



## Iowa Advanced Manufacturing Consortium Curriculum Review Rubric

**Signature Program:** Manufacturing Technician – Technology: Certified Production Technician

**College:** Southeastern Community College

**Reviewer Name:** Dan Larochelle

**Reviewer Signature:**

A handwritten signature in black ink that reads "Dan Larochelle". The signature is written in a cursive, flowing style.

**Date:** 5-9-16

### 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.



| - <b>Program Introduction &amp; Overview</b><br>- <b>Program Pathway</b><br>- <b>Curriculum Map</b>                       | 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           |           |                        |     | SCC has created stack courses to prepare students for the manufacturing workforce.   |
| 2. Priority 1, Strategy 1: Program outcomes aligned to relevant industry certifications                                   | X           |           |                        |     | SCC program is aligned the Certified Production Technician (CPT) program from MSSC (Manufacturing Skill Standard Council). |
| 3. Priority 1, Strategy 1: Instructors certified per industry standards   | X           |           |                        |     | SCC has two qualified instructors through MSSC CPT Instructor Authorized Training Program.                                 |
| 4. Priority 1, Strategy 1: NCRC incorporated into signature program curriculum  | X           |           |                        |     | A minimum of silver level is required to enroll in the program.  |
| 5. Priority 1, Strategy 2: Noncredit offering aligned to credit programming   | X           |           |                        |     | Candidates with prior learn can earn certification directly through examination.   |
| 6. Priority 2, Strategy 4: Uofl online BAS incorporated into program pathway  |             |           |                        | X   | Not part of the non-credit program.  |

| - <b>Course Information: Syllabi &amp; Instructional Materials</b>                             | Exceptional | Effective | Opportunity to Improve | N/A | Comments & Recommendations  |
|--|-------------|-----------|------------------------|-----|---|
| 1. Priority 1, Strategy 1: Course competencies are aligned to relevant industry certifications | X           |           |                        |     | Course are designed to prepare students to successfully pass the CPT certification tests.             |
| 2. Priority 1, Strategy 1: Instructional materials are reflect current industry standards      | X           |           |                        |     | MSSC online learning tools and quizzes are provided to each studnt.                                   |
| 3. Priority 2, Strategy 5: Online and blended delivery options for courses as appropriate      | X           |           |                        |     | Some introductory courses are offered online as well as blended learning with face to face and online |



|   |   |   |  |  |   |
|---|---|---|--|--|---|
| 4. Priority 2, Strategy 5: Incorporate simulators and state-of-the-art technology into curriculum                           | X |   |  |  | CBT simulators are included in the MSSC content.  |
| 5. Priority 2, Strategy 5: Incorporate online manufacturing training options as appropriate to supplement hands-on training |   | X |  |  | Limited success with current grant students. Recommend looking into Tooling U online content. |

| - 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           |           |                        |     | Credit for prior learning is applied to the CPT certification.  |
| 2. Priority 2, Strategy 1: Digital literacy incorporated into curriculum                                    |             | X         |                        |     | Digital literacy is a not mandatory part of the program, but it is needed to use the online and blended learning tools. Recommend incorporating an online tool learning management system like Blackboard to assist in improving digital literacy skills. |
| 3. Priority 2, Strategy 1: Evidence of plan for remediation and contextualized learning                     | X           |           |                        |     | Career Ready 101 is used for remediation for students not achieving the silver level on the NCRC. The online MSSC lessons and quizzes are also used for remediation.  |
| 4. Priority 3, Strategy 2: Evidence of intensive advising incorporated into program                         | X           |           |                        |     | A Pathway Navigator was added to the program. This was considered one of the more successful aspects of the grant.  |
| 5. Priority 3, Strategy 1: Evidence of industry input/standards in program design and curricular components | X           |           |                        |     | Letters of support were written from several companies. Employer partnerships were expanded to include new companies. Partnered with WIA and Iowa Workforce Development to assist displaced or underemployed workers interested in this new program.      |

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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