

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 MET130
 Course Title Industrial Electrical Systems

Item Description This course covers the principles and application of alternating (AC) and direct (DC) current electricity, industrial sequential control and electrical controls construction as found in a typical energy and manufacturing environment.
 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	Not in Syllabus
Pre-requisites	Yes	
Co Requisites	None	

There are 27 Outcomes. How can you make that clear? In the syllabus there are no outcomes listed.
 It is very surprising to see a class that introduces Ohm's Law make it into Boolean Logic. Normally Digital Logic is it's own class. The course schedule, which is Amatrol modules, do not include Boolean Logic.

Student learning outcomes and competencies are clearly identified	No	
Required and recommended texts and other materials are clearly identified	No	There is direction that the tests will be given as the student goes through the class.

Description of strategies for student success or available assistance	Yes	There is information listed on Student Success, Conduct and Attendance.
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Description of how course prepares student for a certificate or degree	No	
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Description of how course/item is relevant or applicable to occupation or industry	No	
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Description of assessments, evaluation, exams and grading process	No	
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Evidence of industry input, review and approval process	No	
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Evidence of college review and approval process	No	
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For items not directly related to a course, any evidence of quality control process	No	
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The overall quality is a sufficient representation of college and industry standards	No	According to the schedule of this class there is at least 10 credits of training for a four credit class.
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I did not see anything energy environment in the course schedule.

Looking at all the syllabi from this campus there is no difference. Every class has the same information with the exception of the course schedule. There is no reference to learning outcomes or what the student can succeed in.

One other consistent factor is that these classes have much more information being delivered compared to the credit value of the class.

Syllabus is not labeled that it is a syllabus.

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