Closing the Loop Activities

Spring 2013

Grouping	Program SLO	Assessment Results	Response	Action Plan	Time Frame	Resources Requested	Expected outcomes
Architectural Technology							
Automotive Technology							
	2. Apply operational knowledge to the diagnosis of faults in various automotive and light duty truck systems. 10. Maintain, diagnose and repair automotive and light duty truck heating ventilation and air conditioning systems.	20% exceeded, 60% meeting, 10% approaching and 10% not meeting.	Overall, 80% of the students either met or exceeded the SLO criteria. A detailed item analysis indicated that a significant number of students had difficult with the test items related to diagnosis of refrigeration system performance. To improve the performance, additional diagnostic exercises will be completed in class and on Vancko Hall.	Develop and implement a series of additional diagnostic scenarios as learning activities to be completed either during class/lab and on Vanko Hall.	Implement spring 2014 semester.	None	Increasing the number of students that meet and exceed the performance standards.
	6. Maintain, diagnose and repair all gasoline engine fuel system components, emission control devices and engine performance systems on various automobiles and light trucks.	25% exceeded, 60% meeting, 15% approaching and 0% not meeting.	A high percentage of students had difficulty with items related to general engine performance diagnosis. i.e. mechanical engine checks such as vacuum, compression and cylinder leakage and coming to a diagnostic conclusion based on test results.	Incorporate more learning activities in the Engine Performance I class that focuses on interpretation and diagnosis based on compression, vacuum and cylinder leakage tests.	Implement spring of 2014 - spring of 2015		Decrease the number of students that have difficulty interpreting and diagnosis of engine mechanical problems based on vacuum, compression and cylinder leakage test results.
	2. Apply operational knowledge to the diagnosis of faults in various automotive and light duty truck systems. 6. Maintain, diagnose and repair all gasoline engine fuel system components, emission control devices and engine performance systems on various automobiles and light trucks.	25% exceeding, 60% meeting, 15% approaching and 0% not meeting.	A significant number of students had difficulty with the part of the assessment that required application of basic mechanical tests to the diagnosis of engine performance problems.	Increase the number of formative activities that require students to apply compression, leakage and vacuum test results to determine the root cause of engine performance concerns.	Implement spring of 2014, re-assess in the spring of 2015		Increase the number of students that can successfully apply compression, vacuum and leakage tests to the diagnosis of engine performance problems.
Carpentry and Building Trades							
Computer-Aided Drafting and Design							
Construction Technology							

	101: Orientation/Careers			Action Item requested by Industry Advisory Board: Internship Info Emailed to Freshman AAS Class during Freshman Orientation (AECT 100): Rationale: Get students interested in internships as early as possible. Freshmen can use this information to help get construction jobs each summer before a formal internship. Action was completed in AECT 100 in the Fall 2012 semester.	Action is completed. (Fall 2012)		
	Demonstrate knowledge of the methods and materials of Commercial & Heavy Construction, as well as construction project planning, construction site record keeping, and safety.		Approved by Curriclum Committee in Fall 2012.	The Industry Advisory Board (IAB) recommended at the October 2011 meeting that more Heavy/Civil construction be included in the curriculum. The IAB includes members from the Heavy/Civil Industry, and they have been very supportive of the Construction Technology/Management CT/CM Program. The CT/CM also has a long association with the MOLES. The MOLES is an organization of individuals engaged in Heavy Construction. Each year the MOLES give awards and scholarships to SUNY Delhi CT/CM students. It is felt that having the "Heavy/Civil" term in a course description is essential to document how the CT/CM Program offers a "broad-range" construction curriculum.	Fall 2012		
Electrical Construction and Instrumentation							
	Demonstrate the ability to safely use common test equipment.	84.8% of students meeting or exceeding the standard.	Electrical faculty conclude that measures and criteria are valid.	Electrical faculty do not feel that any change is needed at this time.	Electrical faculty do not feel that any change is needed at this time.	No resources being requested at this time.	Electrical faculty do not feel that any change is needed at this time.
	Calculate power transmission systems (transformers, single and three phase).	23% Exceeding standard 51% Meeting standard 74% total	74% meeting or exceeding the standard is below the 75% that is the goal for this SLO.	More lecture time will be spent on transformer theory and calculations, along with extra study sessions for calculations.	Spring 2014 semester.	No resources requested at this time.	Spending more in class and out of class time focused on transformer calculations should increase the percentage of students that meet or exceed the standard.

