students will develop and demonstrate an understanding of the ethic considerations and management principles relevant to the field of Digital Forensics Engineering Technology.

Technical Competence

Goal Description:

Students will have a strong technical foundation, i.e., students will develop and demonstrate knowledge of theoretical materials, and computational and technical skills in the areas of Digital Forensics Engineering Technology.

Providing Department: Cybersecurity BS

Progress: Completed

RELATED ITEMS/ELEMENTS

RELATED ITEM LEVEL 1

Technical Competence

Learning Objective Description:

Students will develop and demonstrate knowledge of technical skills, relevant to the field of Digital Forensics Engineering Technology.

RELATED ITEM LEVEL 2

SOs PEOs Assessments

Indicator Description:

UCC committees will select core subject for SO (Student Outcomes) evaluations. Previously planned TASO(Test for Assessing Student Outcomes) exam is no longer used, and the new assessment tool (named Course-Based Evaluations) will be implemented to quantitatively measure these Student Outcomes.

- 1. Student exit survey in COSC 4319 will be deployed to evaluate SOs and PEOs.
- 2. Software engineering project presentation and Ethic quiz in COSC 4319 and COSC 4349 will be used to measure the program performance
- 3. UCC have revised the project rubric for the software engineering (COSC 4319)

Criterion Description:

Rubric to measure the cyber security program has been developed and deployed during the spring 2022 semester. Data will be collected during fall and spring semesters. Handout1 provides a description of the updated rubric

Attached Files

Handout1(1).docx

Findings Description:

The department is in the process of collecting data for fall and spring semesters. The first dataset will be available in the next assessment cycle.

RELATED ITEM LEVEL 3

SOs PEOs Assessment Action

Action Description:

No data is available during the current assessment cycle. For the next assessment cycle, the CS department will collect data for fall and spring semesters. Findings will be discussed during UCC meetings.

Update to Previous Cycle's Plan for Continuous Improvement Item Previous Cycle's Plan For Continuous Improvement (Do Not Modify): **Closing Summary**

Get prepared for ABET accreditation.

Update of Progress to the Previous Cycle's PCI:

Applying for ABET accreditation has been postponed, the department is in the process of making software engineering program ABET accredited.

New Plan for Continuous Improvement Item

Closing Summary:

For the next few years the department will collect student performance data via course-based evaluation (COSC 4319) and ethic quiz survey. Data will be collected during fall and spring and shared with UCC. The data will be archived in department blackboard websites. Such data will be used towards obtaining future ABET accreditation.