



Iowa Advanced Manufacturing Consortium Curriculum Review Rubric

Signature Program: Welding

College: Iowa Central Community College

Reviewer Name: Douglas M Rupik

Reviewer Signature: 

Date: 3/3/16

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.



<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				Non-credit certificate stackable to credit certificate and diploma. Latticed pathways allow multiple points from employment into program, and from program to employment.
2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications	X				American Welding Society (AWS) certifications are being incorporated as optional for students in diploma program.
3. Priority 1, Strategy 1: Instructors certified per industry standards	X				One instructor is an AWS Certified Welding Inspector (CWI) and Certified Welding Educator (CWE), and was named AWS District Instructor of the Year. A second instructor is an AWS CWE. Recommend all instructors attain the AWS CWI credential, which is highly respected in the industry.
4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum	X				Non-credit students are required to take a bridge class to prepare them for the NCRC.
5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming	X				Syllabi indicate non-credit course outcomes align to credit course outcomes.
6. Priority 2, Strategy 4: Uofl online BAS incorporated into program pathway	X				Stackable credentials enable students to complete welding diploma and continue on to AAS in Industrial Business and a BAS.

<ul style="list-style-type: none"> - 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 for credit courses indicate competencies meet AWS D1.1 Structural Steel welding code standards.
2. Priority 1, Strategy 1: Instructional materials are reflect current industry standards		X			Program utilizes a variety of current edition textbooks. Lab equipment includes tools and equipment common in industry.



3. Priority 2, Strategy 5: Online and blended delivery options for courses as appropriate	X				Students in “bridge” class from non-credit to credit receive Career 101 accounts and do 25 hours of in-class training with instructor.
4. Priority 2, Strategy 5: Incorporate simulators and state-of-the-art technology into curriculum	X				Program has incorporated a Lincoln virtual reality welding simulator.
5. Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training				X	Online instruction seems to be limited to Career 101 and business classes. Recommend investigation of feasibility of online instruction for welding theory to supplement hands-on training.

- 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		Focus has been in establishing the pathway between non-credit certificates and credit certificates. Recommend development of means to grant credit for prior learning gained in industry.
2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum	X				Non-credit students are required to attend a “bridge” class that incorporates digital literacy.
3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning	X				Incoming students are encouraged to take advantage of ESL program that incorporates industry vocabulary.
4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program	X				Students are accepted into program based on readiness. Students meet weekly with case manager. Students in non-credit program are encouraged to continue to credit certificate, diploma, AAS, and potentially, BAS
5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components	X				Advisory committee have had input in choosing classes they considered critical for entry-level jobs. ICCC and Tyson are set to collaborate on a training program starting summer of 2016.



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