



## Iowa Advanced Manufacturing Consortium Curriculum Review Rubric

**Signature Program:** CNC Machining

**College:** Hawkeye Community College

**Reviewer Name:** Michael White

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

**Date:** 3/27/2016

### 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 credit pathway with multiple exit points to employment (Certificate 1, Certificate 2, Diploma) moving to AAS degree.
2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications		X			NIMS certifications and OSHA 10 certification incorporated in the program.
3. Priority 1, Strategy 1: Instructors certified per industry standards		X			Four instructors have multiple NIMS certifications. Two instructors have PC-DMIS/CMM certifications.
4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum			X		NCRC is stated as offered but no explanation as to how it is incorporated in the program. How NCRC is incorporated should be spelled out.
5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming				X	Noncredit programs do not seem to lead into the credit programs. Need to create/define a pathway for noncredit to credit.
6. Priority 2, Strategy 4: Uofl online BAS incorporated into program pathway		X			Program instructors have attended informational sessions on U of I BAS and promote the program to students.

<ul style="list-style-type: none"> <li>- Course Information: Syllabi &amp; Instructional Materials</li> </ul>	Exceptional	Effective	Opportunity to Improve	N/A	Comments & Recommendations
1. Priority 1, Strategy 1: Course competencies are aligned to relevant industry certifications		X			Course competencies align with the knowledge and skills required for numerous NIMS certifications.
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 are 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 are incorporated into the curriculum. Haas simulators are also used in the program.
5. Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training		X			Online content (Immersive) 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			Process created for military transcripts/past experience articulating into credit programs.
2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum		X			Students are required to do LMS orientation.
3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning		X			Retention specialist hired to assist with remediation including a Career Ready 101 course. Haas simulators used in CNC programming classes.
4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program	X				Retention specialist and Lab assistant were utilized for intensive advising.
5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components		X			Began new partnerships with Amana Whirlpool and Midwest Mold Builders. Partnered with local industry to provide plant tours, shadowing and internships.

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