Business Administration: Computer Information Systems (BBA)

Mission

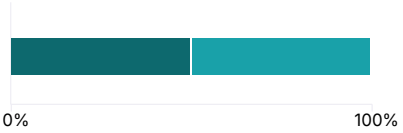
The Computer Information Systems (CIS) concentration is designed to prepare students for a career in business applications of computing technology and provide the proper foundation for professional and/or graduate work in Computer Information Systems.

Academic Year 2024-2025

Business Administration: Computer Information Systems (BBA) Learning Outcomes

PLO 1: Critical Thinking and Reasoning MET

Upon completion, graduates with a bachelor's degree in Business Administration with a concentration in Computer Information Systems will be able to apply computing and technical skills in business settings including programming, networking, database management, and the analysis and design of systems for decision making.

MEASURES	RESULTS	ACTIONS
Comprehensive Exam All CIS courses are aligned with this PLO (CISC 3335, CISC 3340, CISC 3350, CISC 3360, CISC 3392, CISC 4380, CISC 4382, CISC 4385); however, course-embedded activities are not a part of this measure. Direct - Exam (Course) *Management Information Systems: CISC 3335* **Target** To meet this outcome, at least eighty percent (80%) of the graduating seniors and/or senior students of the Computer Information Systems program will score 75% or above on the comprehensive examination developed by the Computer Information Systems Department.	MET Comprehensive Exam Exceeded Met  *Values are not shown when too close to each other. Click or use arrow keys to see details.* Exceeded: 50% Met: 50% Met Total: 100% Not Met Total: **Summary** **Final Results (May 2025)** As of May 2025, for the 2024-2025 Academic year, the two (2) students (100%) who completed the CISC departmental comprehensive exam scored above 70%. The target was met. **Analysis** **Final Analysis (May 2025)** Based on the results, the 2 student (100%) who completed the departmental comprehensive exam scored above 70%. The student's performance indicated some improvement in Access Control and Security Technology such as Intrusion Detection and Prevention Systems concepts. The faculty attribute this achievement to the teaching and discussions of these topics in the Information Systems course which was taught during the 2024-2025 Fall semester. Though the 2 students made some improvement in Access Control and Security Technologies, this was not very satisfactory. The student demonstrated deficiencies in Information Security risk management.	**Other - [Final Action Plan for the Measure (May 2025)]** COMPLETE This measure was met, and collectively, this measure is still suitable to assess this outcome. To ensure that the student's performance in Information Security risk management is enhanced, the following actions were decided among department faculty to be implemented in Fall 2025. 1. During the teaching of the Information Systems Security course, more time will be devoted to the module on Information Security risk management to ensure that students are able to define fundamental terminologies such as risk management, risk identification, risk assessment, and risk control; describe how risk is identified and assessed and assess risk based on probability of occurrence and likely expected impact. 2. The department will still incorporate additional quizzes on Information Security risk management. Furthermore, for every question a student answers incorrectly in these quizzes, students will be required to research their incorrect responses and resubmit the correct response after every quiz/exam. The expectation is that this iterative process should help students better identify their points of weakness with Information Security risk management and have a better understanding of these areas. Recommended Due Date: 05/30/2025

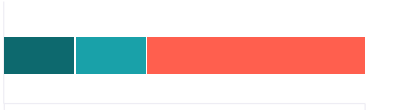
General Outcome Actions

ACTIONS
Other - [Final Action Plan for the Outcome (May 2025)] COMPLETE The department will maintain the current outcome for this assessment period. Recommended Due Date: 05/30/2025

Conclusion

Conclusion
Based on the results for the 2024-2025 academic year, this outcome was met.

