

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		MET230
Course Title		Integrated Manufacturing Systems
Item Description		This course guides the student through the processes of interfacing and integrating manufacturing components and unit operations into useful systems.
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	Yes	
		There are 39 Outcomes. These are valid but could be condensed. What is listed are lesson outcomes vs. class outcomes.
		This class is setup to be a cell setup course. It is based around robotics and should not be incorporated into this curriculum package. If I were goaled to find employment in the energy industry, I would be disappointed to have this class in my degree package.
Student learning outcomes and competencies are clearly identified	No	I did not see the syllabus.
Required and recommended texts and other materials are clearly identified	No	
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	
		One other consistent factor is that these classes have much more information being delivered compared to the credit value of the class.
		Not sure how the credits work out at this school but I am not able to see how the credits breakdown. Some Examples- 2 Lecture Hours + 3 Lab Hours = 3 Credits 3 Lecture Hours + 3 Lab Hours = 4 Credits 4 Lecture Hours + 3 Lab Hours = 5 Credits
Other notes		