Student Learning Outcomes (SLOs) Report for Non-Accredited Programs

(*updated 9/19/23*)

Program Type: **Non-Accredited Program**

Program Name:
Bachelor of Sciences in Computer and Information Technology

Submitted By:
Toqeer Israr

Email:
taisrar@eiu.edu

Submission Date:
Oct 15, 24

Review Cycle:
- o Even Year
- o Odd Year

Review Round:

- o **Round A** (Associate Dean review)
- o **Round B** (Associate Dean + VPAA review)

All SLO reports are archived here: https://www.eiu.edu/assess/majorassessment.php

DUE: **October 15th** to your Associate Dean or designee

Each academic program is expected to prepare a Summary of the Assessment Data by Student Learning Outcome. This summary may take the form of a chart or other means of presentation that describes the annual data collected, when it is collected, in which course(s), through which assignment or activity, and by whom. This summary should clearly indicate what the program seeks to discover in its students' learning. The summary should correspond to the record-keeping documents maintained by the academic program.

Program Name:

PART 1. OVERVIEW OF STUDENT LEARNING OUTCOMES AND MEASURES

Student Learning Outcome (SLO)	What **measures and instruments** are you using? This could be an oral or written exam, a regularly assigned paper, a portfolio—administered early and later in coursework.	How are you using this info to improve student learning? What are you hoping to learn from your data? Include **target score(s) and results**, and specify whether these were met, not met, or partially met for each instrument.	Does your SLO correspond to an **undergraduate learning goal (ULG)**: writing, speaking, quantitative reasoning, critical thinking, responsible citizenship?
Identifies the problem and problem-solving strategy using math/science/engineering principles	- Specific questions in midterm/final exams	Target: 80 % will achieve at least 80% We plan on collecting data from various courses over the semesters, and once a year, have a faculty meeting to discuss the observed scores vs the target scores. If the observed scores are below the target, we plan on developing measures to improve the required skills. If the observed scores are above the target scores, then we plan on increasing our target score for continuous improvement. As the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not.	critical thinking, quantitative reasoning

Design, implement, and evaluate a computing-based solution	- Assignment	Target: 80 % will achieve at least 80% We plan on collecting data from various courses over the semesters, and once a year, have a faculty meeting to discuss the observed scores vs the target scores. If the observed scores are below the target, we plan on developing measures to improve the required skills. If the observed scores are above the target scores, then we plan on increasing our target score for continuous improvement. As the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not.	Quantitative reasoning, critical thinking
Creating documents appropriate for specific audiences, purposes, genres, disciplines, and professions.	- Final Project - Assignments	Target: 80 % will achieve at least 80% We plan on collecting data from various courses over the semesters, and once a year, have a faculty meeting to discuss the observed scores vs the target scores. If the observed scores are below the target, we plan on developing measures to improve the required skills. If the observed scores are above the target scores, then we plan on increasing our target score for continuous improvement. As the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not. Target: 80 % will achieve at least 80%	writing
Presentation to appropriate for specific audiences, purposes, genres, disciplines, and professions.	- Oral Presentations		speaking

Understand and apply code of ethics for the discipline	- Assignment, specific question on tests	Target: 80 % will achieve at least 80% We plan on collecting data from various courses over the semesters, and once a year, have a faculty meeting to discuss the observed scores vs the target scores. If the observed scores are below the target, we plan on developing measures to improve the required skills. If the observed scores are above the target scores, then we plan on increasing our target score for continuous improvement. As the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not.	responsible citizenship
Contributes to Team to accomplish a given task	- group project	Target: 80 % will achieve at least 80% We plan on collecting data from various courses over the semesters, and once a year, have a faculty meeting to discuss the observed scores vs the target scores. If the observed scores are below the target, we plan on developing measures to improve the required skills. If the observed scores are above the target scores, then we plan on increasing our target score for continuous improvement. As the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not.	quantitative reasoning, critical thinking

| Apply security principles and practices in a system | - Assignment, specific question on tests | Target: 80 % will achieve at least 80%
We plan on collecting data from various courses over the semesters, and once a year, have a faculty meeting to discuss the observed scores vs the target scores. If the observed scores are below the target, we plan on developing measures to improve the required skills. If the observed scores are above the target scores, then we plan on increasing our target score for continuous improvement.

As the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not. | quantitative reasoning, critical thinking |
| | | | |

PART 2. IMPROVEMENTS AND CHANGES BASED ON ASSESSMENT

A. Provide a short summary (1-2 paragraphs) or bulleted list of any **curricular actions** (revisions or additions) that were approved over the past two years as a result of reflecting on the student learning outcomes data. Are there any additional future changes, revisions, or interventions proposed or still pending?

- As mentioned, the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not. However, because of results from unofficial data gathered, we have revised our CIT program to be more flexible, such that CIT students can take more technical elective courses to strengthen understanding in their chosen area of emphasis.
- Furthermore, CIT program is preparing for ATMAE accreditation, and hence any previous assessment efforts were halted, so we do not have any conflicting/duplicating efforts

B. Provide a brief description or bulleted list of **any improvements (or declines)** observed/measured in student learning. Be sure to mention any intervention made that has not yet resulted in student improvement (if applicable).

- As mentioned, the assessment piece has recently started for this program, we do not have any enough data to determine if the target scores have been met or not. However, because of results from unofficial data gathered, we have revised our CIT program to be more flexible, such that CIT students can take more technical elective courses to strengthen understanding in their chosen area of emphasis.

C. HISTORY OF DATA REVIEW OVER THE PAST TWO YEARS

Please document annual faculty and committee engagement with the assessment process (such as the review of outcomes data, revisions/updates to assessment plan, and reaffirmation of SLOs).

Date of annual (or periodic) review	Individuals or groups who reviewed the assessment plan	Results of the review (i.e., reference proposed changes from any revised SLOs or from point 2.A. curricular actions)
Feb 23, 2024	Thomas MacMullen, Sean Roberts, McKenzie Snoody, Moath Jarrah, Ammar Bhutta, Ibrahim Salami, Toqeer Israr	No changes -

Dean Review and Feedback

The assessment data collected for the Computer Information Technology (CIT) program has been determined to be somewhat positive by this reviewer. The CIT program has made great strides in revising and improving the CIT program to make it more flexible for the CIT student. The improvements to the CIT program will allow the CIT students to have additional technical elective courses to strengthen their understanding in their chosen areas of emphasis.

The CIT program is currently preparing for accreditation with the Association of Technology, Management, and Applied Engineering (ATMAE). This is a deviation from the previous 2022 assessment report, which focused on accreditation with ABET. Because of the change of direction towards the ATMAE accreditation model, all previous assessment efforts with ABET were halted in early 2024.

The ATMAE assessment plan has been recently started for the CIT program, the assessment does not have enough data to determine if the target scores have been met or not. The next assessment report date will be collected and compared to current provided data. As progress is made, attention should be given as to how the assessment results are being used to improve student learning and drive positive program modifications.

Dean or designee   Date

VPAA Office Review and Feedback (for "Round B" SLO report only)

VPAA or designee   Date