PLO 2: Communication NOT MET

MEASURES	RESULTS	ACTIONS
Presentation of Programming Project Presentation (oral / written component) This assessment measure is aligned with the following courses (CISC 3340, and CISC 3392). Direct - Presentation *Problem Solving and Introduction to: CISC 3340* **Target** To meet this outcome, at least 80% of rising juniors, juniors, and rising seniors of the Computer Information Systems program will score 70% or better on an individual hands-on project that is evaluated by the Business faculty based on a standardized rubric.	NOT MET Presentation of Programming Project Exceeded Met Not Met  0% 100% Exceeded: 20% Met: 20% Not Met: 60% Met Total: 40% Not Met Total: 60% **Summary** **Final Results (May 2025)** As of May 2025, for the 2024-2025 Academic year, of the five (5) students who completed a java Application for determining and displaying an employee's pay based on hours worked and rate of pay, two (2) students (40%) scored above 70% while three students (3) scored below 70%. The target was not met. **Analysis** **Final Analysis (May 2025)** Based on the results, two (2) students (40%) who completed a java Application for determining and displaying an employee's pay based on hours worked and rate of pay scored above 70% while three students (3) scored below 70%. The target was not met. Students were evaluated based on the program	**Other - [Final Action Plan for the Measure (May 2025)]** COMPLETE This measure was not met, and collectively, this measure is still suitable to assess this outcome. To ensure that students have a grasp of the content and are able to create interactive java applications which entail the use of frames to generate graphical user interface the following actions were decided among department faculty to be implemented in Fall 2025: 1. Emphasis will be made on creating simple interactive java applications with graphical user interface. 2- Students will be assigned and required to complete multiple java applications prior to the final project. Recommended Due Date: 05/30/2025

	specifications, readability, documentation, code efficiency and assignment Specifications the use of a graphical user interface. A review of the code of the java applications for all students in the class revealed some deficiencies in the area of code efficiency and the use of frames to generate a graphical user interface.	

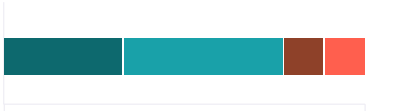
General Outcome Actions

ACTIONS
Other - [Final Action Plan for the Outcome (May 2025)] COMPLETE The department will maintain the current outcome for this assessment period. Recommended Due Date: 05/30/2025

Conclusion

Based on the results, this outcome has not been met for the 2024-2025 academic year

PLO 3:Critical Thinking and Reasoning NOT MET

MEASURES	RESULTS	ACTIONS
Hands-On Technology Project This assessment measure is aligned with the following courses (CISC 3350, CISC 3360, and CISC 4380). Direct - Other **Target** To meet this target, at least eighty percent (80%) of the graduating seniors and/or senior-level students of the Computer Information Systems program will earn a judgment of satisfactory (70%) or greater for the design, development, and presentation of either an application, a database, a local area network or a website for business (e-commerce) that is presented to the Business faculty and assessed based on a standardized rubric.	NOT MET Hands-On Technology Project Exceeded Met Approached Not Met  0% 100% Exceeded: 33% Met: 44% Approached: 11% Not Met: 11% Met Total: 78% Not Met Total: 22% **Summary** **Final Results (May 2024)** As of May 2025, for the 2024-2025 Academic year, of the nine (9) students who completed the website design project (7) students (77.8%) scored above 70% and two (2) students (22.2%) scored below 70%. The target was not met. **Analysis** **Final Analysis (May 2024)**	**Other - [Final Action Plan for the Measure (May 2025)]** COMPLETE This measure was not met, and collectively, this measure is still suitable to assess this outcome. To ensure that all students successfully complete the web design project, the following actions were decided among department faculty to be implemented in Spring 2026: 1. Students will be required to complete the web design project in stages by the midterm of the Spring 2026. Students will be required to make a submission during each stage. This will ensure that students' progress towards the accomplishment of the project is tracked. 2. Faculty will have one-on-one sessions with students and early interventions during the different stages to provide guidance and tutoring as needed. This will ensure that students remain track towards and effectively complete the web design project. Recommended Due Date: 05/30/2025

	Based on the results, of the nine (9) students who completed the website design project in which students were required to create a website for a business, (7) students (77.8%) scored above 70% and two (2) students (22.2%) scored below 70%. The websites of the 7 students who scored above 70% contained dynamic web pages and exhibited and user interactivity. The 2 students who failed did not complete the web design project and therefore did not present any website.	

General Outcome Actions

ACTIONS
Other - [Final Action Plan for the Outcome (May 2025)] COMPLETE The department will maintain the current outcome for this assessment period. Recommended Due Date: 05/30/2025

Conclusion

Conclusion
Based on the results, this outcome was not met for the 2024-2025 academic year.