

MoSTEMWINS Curriculum Review Rubric Fall 2016/Spring 2017

Program Reviewed: Fluid Power Math

College: Mineral Area College

Reviewed By: Thomas Blansett

Date: 23 July 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		

Comments or recommendations specific to each section rated:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

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.					

Comments or recommendations specific to each section rated:

1.

2.

3.

4.

5.

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.					
5.					
6.					
7.					

8.

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10.

11.

12.

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		
<p>Comments or recommendations specific to each section rated:</p> <p>1.</p> <p>2.</p> <p>3.</p> <p>General comments or recommendations:</p>					

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