

Assessment, Improvement, Measurement (AIM): 04/09/2013

Plan Year: 2011-2012

Unit: Welding

Coordinator(s): Karman Wheeler, Bobby Coffey, William Franklin

Reviewer: William Franklin

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.

Results: Program Coordinator:

1. Strengths of the Program -

A. Support of the welding industry located in this geographical area who employ our students at BCTC.

B. Global awareness through national and state certifications: American Welding Society - certified as a testing facility; Nationally Certified Welding institution; Commonwealth of Kentucky and American Welding society certification as a certified testing laboratory; Testing facility for American Society for Mechanical Engineers, Regional and Local Skills USA facilitator and host; and as part of KCTCS, certified by the Commonwealth of KY as a Welding Educational institution.

C. Welding students are employed globally (Vietnam, Japan, Egypt, Venezuela, Germany, Bosnia, and Korea).

D. Placement - Placement rate is approximately 95%.

E. Collaboration, partnership (we serve as a demonstration facility to Lincoln Electric) with industry and strong support from our program advisory which has resulted in upgrades to our welding equipment.

F. Advisory Committee - 12 members strong providing jobs, and various welding materials (aluminum, stainless steel, brass and carbon steel)

2. Items Requiring Continued Attention:

A. The welding program has a two year waitlist (as compared to a 12 month waiting list in 2010-2011).

B. Placement numbers reported by IR need to be investigated to resolve discrepancies resulting from non program members receiving welding credentials, and job placement information from alumni surveys.

3. Document and provide evidence indicating how last year's program review resulted in improvements in the program/department.

A. Currently investigating selective admissions.

AD Comments: Both the Danville and Lexington programs maintain good enrollment, a long waitlist, and good industry support. Both faculty maintain industry recognized certifications and serve as an industry testing center. Through collaboration with Lincoln, we are able to keep some up to date technology in the program while allowing the company to show other customers how the equipment can be used. This also helps showcase the students that usually end up showing the use of the equipment. The employer can see the equipment and someone already trained on it they can employ. The Lexington faculty person has indicated that he will retire at the end of the semester and it will be very important to replace him with someone that can help build and maintain the program. This too is another of the technical programs that could expand to a second faculty person with no increase in the lab space. It would however increase the supply budget.

Dean Comments: Strong demand for this program that is taught at Leestown and Danville campuses.. Evaluating how to provide more space and increase enrollment numbers. Excellent faculty who is actively involved with the welding community outside of the college. Large active advisory committee.

VP Comments: The faculty have strong programs on both campuses and are acknowledged industry experts. We need to find creative scheduling ways to increase access.

Target Results:

Findings:
