



Information Technology B.Tech. Canino School of Engineering Technology 2019 Assessment Report

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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:

- *ISLO #5: Industry, Professional, Discipline-Specific Knowledge and Skills.*



Where were outcomes assessed?

- *CITA 204 Systems Analysis and Design (Spring)*
- *CITA 250 Information Security (Spring)*
- *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?

100% Met or Exceeded

- *Renovated Nelvaldine North 128 has provided the instructors greater ability to deliver materials.*
- *Renovated Nevaldine North 124 is scheduled to become available from Spring 2020.*



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?

Used

- Renovated Nevaldine North 128

Requested

- New faculty to cover related CITA courses for increased amount of Gaming/Cybersecurity students
- Student workers/interns to monitor and support labs beyond ISA and longer lab accessibility for the students
- Class Recording Equipment such as wireless microphones
- Dual Monitors in Classrooms



Attachments: 2019 SLO Findings



ISLO 5 - Assessment Findings Data

AACU VALUE Rubric Assessment of ISLO 5 - 2019

Assessment Results - AACU VALUE Rubric for ISLO 5 - PSLO 3						
Subject	Course	Sections Participating	Total Measures	Outcome	Semester	
CITA	204	1	6	100% Met	Spring	
CITA	250	1	1	100% Met	Spring	
CITA	480	1	5	100% Met	Spring	
CITA	480	1	5	100% Met	Fall	
Overall Findings for PSLO						
Total Sections Selected for Assessment				4		
Total Measures Assessed				17		
% Measures Meeting or Exceeding Target (of those assessed)				100%		
Recommendations, Reflections, and Notes:						
Attached Separately.						

