Information Technology B.Tech.
Canino School of Engineering Technology
2018 Assessment Report

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SUNY CANTON

Mission

The Canino School of Engineering Technology (CSOET) at SUNY Canton is committed to providing an educational experience that prepares students for a career in a technologically oriented society. The curricula are focused on providing career skills reviewed by industry partners and accreditation agencies. Our programs provide opportunities for every student to find a suitable starting point for their academic endeavor. Graduates have the ability to work in teams, think critically, utilize the tools of their trade or industry, and communicate effectively.

What was assessed? Student learning outcomes list:

- *PSLO 2 Identify issues and collaborate on solutions concerning IT in an effective and professional manner*
- *ISLO 4 Social Responsibility*
  - *Subset 1 Ethical Reasoning*
  - *Subset 4 Teamwork*

Where were outcomes assessed?

- *CITA 152 Computer Logic (spring and Fall)*
- *CITA 163 Survey of Information Technology (Spring and Fall)*
- *CITA 170 Computer Concepts and Operating Systems (Spring and Fall)*
- *CITA 204 Systems Analysis and Design (Spring)*
- *CITA 460 Information Technology and Networked Economy (Fall)*
- *CITA 480 Internship in Information Technology (spring and Fall)*

How was the assessment accomplished?

- Student work assessed:
  - Quizzes and exams
  - Oral/visual presentations
  - Individual/group projects
- Measurement strategy:
  - Applicable rubrics used for presentations and projects
  - % of questions answered correctly on quizzes and exams
- Sample size:
  - All students who take the designated assessed courses

Assessment results: What have the data told us?

- *Met or exceeded* *except CITA 152 in Fall*

- *The target not met for CITA 152 in Fall:*
  - *Target: 80% of the students will work in teams and participate in the solving of the assigned problems achieving an average of 75% or higher.*
  - *Findings: 80% of students worked in teams. 63.2% of the students have worked in teams and participated in the solving of the assigned problems achieving an average of C or higher.*

Data-driven decisions: How the program has or plans to "close the loop" based on these results.

- Update PSLOs in Taskstream

- Continue to revise the course curriculum to better align with the program's objectives according to the SLO outcomes

- Continue to revise the related courses to better align with the student learning outcomes

- Advise students in the program to seek for additional instructional support when needed, e.g. tutoring.

What resources were used or have been requested to close the loop?

- Need new faculty hires to cover related CITA courses for increased amount of Gaming/Cybersecurity students

- Expect to have enhanced network and lab environment along with the upcoming new Cybersecurity Lab

- Need student worker/intern to monitor and support labs beyond ISA

Attachments: 2018 SLO Findings

ISLO 4 - Assessment Findings Data

Subject	Course	Sections Participating	Total Measures	Outcome	
CITA	163			No Data Entered	
CITA	204	1	2	100% Exceeded	Spring
CITA	204			No Findings Added	Fall
CITA	460			No Data Entered	
CITA	480	1	1	Exceeded	Spring
CITA	480	1	1	Exceeded	Fall
CITA	152	1	1	Met	Spring
CITA	152	1	1	Not Met	Fall
CITA	170	1	1	Exceeded	Spring
CITA	204	1	1	Exceeded	Spring