

PROGRAM INFORMATION	Program	Automation Controls/SCADA
	Submitted by:	Josh Renken
	Year	2021-2022
	Date of Review	2022-01-06
	Form Key	9e1fafeb-98e9-40bf-a438-b6e6efed55e1
PROGRAM OUTCOMES	Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	The common first semester among WIFI, IST and GIS that was decided last year that we try has been put in place. Several changes were made in all programs to allow for students to more easily transfer from program to program if they would like after that first semester. There was also a goal in these changes that all students could have a class with each instructor in the division within that first semester. After trying this for a year it was discovered that there was some disconnect in communication with first year SCADA students and their advisor, they did not have a class in that semester with their advisor so we have made some adjustments so that Dale would have a class with them in the first semester.
	Outcomes are up to date in WIDS and on the program's web page	Yes
SYLLABI	ADA Statement	Yes
	Competencies	Yes
	Course Description	Yes
	Course Title and Number	Yes
	Credit Hours	Yes
	Freedom of Expression Statement	Yes
	Grading Criteria	Yes
	Instructor	Yes
	Academic Integrity Policy	Yes
	Nondiscrimination Statement	Yes
	Office Hours/Contact Information	Yes
	Prerequisites	Yes
	Required Text(s)	Yes
	Syllabi Up to Date in WIDS	Yes
	Explain which syllabi were reviewed this year; input received from advisory board, instructors, students, etc. regarding course objectives and textbooks used; and changes made, if any.	EC113 was reviewed and changed to better match with SD142 as Dale will now teach both classes. The Cisco CCNA curriculum was discussed at the advisory board meeting and it was mentioned that although it is not the best for our program it is all that is currently out there for industry recognised credentials. Students (current and past) comments are that for the time invested in that class there is not much usable content for our industry.
PROGRAM COMPETENCIES	Explain how competencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	Reviewed with advisory board and found that no changes are needed at this time.
	WIDS Up to Date	Yes
COURSE ASSESSMENTS USED IN PROGRAM CHECKLIST	Capstone	Yes
	Class Participation	Yes
	Clinical/internship observations	No
	Examinations	Yes
	Comprehensive Final Exams	Yes
	Journals	Yes
	Lab Demonstrations	Yes
	Oral Examinations/Presentations	Yes
	Other Projects	Yes
	Peer Evaluations	No
	Portfolio Projects	Yes
	Quizzes	Yes
	Self Evaluations	No
	Simulations	Yes
	Videos of Student Mastery	Yes
	Written Essays	No
	Written Reports	Yes
ALIGNED AND APPROPRIATE ASSESSMENTS	Assessments used in the program are matched to the outcomes/competencies for the program.	Yes
	Give examples of how assessments used in the program reflect higher-level thinking skills, such as applications, analysis, synthesis, and evaluation.	Nearly every class has a capstone or final project that needs to demonstrate that each student has mastered the skills of that course and the application of that knowledge. Each class also has it's own final written exam.

	Explain changes in the assessments used in your program since your last review (include input received and rationale)	Final semester lab projects and capstone projects that require the knowledge gained from the previous 4 semesters, projects are individual and drive each student to show their skills in these areas.
INDUSTRY CERTIFICATIONS	Explain any changes made or planned in the program based on assessment of industry certifications used in the program.	No changes made.
INTERNSHIPS/CLINICALS	How do you evaluate program competencies or learning objectives during internship/externship experiences?	N/A
	As you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?	N/A
ENROLLMENT	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes, 106%
RETENTION	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes, 83%
GRADUATION	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes, 75%
PLACEMENT	Does the most recent year's data meet this benchmark? If not, explain a single-year anomaly or explain what strategies your program will implement to address a pattern (two or more years) of not reaching this benchmark.	Yes, 82%
STUDENT SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Goal met, highest score was .6
ALUMNI SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	100%
EMPLOYER SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	100% either met or exceeded expectations.
PROFESSIONAL DEVELOPMENT	What professional development activities have instructors in this program completed in the last year?	Rockwell's automation fair was attended by Josh this year and sat in on 9 classes.
	How were these activities used to improve this program?	I brought to light new technologies and software used in the industry and showed the trends of VR that are coming.

PROFESSIONAL ORGANIZATIONS	Do faculty members belong to professional organizations associated with this program?	No
	If no, explain why.	Most are very vendor specific and would favor one brand over another and we want to be flexible in our instruction.
	Are students made aware of the professional organizations for their career field?	Yes
All	What changes were or will be made to this program based on feedback provided at the past year's advisory board meeting(s)?	No changes were decided on but networking and the CCNA classes continue to be on the radar and we will continue to research options.
	Implementation Date	2022-08-15
	Indicate the personnel responsible for implementing the change(s):	Josh
PROGRAM IMPROVEMENT PLANS AND BUDGET	As you review this past year, what changes do you propose for the next school year that will affect the program's budget?	Software will always be an issue because of the subscriptions. Trainer modifications and updates.
	Cost	20000