MoSTEMWINs Curriculum Review Rubric
Fall 2016/Spring 2017

Program Reviewed: Electronics Technology Certificate

College: Jefferson College

Reviewed By: Landon Vinson

Date: 5/25/2017

Review scale definitions:

Exceptional: Review component is a "best practice" and represents a model for replication.

Very good: Review component is complete and effective.

Good: Review component is adequate but presents opportunities for improvement.

Ineffective: Review component is weak and in need of significant improvement.

No or Insufficient Evidence: Review component was not covered or information provided in the documents was insufficient for assessment.

Curriculum Map, Career Ladder/Stackable Credential Documentation, Syllabi	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Program CIP code/s appropriate to program title and outcomes.	X				
2. Effective program structure (prerequisites, course sequence, stackable credential-structure provide a clear, logical path to completion).		X			
3. Outcomes aligned to occupational focus (industry skills and standards) and prepare students for appropriate industry certification/s.		X			
4. Outcomes are clearly stated.		X			
5. Outcomes are introduced and reinforced effectively.	X				
6. Course objectives are clearly stated and measurable.	X				
7. In multi-course programs, course objectives support one or more program or student learning outcome. In single-course programs, modules support one or more course objective.		X (note 7)			

Comments or recommendations specific to each section rated:

1

2. Program structure clearly stated all prerequisites, course sequence, and logical path to completion. Course prerequisites information was found in course syllabus; I would suggest putting that information in the course sequence as well.

3.

4.

5. Introducing and reinforcing outcomes multiple times throughout the program is a great practice and asset for the students.

6.

7. A rating of "Very Good" was given for objectives support one or more program or student learning outcome since there was no stated integration of electrical components into MTT147 Hydraulics & Pneumatics.

General comments or recommendations:

Instructional Materials and Lab Resources	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Support stated course or unit learning objectives.		X			
2. Meet/reflect current industry practices and standards.		X			
3. Provide options for multiple learning styles.		X			
4. Instructional materials are cited properly.		X			
5. There is evidence of materials and resources that support on-line or technology-enabled learning.			X		

Comments or recommendations specific to each section rated:

1 Curriculum map shows understanding of OSHA regulations and safety requirements being introduced and reinforced in ETC 103, 104, 132, 236, and 147. This is stated in course syllabus, but is not stated in the overview of course components.

2.

3. A rating of "Very Good" was given for Provide options for multiple learning styles since ETC 132 did not list any hands-on activities.

4.

6. ETC 132 was the only course that had documented online resources, the only other documentation was general reference to online Blackboard discussions. This could be an opportunity to increase student engagement with online resources.

General comments or recommendations:

Overview Table: Objectives, Modules/Units, Learning Activities and Assessments	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Modules/units are linked to course objectives.		X			
2. Learning activities promote achievement of stated module/unit objectives.		X			
3. Learning activities provide opportunities for interaction and active learning.		X			
4. Learning activities provide options for multiple learning styles.	X				
5. Learning activities are linked to current industry practices, standards and certifications.				X	
6. Learning activities demonstrate evidence of innovation or enhancements to support adult learner success.		X			
7. Materials/resources (to include equipment, tools and software) are used in a way that students understand their purpose and use in industry settings.		X			
8. Assessments measure stated learning objectives and link to industry standards.				X	
9. Assessments align with course activities and instructional materials and resources.					X
10. Assessments are sequenced throughout the instructional period to enable students to build on feedback.		X			
11. Assessments are varied and appropriate to content.		X			
12. Assessments provide opportunities for students to measure their own learning progress.					X

Comments or recommendations specific to each section rated:

1.

2.

3.

4. Every course MLO's has multiple style of learning activities to accommodate the different learning styles of students.

5. No documentation linking MLO's to any industry standards. I would suggest considering NIMS standards to link MLO's.

6.

7. Use of Amatrol Trainers provides good hands-on material for students.

8. No documentation linking MLO's to any industry standards. I would suggest considering NIMS standards to link MLO's.

9. Not enough information within the documentation to offer a report on this item.

10.

11.

12. Not enough information within the documentation to offer a report on this item.

General comments or recommendations:

Innovative or Enhanced Strategies	Excellent	Very Good	Good	Ineffective	No/Insufficient Evidence
1. Accelerate Entry into Career Programs Refine assessment, transform developmental education and add support services to meet the needs of participants		**X**			
2. Create Clear Pathways to STEM Careers Expand access to and/or develop new stacked and latticed credentials in programs that meet employer needs		**X**			
3. Improve Employment Attainment Collaborate with industry, WIBs, state, and community-based organizations to engage, guide and employ participants	**X**				

Comments or recommendations specific to each section rated:

1.

2. Documentation showed ability for students to earn credentials, but this could be enhanced by offering NIMS stackable certification.

3. Using Advisory Committees to create internship/co-operative opportunities is an excellent component of any technical education program.

General comments or recommendations:

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