UTICA UNIVERSITY

Department of Computer Science

Departmental Assessment Findings (2023-2024)

Performance on Student Learning Goals (SLGs):

For SLG-1, the overall performance was 83%. At the introductory level, five-course objectives were set to support this goal, and four of them were met, resulting in an 80% achievement. For SLG-2, the department also met 83% of the targets. At the introductory level, nine-course goals supported this objective, and seven were achieved, with an 84.5% success rate. At the reinforcement level, there were nine-course goals, and eight were met, with an 82.5% success rate. Additionally, five course objectives at the reinforcement level had four successfully met, showing an 87% success rate. For SLG-3, the department achieved an overall success rate of 90%. At the introductory level, three-course objectives support this goal, and all three were met, with an average performance of 88%. At the reinforcement level, there were 11 course objectives, and 10 of them were successfully achieved, with an 87.5% success rate. All five objectives were met at the mastery level, reaching an impressive 97%. ***This reflects the department's steady progress in meeting student learning outcomes across various levels of learning.***

Strengths:

1. **Commitment to Improvement:** The department is progressively raising target Course Outcomes (COs), reflecting our dedication to enhancing student learning outcomes.
2. **Active Learning Focus:** Active learning assignments foster creativity and communication skills, encouraging students to apply theoretical knowledge in practical contexts through problem-solving activities.
3. **Project Work:** Students develop essential project management skills like time management, task management, and conflict resolution through hands-on projects across several courses.

Focus Areas for Enhancement:

1. **Enhancing Coding Proficiency:** We are committed to further developing students' skills in coding, programming concepts, and language syntax to ensure a solid foundation in software development.
2. **Strengthening Practical Application of Techniques:** We aim to bridge the gap between classroom learning and real-world problem-solving by fostering opportunities for students to apply their knowledge in practical, hands-on scenarios.
3. **Adapting to Rapid Technological Advancements:** We are focused on equipping students with the tools and strategies needed to stay current with emerging technologies, research tools, and analytical methods to excel in an ever-evolving industry.