



Iowa Advanced Manufacturing Consortium Curriculum Review Rubric

Signature Program: Welding

College: Eastern Iowa Community Colleges

Reviewer Name: Doug Rupik

Reviewer Signature:

Date: 2/21/2016

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.

<ul style="list-style-type: none"> - 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				Courses are latticed and certificates are stacked to allow multiple pathways to completion. Certificates are stackable to AAS and BAS degrees.
2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications	X				Course objectives include competencies that are equal to industry certifications. Facilities are American Welding Society (AWS) Accredited Testing Facilities (ATF), with an AWS Certified Welding Instructor (CWI) contracted to administer testing for welding certification.
3. Priority 1, Strategy 1: Instructors certified per industry standards		X			Department chair has Journeyman status, one instructor is a journeyman with AWS welder certification, one instructor is a journeyman with AWS Certified Associate Welding Inspector/Certified Welding Educator status with CWI pending, and three remaining instructors have industry experience. Recommend all instructors attain AWS welding certifications in the welding processes they teach, and CWI if possible.
4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum		X			NCRC is available to all students free of charge, and all students are encouraged to test
5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming	X				Non-credit and credit courses have identical curriculum and outcomes. Non-credit courses can be converted to credit for a fee.
6. Priority 2, Strategy 4: Uofl online BAS incorporated into program pathway	X				Program certificates are stackable to an AAS degree, which can be applied to BAS.

- 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				Syllabi list course objectives that align with equivalent industry certification tests. Facilities are AWS ATF, allowing students to take AWS weld certification tests.
2. Priority 1, Strategy 1: Instructional materials are reflect current industry standards	X				Program utilizes AWS Sense-aligned Hobart School of Welding curriculum.
3. Priority 2, Strategy 5: Online and blended delivery options for courses as appropriate		X			Students study computer-assisted education course materials under the supervision of an instructor. College is investigating online delivery of OSHA 10 safety certification as a requirement for students.
4. Priority 2, Strategy 5: Incorporate simulators and state-of-the-art technology into curriculum	X				EICC has purchased two “realweld” weld tracking systems. This allows on-screen real time feedback of student weld performance via computer.
5. Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training		X			Students study AWS/Sense Hobart curriculum online under the supervision of an instructor before practicing hands-on skills in the lab.

- 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		College administration in the process of updating CPL policies and procedures. Recommend completion and implementation ASAP
2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum		X			Program has incorporated Hobart computer-assisted education curriculum. Microsoft Digital literacy curriculum is being promoted by the orientation advisors.



3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning	X				Improvement of curriculum, delivery and equipment, production of math and study skills tutorial videos. “Realweld” technology and hands-on lab experience add context to theoretical class instruction. Recommend class field trips to industry sites.
4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program	X				Career navigator added to advise students and assist them in educational planning. Recommend navigator assist in job placement if not already implemented.
5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components	X				John Deere and ALCOA are named as significant industry partners. Advisory committee meets semiannually to offer input and review program.

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