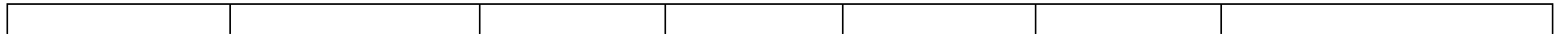8. In MISY 5380, we recorded new interactive instructional videos for all hands-on assignments with Adobe Captivate.
9. In the previous academic year, SAP assignments in MISY 5340 were updated to a new version, and students used SAP Fiori, a browser-based version of SAP that works on both Windows and MAC PCs. Students do not need to install software for this class now compared to the

Table 1. Assessment Results and Analyses for Current Cycle.

STAGE 1: PLAN				STAGE 2: DO		STAGE 3: STUDY
Departmental Student Learning Goal	**Program Student Learning Outcome**	**Assessment**	**Assessment Method/Location**	**Benchmark Expectations**	**Data Results**	**Actions/Goals Based on Data Results*** What do the data tell you? How will you use this data? How were data from the last cycle used to make changes during this cycle, and What were the results of those changes?
LG 1 Comprehend Fundamental Business Processes -Interpret the working of major business processes, such as Sales and Distribution, Materials Management, Production Planning, and Finance and Control.	Integration of the major business processes. Students must learn how to integrate major business processes using SAP as the desired software	ERP Simulation Game The ERP Simulation Game: A Distribution Game to Teach the Value of Integrated Systems.	MISY 5340	90% of the class must complete the game successfully	Fall 2022: In the face-to-face section, 97.7% (86/88) of the students completed the HEC simulation game successfully. In the online sections, 94% (134/142) of the students completed the game successfully. Spring 2023: In the face-to-face section, 94% (100/106)	

					successfully. In the online sections, 91.9% (218/237) of the students completed the game successfully.	

LG 2 Demonstrate Competency with Enterprise Systems - The graduates of the MS program in MIS will have the marketable skills of having hands

LG 3 Enhance

SAP assignments.

2023 Spring: In MISY 5370, in the face-to-face section, 57 out of 65, which means 87.7% of students received a minimum of 95% or better than the class average in the SAP assignments. In the online section, 82 out of 101, which means 81.2% of students received a minimum of 95% or better

						instructions were also updated accordingly. 16. In MISY 5360, a new assignment based on Optimization using MS Excel Solver was added to the course.

Table 2. Continuous Improvement Results Since Last Report

Stage 4: ACT

LG2: Develop hands-on skills in SAP	C	We made many changes from the last cycle which is reflected in the better score of this cycle. The following changes were made: In the previous academic year, SAP assignments in MISY 5340 were updated to a new version, and students used SAP Fiori, a browser-based version of SAP that works on both Windows and MAC PCs. Students do not need to install software for this class now compared to the previous installation requirement.
LG3: Develop skills in data analytics	C	

			fo s den s. P ayback izzes e e e bedded in a e ideo ec es fo a in o de o inc ease s den ea ning. SAP GUI, SAP siness Ob ec s and Ec i se e e da ed o e os ecen e sion. S of a e ins a a ion ins c ions e e a so da ed acco ding y. A ne assign en based on O i iza ion sing MS Exce So e as added o e co se.
LG4: Apply technology-based solutions to solve business problems.	P		Since software and technologies change with time, we have made the following changes to keep up with the changing field of study. 1. Updated all software versions. Opted for the latest version of SAP S4HANA. 2. MISY 5315 - an elective non-SAP course 3. Added 3 weeks of quantum computing using IBM Quantum Experience and Python Library Qiskit 4. Used qiskit.org and ibm.com/quantum for materials 5. Created 4 programming assignments that run on a quantum simulator and IBM Quantum cloud 6. Created quizzes and test questions on quantum computing 7. In MISY 5350 - an SAP-enabled Core Course we updated the textbook to the current version to reflect current trends in ERP E-commerce 8. Updated quizzes and test banks 9. We introduced Oracle Academy to our database class, MISY 5300