

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 CIS275DA
 Course Title Generation and Transmission Systems Security

Introduction to industrial control systems and how they support Power Generation and Transmission. Risks associated with infrastructures and why it is important to reduce those risks to acceptable levels by securing supporting industrial control systems. Advanced knowledge of industrial control systems used in the power, energy and utility industry with a concentrated focus on cyber security. This experience will also be directly transferable to other industries that operate industrial control systems such as Chemical Processing, Manufacturing, Defense, etc. Partial preparation for the Certified SCADA (Supervisory Control and Data Acquisition) Security Architect (CSSA) certification provided by the Information Assurance Certification Review Board (IACRB).

Item Description
 Reviewed by AJZ
 Review Date(s) 3/3/2016

	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	CIS274DA
Co Requisites	N/A	
Student learning outcomes and competencies are clearly identified	Yes	
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

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.

Other notes Curious of the lab equipment required to teach this course. This level of IT is going to require an isolated computer network to do properly.