



Iowa Advanced Manufacturing Consortium Curriculum Review Rubric

Signature Program: Welding Technology

College: South Western Community College

Reviewer Name: Douglas M. Rupik

Reviewer Signature: 

Date: 3/26/16

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				Pathway is clearly stacked with logical path from certificate, diploma, and A.A.S. Program is latticed with exits to employment at each completion point, and entry into program after completion of non-credit program.
2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications	X				Program outcomes include ability to successfully complete welder qualification test to American Welding Society (AWS) and American Society of Mechanical Engineers (ASME) standards.
3. Priority 1, Strategy 1: Instructors certified per industry standards	X				Program chair is AWS Certified Welding Inspector and Certified Welding Educator (CWI/CWE). Recommend each instructor teaching welding attain these credentials.
4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum		X			NCRC has been embedded into program.
5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming	X				Non-credit program has been developed that seamlessly rolls into credit program.
6. Priority 2, Strategy 4: UofI online BAS incorporated into program pathway		X			Students have the opportunity to pursue online BAS after completing AAS.

- 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 indicate course competencies include ability to successfully complete welder certification test to ASME and AWS D1.1 Structural Steel welding code.
2. Priority 1, Strategy 1: Instructional materials are reflect current industry standards	X				Program uses a variety of subject-specific texts, AWS SENSE materials, and relevant DVD's and online videos that reflect current industry standards.
3. Priority 2, Strategy 5: Online and blended delivery options for courses as appropriate	X				Program is a mix of lecture, online learning, and hands-on lab work.

4. Priority 2, Strategy 5: Incorporate simulators and state-of-the-art technology into curriculum	X				Program uses two welding simulators for weld demonstrations and recruiting.
5. Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training	X				Program is a mix of lecture, online learning, and hands-on lab work.

- 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				Procedure has been developed to award credit for prior learning (CPL). Students with work experience may now be awarded college credits.
2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum	X				Three credit computer literacy course is included in the curriculum. Various online and blended learning activities have been infused into program.
3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning	X				Students in need of remediation are provided individualized learning opportunities via the Student Success Center. Contextualized learning is realized via internship and job shadowing opportunities with local employers.
4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program	X				Program has incorporated intensive advising. Students meet with advisors upon enrollment and Compass testing. Instructors serve as advisors, and utilize Early Alert System to notify Student Success Coordinator of struggling students. Coordinator works with students to resolve issues.
5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components	X				Employers serve on advisory committee, provide materials and support, and offer job shadowing and internship opportunities for students.



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