	Design, plan, install, and maintain residential electrical equipment in accordance with the standards required by the National Electrical Code.	84.8% students meeting or exceeding standard.	The electrical faculty conclude that the assessment measures and criteria are valid	The electrical faculty do not feel that changes are needed at this time	The electrical faculty do not feel that changes are needed at this time	No resources are requested at this time	The electrical faculty do not feel that changes are needed at this time
	Demonstrate knowledge of the characteristics and applications of alternating-current theory from the point of production throughout its distribution and use in single-phase and three-phase systems.	92% of students meeting or exceeding standard	The Electrical faculty conclude that the assessment measures and criteria are valid.	The Electrical faculty do not feel that changes are necessary at this time.	The Electrical faculty do not feel that changes are necessary at this time.	No resources being requested at this time.	The electrical faculty do not feel changes are needed at this time.
	Demonstrate the ability to plan install, and maintain residential and commercial electrical systems.	86.84% of students meeting or exceeding standards	The electrical faculty conclude that the measures and criteria are valid.	The electrical faculty do not feel that changes are needed at this time.	The electrical faculty do not feel that changes are needed at this time.	No resources requested at this time.	The electrical faculty do not feel any changes are needed at this time
	SLO 7: Design and draw wiring and schematic diagrams	93.1% of students meeting or exceeding the standard.	The electrical faculty conclude that the measures and criteria are valid.	The electrical faculty do not feel that any change is needed at this time.	The electrical faculty do not feel that any change is needed at this time	No resources are being requested at this time.	The electrical faculty do not feel that any change is needed at this time.
	7,12,13,15,16,18,19	SLO 7 = 62.5% Exceeding the standard, 25% Meeting the standard (87.5%) SLO 12 = 82% Exceeding the standard 18% Meeting the standard (100%) SLO 13 = 19% Exceeding the standard 61% Meeting the standard (80%) SLO 15 = 35% Exceeding the standard 45% Meeting the standard (80%) SLO 16 = 26% Exceeding the standard 52% Meeting the standard (78%) SLO 18 = 41% Exceeding the standard 45% Meeting the standard (86%) SLO 19 = 19% Exceeding the standard 61% Meeting the standard (80%)	Electrical faculty conclude that measures and criteria are valid.	Electrical faculty do not feel that any change is needed at this time.	Electrical faculty do not feel that any change is needed at this time.	No resources requested at this time.	Electrical faculty conclude that measures and criteria are valid.
	Write sequences of operation for control systems.	93.1% of students meeting or exceeding the standard.	Electrical faculty conclude that measures and criteria are vaild.	Electrical faculty feel that no change is needed at this time.	Electrical faculty feel that no change is needed at this time.	No resources are requested at this time.	Electrical faculty feel that no change is needed at this time.
	Demonstrate workmanship in electrical installations consistent with accepted industry practices.	87.65% of students are meeting or exceeding the standard.	Electrical faculty conclude that measures and criteria are valid.	The electrical faculty feel that no change is needed at this time.	The electrical faculty feel that no change is needed at this time.	No resources are requested at this time.	The electrical faculty feel that no change is needed at this time
Golf & Plant Sciences							

	1 Demonstrate basic knowledge of botany.	We now have 2 semesters of data for this SLO, HORT 120 in the fall and BIOL 210 for the Spring.	80% of the students met or exceeded the standard in both semesters. The criteria remains valid.	No immediate plans to change.			
	Understand and apply the basic principles and terminology used in the care, pruning, growth, propagation, growing media, soil amendments, and fertilization of plants.	Students demonstrated improvement in SLO 2 in Spring classes (HORT 160, 165) compared to the same SLO (same cohort) as in the Fall (HORT 120, 125). However, these were different classes with different instructors.	Need to compare the data generated in the upcoming semester (Fall 2013) with the same class in the previous year (Fall 2012), rather than different classes in different semesters (HORT 120,130 vs HORT 160, 165).	Goal met - no action needed		None	Compare Fall 2012 to Fall 2013 data -compare data from same instructors in same class.
	Identification & terminology of trees & shrubs	Progress is evident from 1st semester to second semester student success. Third semester students falter again in their success rates.		Increase reveiw/study sessions with 1st semester students	Through the Fall 2013 semester	Funding for student assistant/ISA time to conduct review sessions.	Review data at conclusion of the Fall 2013 semester.
	Basic surveying.	We have only one semester of results to date.	53% of the students meet or exceed the standard for this initial summary of results.	Use data to improve the percent of students meeting or exceeding the standard by 10 to 15%. In two years improve these percentages to the 80% to meet our departments criteria.	As determined above in the Action Plan the target to achieve 80% or greater of students meeting or exceeding standards within two years, if not sooner.		
	SLO #5: Knowledge of Equipment	HORT 150 is the only assessment for SLO #5 for Spring 2013, so aggregation in not possible.	We achieved our targets of 80% or greater meeting or exceeding. Criteria remains valid.	No immediate plans to change.			
	Understanding of Soils #6	Data from 3 courses have been collected for this SLO. The classes are HORT 160, HORT 220, and TURF 240.	Greater than 80% of the students have met or exceeded the standard in each of these classes.	No action needed.			
HVAC							
Natural Resource Recreation and Sports							
Welding Technology							
	Work with all types of welding equipment according to prescribed safety standards.	WELD 155/165 91% Exceeded, 9% Meeting, 0% Approaching, 0% Not Meeting	Safety is very important in the welding field. The whole class exceeded or met the outcome. Students get multiple quiz/tests throughout the semester.	None needed at this time.			The students should all exceed or meet the SLO.

