

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
 Course Number PPT222
 Course Title Reactor Plant Chemistry and Materials
 Item Description Curriculum and Transfer document
 Reviewed by BP

Review Date(s) March 2016

Yes/No/DNA Comments

Number Yes

Course Title Yes

Course Description Yes

This course description does not meet what I would consider foundation expectations of a description. It is not a complete sentence, it does not convey to a student what the course is intended to do, how it fits into the body of knowledge of the program, and how the course presents information needed for advancing in industry.

Pre-requisites Yes

PPT120 This reviewer questions why PPT221 would not be either pre or co requisite.

Co Requisites No

None listed

Student learning outcomes and competencies are clearly identified	No	The first three competencies are "apply" but do not include what they are applied to. Further, is application appropriate to be included in a lecture only course? Should the course also include a lab component? I would also suggest each of these competencies should be developed further. i.e. "Explain the brittle fracture characteristics" of what??
Required and recommended texts and other materials are clearly identified	No	No information is provided in this document.
Description of strategies for student success or available assistance	No	No information is provided in this document.
Description of how course prepares student for a certificate or degree	No	No information is provided in this document.
Description of how course/item is relevant or applicable to occupation or industry	No	Only through personal knowledge or inference is there a connection to the broader industry. This could easily be added to the course description in a couple sentences.
Description of assessments, evaluation, exams and grading process	No	No information is provided in this document.
Evidence of industry input, review and approval process	No	No information is provided in this document.

Evidence of college review and approval process

Yes

Approved June 24, 2014

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

This document is very light and does not provide information that attached to any industry standards. While it provides an outline of concepts that are of the industry, there is no information provided about any standards to be achieved through this course.

Other notes

This course materials does not appear to meet the minimum expectations for curriculum in a grant of this type. A key element of these grants is to provide good foundation documents that represent good curriculum and completeness. It is clear this material does not adequately represent the questions being asked in this review.