

Assessment, Improvement, Measurement (AIM): 09/20/2013

Plan Year: 2012-2013

Unit: Industrial Maintenance

Coordinator(s): Jarvis Long, Karman Wheeler, Paul Turner, William Cheser

Reviewer: Paul Turner

Program Health Review: Use the Annual Program Health Review to evaluate student achievement and, if warranted based upon analysis of the results, make program changes to improve student achievement. Identify expected student learning outcomes, assess the extent to which these outcomes are achieved, and provide evidence of improvement based on analysis of the results.

Measure Text: PROGRAM HEALTH REVIEW - LEVEL 1 1. Program Health Review - Refer to the attached Annual Program Summary for longitudinal information related to enrollment, graduates, employment, employer and alumni satisfaction, and licensure pass rates. 2. Student Learning outcomes Three student learning outcomes – Plan an assessment for each outcome identified, and assess the extent to which these outcomes are achieved, and provide evidence of improvement based on analysis of the results.

Achievement Target: Program Health Review Target - Maintain a level 1 assessment with comments from program coordinator, assistant dean, dean and vice president according to attached time schedule. Student Learning Outcome Target - Student learning outcomes are identified, assessed on level of achievement, and evidence of improvement are provided based on analysis of the results according to the attached time schedule.

Results: Program Coordinator:

1. Strengths of the Program – The IMT program continues to have highly experienced, cross-trained instructors who are able to provide instruction in other division programs. This means greater flexibility in meeting student needs. Student evaluations remain high. However, the Industrial Maintenance Technology program is most proud of the fact that our students continue to experience a very high success rate of success in finding career employment upon graduation.

2. Items Requiring Continued Attention - Student enrollment at the Danville campus continues to grow, and lack of floor space there continues to be a major issue. Quoting from our 2011-2012 Program Health Review, "...Danville has only one dedicated lab/classroom for IMT. This one room has to store all the lab equipment for three different technical classes. ...has to be rearranged seven times a week to accommodate these different classes. ...the Electrical Technology program students also utilize this lab equipment and classroom. Due to space limitations (within this room itself), the class cap has been set at 12 students." This situation in Danville has not changed during the past year, and it continues to be a major concern for the IMT program.

3. Document and provide evidence indicating how last year's program review resulted in improvements in the program/department. The Danville Campus has continued (successfully) to offer night classes to accommodate more students. While this has brought some relief to the floor space/overcrowding issue, it has done little toward actually solving the problem. At Leestown, we expanded our summer class offerings from one in 2011 to two classes during 2012 Summer Session. This has been strongly supported by the student body; consequently, plans call for offering IMT 150/151 and FPX 100/101 again during the 2013 Summer Session.

AD Comments: The Industrial Maintenance Technology program has high scores for Student Satisfaction (100%), Employer Satisfaction for technical classes/proficiency (100%), and Employer Satisfaction for General Education courses (100%) for this reporting period. . The reported Job placement figures are down from 100% in the 2009 2010 school year but show an increase from 50% for the 2010 2011 school year to 80% for the 2011 2012 school year. The economy was sluggish during the last two years but manufacturing in the Bluegrass Region shows signs of rebounding and it is hoped will return to normal figures for the area. The placement rate will be monitored for the coming year and reevaluated at that time. The Industrial Maintenance Technology program continues to have strong enrollment and a high number of credentials issued for the reporting period. According to the KCTCS 2010 2011 Fact Book the program issued 184 credentials which included associate degrees, diplomas, and certificates. This was up from 179 for the preceding reporting period. This number accounts for 4.98% of all credentials issued at Bluegrass Community and Technical College for the reporting period. Please see below.

http://www.kctcs.edu/~media/System_Office/About/Factbook%2012/1_Factbook_11-12_WEB_2.ashx Prior to 2009 2010 school year student Retention scores have been above 50% for the Industrial Maintenance Technology program. Beginning in 2009 2010 a large number of WIA, WIB, and TIA students returned to school as the economy forced many companies in the area to lay off workers. This may have contributed to a larger number of workers with needs for transitional/remedial courses which adversely affected the retention rates. According to data available from the BCTC Retention Committee individuals with low Reading, Writing, and Mathematics scores have higher dropout rates historically. The retention scores for the Industrial Maintenance Technology program for the 2011 2012 reporting period were 100%. The figures will be monitored in the coming reporting period.

Dean Comments: Excellent, in demand program. I concur with statements of the Assistant Dean and the Coordinator.

VP Comments:

Target Results:

Findings:
