

MoSTEMWINS Curriculum Review Rubric Fall 2016/Spring 2017

Program Reviewed: F.I.R.S.T./CPT Program

College: Three Rivers College

Reviewed By: Bob Sherman

Date: 6-13-17

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-note 1			
2. Effective program structure (prerequisites, course sequence, stackable credential-structure provide a clear, logical path to completion).		x-note 2			
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. Clearly defined codes, titles and outcomes.
2. Very good description of how the course sequence and stackable credential ladder is structured.

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-note1			
2. Meet/reflect current industry practices and standards.		x-note 2			
3. Provide options for multiple learning styles.		x-note 3			
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. Hands-on instructional materials of Amatrol and the use of MSSC materials are a very good way to meet objectives and assessments.
2. Very good use of MSSC to the instructional materials – it gives the student more knowledge about subjects (safety, maintenance, quality, production) and are a good representative of industry practices.
3. The alternate night class is a very good option for students to take these classes.

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-note 1			
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. Very good use of Amatrol equipment/materials and MSSC curriculum as a link to industry practices.					
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-note 1			
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-note 2		
Comments or recommendations specific to each section rated: 1. Very good job of using the 8-week FIRST program to transition to college credit classes and an associate degree. 2. I did not see these support services listed to engage, guide and employ participants. I would suggest that you have a specific person that lends support to help these students find jobs. The contact person should be working closely with the local Industries to find out what their needs are and match the students. General comments or recommendations: I believe the F.I.R.S.T/CPT program at Three Rivers is a very good program to train students to the meet the needs of their local industry and provide certification credentials. The documents show the program is well organized with clear cut objectives, goals, materials and assessments. Very Good job overall.					

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