

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	MET220
Course Title	Advanced Programmable Logic controllers
Item Description	New Course Form
Reviewed by	BP
Review Date(s)	March 2016

Course Number	Yes	
Course Title	Yes	
Course Description	Yes	
Pre-requisites	Yes	Intro to PLCs
Co Requisites	Yes	Robotics, Process Control & Instrumentation

Student learning outcomes and competencies are clearly identified	Yes	This reviewer believes there may be too many outcomes for the course and some could be combined to reduce the number of assessments to a more manageable level. In the course topics area, the writer did a nice job writing out the technical names followed by the acronyms. This practice should be continued in the outcomes to continue delivering clarity of technical terminology.
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Required and recommended texts and other materials are clearly identified	No	None are identified in this document
Description of strategies for student success or available assistance	No	Nothing provided in this document
Description of how course prepares student for a certificate or degree	Yes	Speaks of applications in industry in rationale statement
Description of how course/item is relevant or applicable to occupation or industry	Yes	Speaks of applications in industry in rationale statement
Description of assessments, evaluation, exams and grading process	No	Only states types of assessments to be used. There is no further explanation that would tell the student of achievement expectations for their coursework. This needs significant clarification.
Evidence of industry input, review and approval process	No	None is presented in materials provided.
Evidence of college review and approval process	Yes	Course form completed 2/27/13. This should have led to syllabus and outline development. Those have not been provided for review.

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

The single document provided for review is not a strong representation that a good structure exists to inform the students about expectations for success in this course. The questions above must be responded to.

There is much to be done to complete a quality syllabus for this course. If the issues identified in this review are incorporated it will provided a better representation of what students will learn and how they will achieve success.

Other notes