	Work with all types of welding equipment according to prescribed safety standards.	WELD 155 28% Exceeding, 31% Meeting, 26% Approaching, 0% Not Meeting WELD 165 28% Exceeding, 26% Meeting, 31% Approaching, 15% Not Meeting WELD 275 67% Exceeding, 33% Meeting, 0% Approaching, 0% Not Meeting	The targeted outcome was a little less than expected. On average 29% were approaching, and 7.5% did not meet.	We took a look at the lab sheet and found that some did not complete the intended projects. We want to modify it in stages so each student will have time for each process.	Spring 2014		I would like to see the students meet or exceed the SLO.
	Qualify for certification by the American Welding Society, N.Y.S. Dept. of Transportation, and A.S.M.E. codes through knowledge of all-position welding of ferrous and non-ferrous metals using all major processes.	WELD 265 55% Exceeded, 40% Meeting, 5% Approaching, 0% Not Meeting WELD 295 45% Exceeded, 46% Meeting, 9% Approaching, 0% Not Meeting WELD 170 39% Exceeded, 45% Meeting, 16% Approaching, 0% Not Meeting	The weld test results have remained similar within the last two years. Majority met or exceed the expected outcome.	None needed at this time.			Results at or above the average.
	Read, construct, and correctly interpret both basic and advanced welding fabrication blueprints,including welding symbols, weld testing symbols, structural steel shapes and welding specifications.	WELD275 73% exceeding, 27% meeting, 0% approaching, 0% not meeting WELD 145 54% exceeding, 23% meeting, 8% approaching, 15% not meeting WELD 191 55% exceeding, 44% meeting, 1% approaching, 0% not meeting					
Accounting							
Business & Technology Management							
Business							

Administration - AAS							
Business and Professional Golf Management							
Computer Information Systems							
	Distinguish and apply the terminology and concepts associated with computer systems hardware and software.	Assessment results show that 60% of students have met or exceeded the standard	Additional stress needs to be put on the definition of computer terms in relation to how a computer is used, how the computer uses its components, and how a program uses the components.	Place additional stress on the definition of computer terms in relation to how a computer is used, how the computer uses its components, and how a program uses the components.	Start Spring 2013		Hope to improve the terminology knowledge of students
	Demonstrate problem solving skills using a programming language through writing, testing, and debugging programs.	Assessment results showed that students met the 70% benchmark for this standard, however it is essential that in order for students to fully understand they must have time in a computer room	The students who did not meet this standard did not turn in their work	Schedule the course in a computer room	Start with Spring 2013		Students will continue to meet this standard and improve on their knowledge by actually gaining hands on experience on the computer
	Examine data communications concepts, terminology, hardware, and software.	Assessment results show that students met or exceeded the 70% benchmark for this standard	New assignments and grading procedures were used based on previous assessments of the specific outcomes which has helped to improve the results	Continue with the new assignments and grading procedures	Continue with Spring 2013		Expect that outcomes will remain consistent with current results
Hospitality Management Associates							
Culinary Arts AAS							
Hotel and Resort Management AAS							
Hospitality Management BBA							
Hotel & Resort Management							
Criminal Justice							
		We determined they are accurate and reflect the goals of our CJ program. We then reviewed the courses aligned to the SLO's and added 5 courses to the Fall 2013, Spring 2014, and Fall 2014.					
	Demonstrate a solid foundation of liberal arts knowledge.						

Environmental Studies							
	Students will be able to: 1. Explain environmental problems and their solutions, and 2. Describe the sustainability underpinnings of environmental problems.	By graduation, 91% of students could explain environmental problems and solutions, as well as explain the sustainability underpinnings of those problems (i.e. 91% met or exceeded the expectation).	None required.	Continue with current practices.	Ongoing.	None.	Continued high success rate.