



## Iowa Advanced Manufacturing Consortium Curriculum Review Rubric

**Signature Program:** CNC Machining

**College:** Eastern Iowa Community College

**Reviewer Name:** Michael White

**Reviewer Signature:** *Michael J White*

**Date:** 3/20/2016

### 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"> <li>- Program Introduction &amp; Overview</li> <li>- Program Pathway</li> <li>- Curriculum Map</li> </ul>	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				Clearly defined logical pathway beginning with a NC certificate and moving to AAS degree with multiple exit points to employment.
2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications		X			Students are encouraged to pursue NIMS Measurement, Materials and Safety certification.
3. Priority 1, Strategy 1: Instructors certified per industry standards		X			<p>Three instructors have journeyman's cards. One instructor has obtained NIMS Measurement certification.</p> <p>Recommend that at least some of the instructors complete NIMS Measurement, Materials and Safety certification.</p>
4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum			X		NCRC is free and available to all students. Students are encouraged to participate in NCRC credentialing process but NCRC could be made a requirement to enter the program.
5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming		X			Credit and Non-Credit programs are the same. Students pay a fee to go from non-credit to credit.
6. Priority 2, Strategy 4: Uofl online BAS incorporated into program pathway		X			A career navigator is utilized to promote all available transfer options and to inform students when U of I BAS representatives are visiting the campus.

<ul style="list-style-type: none"> <li>- Course Information: Syllabi &amp; Instructional Materials</li> </ul>	Exceptional	Effective	Opportunity to Improve	N/A	Comments & Recommendations
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1. Priority 1, Strategy 1: Course competencies are aligned to relevant industry certifications		X			Course competencies align with the knowledge and skills required for NIMS, Measurement, Materials and Safety credential.
2. Priority 1, Strategy 1: Instructional materials are reflect current industry standards	X				Courses align well with current industry requirements and standards.
3. Priority 2, Strategy 5: Online and blended delivery options for courses as appropriate		X			Online content and virtual simulators incorporated into the curriculum.
4. Priority 2, Strategy 5: Incorporate simulators and state-of-the-art technology into curriculum		X			Online content and virtual simulators incorporated into the curriculum.
5. Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training		X			Online content (Amatrol) included in curriculum.

- 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			Students are provided with opportunities to obtain credit for prior learning. Veteran's affairs office has been very effective in cross-walking coursework from veteran's military coursework to college coursework.
2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum		X			Microsoft Digital Literacy used by college orientation advisors. Program contains two computer fundamentals courses.
3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning		X			Career navigator position created to work directly with students. Math tutorial videos and study skills video created. Courses are activity based with students working on industry-grade equipment.



4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program	X				Career navigator provides intense advising and student tracking throughout entire program.
5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components		X			CNC-Machining Advisory Committee in place and meets regularly with faculty.

This workforce solution is funded by the I-AM Consortium which is 100% financed through a \$12,951,165 grant from the Department of Labor's Employment & Training Administration. The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties, or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership

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