

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	MET200
Course Title	Robotics and Motion Control
Item Description	New course form
Reviewed by	BP
Review Date(s)	March 2016

Course Number	Yes
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Course Title	Yes
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Course Description	Yes
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This description needs to be cleaned up. Run-on sentence to start. Make it a story of what will be done in the course and what students will achieve.

Pre-requisites	Yes
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Intro to PLCs and Rotating Electrical Machines. Because Industrial Mechanics 1 and 2 are identified in the topics section, should those also be added here?

Co Requisites	Yes
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None listed

Student learning outcomes and competencies are clearly identified	Yes
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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. This practice should be continued in the outcomes to continue delivering clarity of technical terminology. In the course topics area, the writer did speak about the extension of knowledge from Industrial Mechanics 1 and 2 yet those are not listed as pre-requisites.

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.

Other notes

It would have been good to have a syllabus to review to assure the many items noted here are provided to the students. The document provided needs to be refined significantly to provide a good syllabus to the students to understand expectations of the course.