Program Assessment Report

Program: Criminal Justice - Digital Forensics

Year: 21/22

Division: Social Sciences

Contact: Joshua George

Delta College

Actions Taken in Response to Last Year's Report

This is the initial assessment of this outcome

Rationale for Current Assessments

Assessment 1 of 1

Goal / Project

Outcome(s)

(4) Demonstrate an understanding of the methods and processes utilized in digital investigations.

Standard / Objective

70% of students will score at least a pass (75%) on course-embedded questions related to their ability to demonstrate an understanding of the methods and processes utilized in digital investigations.

Method of assessment

Course Embedded Paper(s)/Projects

Comment/Details about the method of assessment

Students were provided embedded questions throughout the course related to demonstrating an understanding of the methods and processes utilized in digital investigations. Each question was placed within quizzes, discussion boards, and exams throughout the course in varying methods (true/false, multiple choice, and short answer). The student was considered to have passed the assessment if they completed each of the linked questions at a rate of at least 70%.

Courses Affected

Digital Investigations (CSI240)

Time Frame

Winter 2021- Fall 2022

Submitted By

Joshua George

Result

Result

(3) Results exceeded expectation/standard

Data Collection (general or specific stats regarding results)

CSI-240 was chose as it contains a "mastery" level of the chosen outcome and is a required core course within the digital forensics program. A total sample size of 20 participants was utilized from all CSI-240 courses from Winter 2021-Fall 2022. Within that sample, 6 were Digital Forensics majors, representing

26.09% of the program (total enrollment for digital forensics is 23). Of those sampled, 5/6 (83%) passed the threshold for this objective. The average pass-rate between the non-digital forensics majors, which include cybersecurity, criminal technology, as well as various other majors, was 79%. The resulting pass-rate for digital forensics majors far exceed the 75% threshold for this outcome and also exceeds non-majors taking this course. The average CSI-240 pass rate across the three courses sampled was an 80%, for which the program appears to exceed, lending validity to the assessment model.

What We Learned (areas for improvements, strengths, etc.)

The data appears to show the program is not only meeting, but exceeding standards for this chosen objective with the vast majority of students able to demonstrate an understanding of the methods and processes utilized in digital investigations.

Use of Data to Improve Student Success

We will not make programatic adjustment in this area since the program outcomes appear to be met and/or exceeded.

Institutional Student Learning Outcome	Action plan items of what is planned based on the data and results	
☐ Apply Knowledge and Skills	☐ Change assignments/activities	☐ Update course content
☑ Think Critically	☐ Change materials provided	☐ Update course outcomes
☑ Communicate Effectively	☐ Adjust grading rubric	☐ Update prior courses
☐ Act Responsibly	☑ Continue to Monitor	☐ Other

Comments and Action Plan

Discipline/Program Comments

We are pleased the program appears to be exceeding the program outcome expectations in relation to applying professional standards of writing.

Advisory Board Comments

Assessment Committee Comments

Curriculum Council Comments

Action Plan

No changes to me made, based on above satisfactory progress of student outcome achievement with the program.

Actions Taken in Response to Older Reports