Iowa Advanced Manufacturing Consortium
Curriculum Review Rubric

Signature Program: Welding

College: Hawkeye Community College

Reviewer Name: Douglas M. Rupik

Reviewer Signature:

Date: 2/23/16

Review Definitions & Instructions

Exceptional: Review component is a "best practice" and represents a model for replication.

Effective: Review component is complete and effective.

Opportunity to Improve: Review component is not complete and/or could be improved.

N/A: Review component not reflected or addressed in material.

Comments and Recommendations: Remarks should be reflective of the subjects covered in that section. If any review component is marked as an opportunity for improvement, a comment or recommendation must be provided in reference to the rating.

- Program Introduction & Overview - Program Pathway - Curriculum Map	Exceptional	Effective	Opportunity to Improve	N/A	Comments & Recommendations
1. Priority 1: Develop stacked and latticed pathway in signature program providing a clear and logical path to completion	X				Non-credit to credit courses and certificates that stack in multiple ways, with multiple exit points into industry employment.
2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications	X				Program pathway indicates multiple points students may enter workforce. Syllabi reflect alignment with industry certification standards. Students may certify at partner college.
3. Priority 1, Strategy 1: Instructors certified per industry standards	X				All three credit instructors are American Welding Society (AWS) certified welders and Certified Welding Inspectors (CWI). One instructor is certified to operate robotic welders.
4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum		X			NCRC testing has been made available to students.
5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming		X			Articulation of non-credit to credit is in development process. Non-credit classes use some course work from credit classes.
6. Priority 2, Strategy 4: UofI online BAS incorporated into program pathway				X	HCC does not offer AAS degree or pathway to BAS at this time. Recommend development of pathway.

- Course Information: Syllabi & Instructional Materials	Exceptional	Effective	Opportunity to Improve	N/A	Comments & Recommendations
1. Priority 1, Strategy 1: Course competencies are aligned to relevant industry certifications	X				Welding course competencies include skills tests to AWS certification standards. Students may attain certification at Kirkwood Community College.
2. Priority 1, Strategy 1: Instructional materials are reflect current industry standards	X				Materials used are a number of current textbooks, handouts, library materials, and a robotic welder purchased via grant funding.

		Exceptional	Effective	Opportunity to Improve	N/A	Comments & Recommendations
3.	Priority 2, Strategy 5: Online and blended delivery options for courses as appropriate		X			Online tutorials available to assist student learning.
4.	Priority 2, Strategy 5: Incorporate simulators and state-of-the-art technology into curriculum	X				Robotic welder purchased. WEL 710 course instructs students in operation. One instructor is robotic welder certified.
5.	Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training		X			Online tutorials available to assist student learning.

- Statement of Grant Impact	Exceptional	Effective	Opportunity to Improve	N/A	Comments & Recommendations
1. Priority 1, Strategy 3: Evidence of strengthened credit for prior learning options within program	X				Process has been created to articulate prior learning and military transcripts into credit programs.
2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum	X				Students are required to complete online Learning Management System (LMS) orientation.
3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning	X				Virtual welders are utilized for contextual learning. Retention specialist has been hired to assist in remediation and student retention.
4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program	X				Lab assistant and retention specialist hired to assist students academically
5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components	X				Employers attended advisory board meetings, students are hired by business supporters. Syllabi reference industry standards such as AWS, American Petroleum Institute, and American Society of Mechanical Engineers welding codes.