

Arizona Sun Corridor - Get Into Energy Consortium  
 TAACCCT Round 2 Grant (TC-23759-12-60-A-4)  
 Third Party Review of Curriculum and Related Educational Resources

College	Northland Pioneer	
Course Number	MET140	
Course Title	Introduction to Programmable Logic Controllers	
Item Description	BP	
Reviewed by	March 2016	
Review Date(s)		
Course Number	Yes	
Course Title	Yes	
Course Description	Yes/no	Description is in the new course form but missing from the syllabus. I would consider this standard content for a syllabus so it should be included.
Pre-requisites	Yes	Listed on new course form, again missing from the syllabus. Again this is standard information that should be included in a syllabus.
Co Requisites		None listed
Student learning outcomes and competencies are clearly identified	Yes/no	There is a long list on the new course form but nothing included in the syllabus. First comment would be a recommendation to do some re-writes of the outcomes to combine some concepts. An outcome should be an assessment point so they should be written in a way that leads to assessment. They should also all be included in the syllabus.

Required and recommended texts and other materials are clearly identified	Yes	All are provided
Description of strategies for student success or available assistance	No	There is no information provided to students other than those with disabilities. This area needs to be enhanced to describe other supports available to all students who may need other supports.
Description of how course prepares student for a certificate or degree	Yes/no	A rationale statement is included in the new course form, but none of that information is carried over to the syllabus.
Description of how course/item is relevant or applicable to occupation or industry	Yes/no	A rationale statement is included in the new course form, but none of that information is carried over to the syllabus.
Description of assessments, evaluation, exams and grading process	No	While there is a table provided of percentages to earn a grade, there is no information provided on how lab activities will be assessed. While a person can assume tests and quizzes will adhere to such a metric, there needs to be some explanation provided to outline how grading will be assessed in demonstration of skills,.
Evidence of industry input, review and approval process	No	There is no information provided that indicates industry review of course.
Evidence of college review and approval process	Yes	Information on the New course form indicates that process was completed on 2/27/13. Since the course has been in place for that length of time, it seems a far better quality syllabus should have been assembled by this time.

For items not directly related to a course, any evidence of quality control process

NA

The overall quality is a sufficient representation of college and industry standards

No

This material is not an adequate representation of professionalism that should be provided to students. This needs a great deal of work for this syllabus to meet educational standards

Other notes

There is significant need for improvement in these materials. It is my hope that better materials are being provided to students. However, the materials provided do not indicate significant effort has gone into constructing this class.

The syllabi for all of this group of courses are exactly the same except for course title, number and calendar. This reviewer believes there is a great deal of work needed to make this a good presentation to the student of the course.