PLO Assessment

Acad Program - Information Systems Technology (AAS)

Information Systems Technology AAS PLO 1

Program Learning Outcome: Upon completion of this program, the student will be able to demonstrate logical steps to solve a problem using critical thinking and creativity with proper documentation.
Outcome Status: Active
Assessment Years: 2024 - 2025, 2023 - 2024

Assessment Method	Assessment Result
Method Status: Active **Assessment Method Category:** Final Exam Grade **Assessment Method:** ITEC 1016 Final Exam **Benchmark:** 70% of the students enrolled in ITEC 1016 will score a 70% or better on the Final Exam.	**Assessment Result Date**: 06/30/2025 **Assessment Result**: 96.67% of students scored a 70 or above on the final exam. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Dabelow - Summer and Fall 2024, Spring 2025 **Analysis**: Improvement was noted from 2023-24 as only 59% of the students met the benchmark last academic year. **How did the previous cycle's improvement plan impact the data above?**: The textbook was updated and only one instructor taught the course throughout the academic year. **Improvement Plan**: We will continue to monitor the course to ensure that students are learning the content and doing well on the assesment.
Method Status: Active **Assessment Method Category:** Final Exam Grade **Assessment Method:** ITEC 1210 Final Exam **Benchmark:** 70% of the students enrolled in ITEC 1210 will score a 70% or better on the Final Exam.	**Assessment Result Date**: 06/30/2025 **Assessment Result**: 92.5% of students scored at least 70% on the assessment. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Kelley **Analysis**: The students had better outcomes this academic year. In the previous year only 50% of the students met the benchmark. **How did the previous cycle's improvement plan impact the data above?**: Mr. Kelley's students performed much better this cycle. The improvement plan was successful. **Improvement Plan**: We will continue to monitor this assessment to ensure students are grasping the knowledge and skills. A review of assessments will be made in the near future.

Information Systems Technology AAS PLO 2

Program Learning Outcome: Upon completion of this program, the student will be able to develop, document, and maintain modern networking and software systems.

Outcome Status: Active
Assessment Years: 2024 - 2025, 2023 - 2024

Assessment Method	Assessment Result
Method Status: Active **Assessment Method Category:** Demonstration **Assessment Method:** Assemble a PC, terminate network cabling, install a Windows operating system on the assembled PC, and install a program on the assembled PC within 45 minutes **Benchmark:** 70% of the students will assemble a PC, terminate network cabling, install a Windows operating system on the assembled PC, and install a program on the assembled PC within 45 minutes with a minimum score of 70.	**Assessment Result Date**: 06/30/2025 **Assessment Result**: 98.67% of students completed the assignment with at least 70% accuracy. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Kelley **Analysis**: Mr. Kelley's students performed well throughout the academic year. Only three students who took the benchmark did not meet it. **How did the previous cycle's improvement plan impact the data above?**: We only monitored the assessment for gaps this year. We did not find any gaps. **Improvement Plan**: This assessment is critical for the students to pass. At this time, it does not need to be improved but we will continue to monitor it.
Method Status: Active **Assessment Method Category:** Standardized Test **Assessment Method:** TestOut PC Pro Certification Exam **Benchmark:** 70% of students will pass the TestOut PC Pro Certification Exam.	**Assessment Result Date**: 06/30/2025 **Assessment Result**: 75.67% of students were successful on the TestOut/CompTIA PC Pro certification exam. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Kelley, B. **Analysis**: Last academic cycle, 64% of students passed the certification exam, so there was improvement this year. **How did the previous cycle's improvement plan impact the data above?**: The improvement plan was implemented and impacted the data in a positive way. **Improvement Plan**: We have implemented new courseware for the next academic cycle.

Information Systems Technology AAS PLO 3

Program Learning Outcome: Upon completion of this program, the student will be able to demonstrate professional conduct and communication in a technology-related field.
Outcome Status: Active
Assessment Years: 2024 - 2025, 2023 - 2024

Assessment Method	Assessment Result
Method Status: Active **Assessment Method Category:** Fieldwork **Assessment Method:** Internship **Benchmark:** 70% of students enrolled in their respective internship for their concentrations (ITEC 2992, 2993, 2994, or 2995) will successfully complete 135 hours of supervised work either virtually or in-person in a concentration-specific position in the local workforce with a score of Very Good or higher on their evaluation by their immediate supervisor. **Notes:** Kelley, B.	**Assessment Result Date**: 06/30/2025 **Assessment Result**: 91% of students successfully completed their internships this academic year. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Kelley, B. **Analysis**: Two students in the course of the academic year did not complete their internship. Otherwise, the students performed well and many received job offers. **How did the previous cycle's improvement plan impact the data above?**: This was a new assessment last cycle, so an improvement plan was not put in place. **Improvement Plan**: The instructor will continue to assist the students in finding internship locations. All students will be encouraged to fully participate as the internship is a required component of their degree program.
Method Status: Active **Assessment Method Category:** Presentation **Assessment Method:** Create and perform a formal ethics presentation in ITEC 2911. **Benchmark:** 70% of students enrolled in ITEC 2911 will receive a passing score of 70% for successfully and appropriately performing a formal presentation on the topic of Ethics in Information Technology. **Notes:** Young, Dabelow	**Assessment Result Date**: 06/30/2025 **Assessment Result**: 90.5% of students were successful in creating and delivering a formal ethics presentation. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Dabelow **Analysis**: Last academic cycle only 63.5% of students successfully delivered a formal ethics presentation. Much improvement was made this year. **How did the previous cycle's improvement plan impact the data above?**: This was a new assessment last academic cycle. **Improvement Plan**: The instructor will review the assessment and assignments leading up to the assessment to determine if students are learning the required material. Obviously, he made changes that had a positive impact on the assessment this academic year.

Information Systems Technology AAS PLO 4

Program Learning Outcome: Upon completion of this program, the student will understand cybersecurity risks and be able to implement solutions.

Outcome Status: Active
Assessment Years: 2024 - 2025, 2023 - 2024

Assessment Method	Assessment Result
Method Status: Active	**Assessment Result Date**: 06/30/2025

Assessment Method	Assessment Result
Assessment Method Category: Demonstration **Assessment Method:** Cybersecurity breach **Benchmark:** 70% of students enrolled in ITEC 2911 will successfully complete an assessment of a cybersecurity breach with a minimum score of 70.	**Assessment Result**: 90.5% of students completed an assessment of a cybersecurity breach with a minimum score of 70. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Dabelow, S. **Analysis**: Students showed a small amount of improvement this academic cycle in this assessment. **How did the previous cycle's improvement plan impact the data above?**: This was a new assessment in the previous cycle as improvement was needed. **Improvement Plan**: The assessment will be reviewed for improvement.
Method Status: Active **Assessment Method Category:** Demonstration **Assessment Method:** Set up and cyber-harden a small office/home office router for internet connectivity. **Benchmark:** 70% of students enrolled in ITEC 1100 will successfully set up and cyber-harden a small office/home office router for internet connectivity using current best practices in cybersecurity with a minimum score of 70.	**Assessment Result Date**: 06/30/2025 **Assessment Result**: 98.67% of students successfully set up and cyber-hardened a small/home office router for internet connectivity. **Reporting Period**: 2024 - 2025 **Result Type**: Benchmark Met **Additional Notes**: Kelley, B. **Analysis**: This assessment was implemented last academic cycle and has good results both cycles. **How did the previous cycle's improvement plan impact the data above?**: The improvement plan was to monitor as students performed well last academic cycle. No other changes were made. **Improvement Plan**: The instructor and Dean will determine if rigor should be added to the assessment.