

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	MET240	
Course Title	Mechatronics Application Project	
Item Description	This course provides a capstone experience for the Mechatronics Area of Specialization by requiring that the student, together with a team mate(s), apply skills and knowledge from each of the program areas to an independent mechatronics project related to consumer goods packaging.	
Reviewed by	AJZ	
Review Date(s)	3/13/2016	
	Yes/No/DNA	Comments
Course Number	Yes	The credit load of the class on the New Course Form is listed within the name. Recommend identifying as the credit number to not confuse with the session/level of the class.
Course Title	Yes	
Course Description	Yes	
Pre-requisites	Yes	
Co Requisites	None	There are 21 Outcomes. This a fantastic course to run and can be done with a Rankine Cycle emphasis for the energy students. One thing that is key is to have a rubrics that directs your expectations as an instructor. The information included does not show that.
Student learning outcomes and competencies are clearly identified	No	
Required and recommended texts and other materials are clearly identified	No	I did not see the syllabus.
Description of strategies for student success or available assistance	No	
Description of how course prepares student for a certificate or degree	No	
Description of how course/item is relevant or applicable to occupation or industry	No	
Description of assessments, evaluation, exams and grading process	No	
Evidence of industry input, review and approval process	No	
Evidence of college review and approval process	No	
For items not directly related to a course, any evidence of quality control process	No	
The overall quality is a sufficient representation of college and industry standards	No	
Other notes	Currently this class is centered on Manufacturing not on energy. This class could be adapted to do the energy concept. Not sure if this class is part of an energy students classes that are required.	