

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	MET238
Course Title	Mechatronics Application Project
Item Description	New Course Form
Reviewed by	BP
Review Date(s)	March 2016

Course Number	Yes	MET238
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Course Title	Yes
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Course Description	Yes	Of note here, the course is described as a capstone application course. I question why there is a lecture of two hours per week in the structure when the intent is an independent lab experience.
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Pre-requisites	Yes
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Co Requisites	End of program so all required courses are completed
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Student learning outcomes and competencies are clearly identified	Yes	Course description, rationale, topics and outcomes present a good outline.
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Required and recommended texts and other materials are clearly identified	None noted, all should be attached to pre-requisite courses.
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Description of strategies for student success or available assistance	No	None provided
Description of how course prepares student for a certificate or degree	Yes	Provided in both the description and topics sections.
Description of how course/item is relevant or applicable to occupation or industry	Yes	Provided in both the description and topics sections.
Description of assessments, evaluation, exams and grading process	No	States there will be written examinations, oral presentations and demonstration of skills. I question how and why a written exam would be used for this sort of course. This needs to be better described. Second, there is no rubric provided that shows how success will be measured.
Evidence of industry input, review and approval process	No	None provided
Evidence of college review and approval process	Yes	The form states completion was February 2013. There should be a good syllabus provided for this course in the time since. This form is not a good presentation for the student to understand the course expectations.
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

Needs significant work to be a professional documentation of the course.

Other notes

The course is described as a capstone application course. I question why there is a lecture of two hours per week in the structure when the intent is an independent lab experience.