PROGRAM INFORMATION	**Program**	**Automation Controls/SCADA**
	Submitted by:	Josh Renken
	Year	2023-2024
	Date of Review	2024-01-05
	Form Key	792d1388-41c3-475b-8203-cf6a1985f5a9
PROGRAM OUTCOMES	**Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:**	Implemented changes that were suggested last year including Programming for SCADA (SD136) meeting 3 times a week instead of just two. Electronics Theory (EC 113), and Control Circuit Analysis (SD 142) also now run consecutively in 8 week pods. Cisco classes have also been replaced with CompTIA Net+ with a new instructor. Advanced Industrial Networking (SD239) will be expanded to include more industrial protocols and hands on work as per the advisory board request.
	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.	EC 113 still needs to have a name change to better describe the class. Advisory Board discussion indicated that we need more hands-on labs and industrial protocols in SD239 Advanced Industrial Networking.
PROGRAM COMPETENCIES	**Explain how competencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:**	We will add IOT, IO link and Modbus units to SD239
	WIDS Up to Date	Yes
COURSE ASSESSMENTS USED IN PROGRAM CHECKLIST	**Capstone**	Yes
	Class Participation	No
	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	Yes
	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
	Explain changes in the assessments used in your program since your last review (include input received and rationale).	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 its own final written exam.
	Give examples of how assessments used in the program reflect higher-level thinking skills, such as applications, analysis, synthesis, and evaluation.	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?**	NA
	As you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?	NA

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, 83%
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, 84%
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, 83%
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, 100%
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 expetations.
PROFESSIONAL DEVELOPMENT	**What professional development activities have instructors in this program completed in the last year?**	None

	How were these activities used to improve this program?	NA
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
ADVISORY BOARD RECOMMEN-DATIONS	**What changes were or will be made to this program based on feedback provided at the past year's advisory board meeting(s)?**	We will add IOT, IO link and Modbus units to SD239.
	Implementation Date	2024-01-05
	Indicate the personnel responsible for implementing the change(s):	Josh Renken
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?**	None
	Cost	0