



Iowa Advanced Manufacturing Consortium Curriculum Review Rubric

Signature Program: Industrial Maintenance

College: Northeast Iowa Community College (NICC)

Reviewer Name: Allan Robertson

Reviewer Signature:

Date: 03/2016

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.

- 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			This program allows students to move from a certificate to diploma to AAS to BS.
2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications		x			An example of some of the topics students cover are, electrical, fluid power, motor controls, welding, machining, mechatronics and safety.
3. Priority 1, Strategy 1: Instructors certified per industry standards	x				All instructors have industry certifications from organizations such as MSSC and North American Board of Certified Electrical Practitioners (NABCEP)
4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum	x				Students enrolled into the non-credit pathway are given the NCRC assessment to determine career readiness. Students who score at a certain level are admitted into the program while those who score below the “Silver Level” are assigned a career coach to help with remediation.
5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming	x				Students can be awarded credit when they have passed the MSSC certification and PMMI (Mechatronics) certification.
6. Priority 2, Strategy 4: U of I online BAS incorporated into program pathway		x			This option is listed in the career pathway chart.

- 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			Students can receive a MSSC certificate.
2. Priority 1, Strategy 1: Instructional materials are reflect current industry standards		x			All learning modules are based on MSSC standards.



3. Priority 2, Strategy 5: Online and blended delivery options for courses as appropriate		x			Tooling U online material is being used to supplement the traditional face to face lecture.
4. Priority 2, Strategy 5: Incorporate simulators and state-of-the-art technology into curriculum		x			NICC uses current manufacturing training equipment allowing instructors to focus on troubleshooting skills and traditional lab work.
5. Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training		x			Lectures have incorporated online material from Tooling U.

- 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 have the option to enter into this program in a non-credit pathway which can eventually lead to a certificate. If a student wants to move forward, this course work can transfer into credit.
2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum	x				Curriculum is delivered via Tooling U and is available for students 24/7.
3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning	x				Students are tested using the NCRC test. If a student does not score a certain score they are assigned a remediation coach.
4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program		x			Students can follow the career pathway from credential to credential.
5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components	x				This program has over thirty industries that are helping support this program through generous donations. Some of the funding is being used for scholarships, sponsorships, childcare, and transportation while the student is enrolled in the program.

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