

Subject Matter Expert Review Rubric for: ElectroMechanical Technology program
Reviewer: John DeVere, Principal, Education and Training Solutions, LLC

Program/Student Learning Outcomes and Program Map	Exceptional	Very Good	Good	Ineffective
Program CIP code/s appropriate to program title and outcomes	X			
Effective program structure (prerequisites, course sequence, delivery methods, classroom/laboratory blend, stackable credential-structure provide a clear, logical “map” to completion for adult students)		X		
Outcomes aligned to occupational focus (industry skills and standards)	X			
Outcomes clearly stated	X			
Outcomes introduced/reinforced effectively	X			
Evidence of capstone assessment (licensure, industry certification, capstone project or TSA)		X		
Comments or recommendations: The student learning outcomes reflect industry standards in the greater Lancaster region. The program of study begins teaching foundation electrical and mechanical knowledge and skills in basic courses followed by more advanced courses leading to a capstone experience. All knowledge presented in lecture is reinforced by “hands on” laboratory exercises.				
Course Objectives	Exceptional	Very Good	Good	Ineffective
Appropriate to course level	X			
Clearly stated from student perspective	X			
Measurable	X			
Address/support one or more outcome	X			
Comments or recommendations: All course syllabi state clearly stated and measurable course objectives.				
Module or Unit Objectives	Exceptional	Very Good	Good	Ineffective
Clearly linked to course objectives	X			
Address one or more course objective	X			
Clearly stated from student perspective	X			
Measurable	X			
Comments or recommendations: All course objectives are organized so that they build into modules from basic to intermediate to advanced.				
Instructional Materials and Lab Resources	Exceptional	Very Good	Good	Ineffective
Support stated course and module or unit learning objectives	X			
Meet/reflect current industry practices and standards	X			
Provide options for multiple learning styles		X		
Resources/materials are cited properly		X		
Evidence of innovation to support adult learner success	X			
Comments and recommendations: To ensure that current industry practices and standards are met grant funds were utilized to purchase new “state of the art” training equipment in areas of mechanical systems, hydraulics, pneumatics, industrial wiring, programmable logic controls, industrial controls and flexible manufacturing systems. Capstone experiences are designed to ensure adult learner success through innovation and are tied to local industry.				

Learning Activities	Exceptional	Very Good	Good	Ineffective
Promote achievement of stated module or unit objectives	X			
Materials/resources (to include equipment, tools and software) are presented in a way that students understand purpose and use in healthcare and other industry settings	X			
Provide opportunities for interaction and active learning	X			
Provide options for multiple learning styles		X		
Linked to current industry practices and standards	X			
Evidence of innovation to support adult learner success	X			
Comments and recommendations: All learning activities support the course objectives which in turn support the unit objectives which in turn support the overall program objectives. All instructional materials and lab resources support the learning objectives.				

Assessment Tools/Criteria for Evaluation	Exceptional	Very Good	Good	Ineffective
Measure stated learning objectives and link to industry standards	X			
Align with course activities and resources	X			
Include specific and descriptive criteria for evaluation of student work/participation		X		
Sequenced throughout instructional period to enable students to build on feedback		X		
Varied and appropriate to content	X			
Provide opportunities for students to measure their own learning progress		X		
Comments and recommendations: The assessment tools evaluate both knowledge and hands-on skills. This is imperative for an applied technology program.				
Innovative or enhanced strategies	Exceptional	Very Good	Good	Ineffective
Evidence industry input/standards in program design and curricular components	X			
Evidence of program enhancements to support adult learner	X			
If program has run long enough, is there evidence that enhancements to it have improved pass rates?	NA			
Comments or recommendations: The ElectroMechanical Technology program is an outstanding curriculum designed to meet the needs of local and regional industries. Stevens College of Technology has used federal dollars wisely to develop and deliver a program of study that is addressing the “skills gap” that was identified by industry representatives as well as the Lancaster County Workforce Development Board. In addition, the program’s CIP code is listed as a “high priority occupation” by the Pennsylvania Department of Labor and industry. The ElectroMechanical Technology program has an advisory committee comprised of stakeholders from local and regional industry that meets on a regular basis to provide feedback as to program evaluation improvements. This group also provides capstone experiences which of lead to employment,				

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