

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 Estrella Mountain/MCCCD
 Course Number PPT221
 Course Title Reactor Theory
 Item Description Basic nuclear reactor theory to include atomic and nuclear physics, thermodynamics, and heat transfer and fluid flow.
 Reviewed by AJZ
 Review Date(s) 3/1/2016

	Yes/No/DNA	Comments
Course Number	Yes	It would be helpful to label this as an Estrella Mountain CC course.
Course Title	Yes	
Course Description	Yes	
Pre-requisites	Yes	PPT120 & GTC108
Co Requisites	N/A	
Student learning outcomes and competencies are clearly identified	Yes	Recommend consolidating competencies. Some of the competencies are extremely vague. Example- explain the principles of mechanical concepts. Not quite sure where SI to English Standard fits in to be a priority in Reactor Theory. Fluid power classes give many more opportunities.
Required and recommended texts and other materials are clearly identified	No	This was the course outline only
Description of strategies for student success or available assistance	No	This was the course outline only
Description of how course prepares student for a certificate or degree	No	This was the course outline only
Description of how course/item is relevant or applicable to occupation or industry	No	This was the course outline only
Description of assessments, evaluation, exams and grading process	No	This was the course outline only
Evidence of industry input, review and approval process	No	This was the course outline only
Evidence of college review and approval process	Yes	
For items not directly related to a course, any evidence of quality control process	N/A	
The overall quality is a sufficient representation of college and industry standards	No	This was the course outline only

Other notes
 On Reactor theory, the outline could use a little more description. Example- control rod effect on fission process instead of response to control rods/boron/fission.
 In the instance that one school is using a general MCCCD outline, it would be helpful to customize with knowing who's version of the MCCCD Curriculum is being delivered by including your individual school.