

PROGRAM INFORMATION	Program	Electrical Construction & Maintenance
	Instructor	Layne Hantke
	Year	2020-2021
	GUID	437cb8bd-308c-4404-be31-945bcad9274f
PROGRAM OUTCOMES	Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	Instructors reviewed program outcomes, no changes made
	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
	Non-discrimination Statement	Yes
	Office Hours and Contact Information	Yes
	Prerequisites	Yes
	Required Text(s)	Yes
	Syllab 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.	ECM 149, No changes made
PROGRAM COMPENTENCIES	Explain how comptencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	reviewed using lab scores, test scores and rubrics
	WIDS Up to Date	Yes
COURSE ASSESSMENTS USED IN PROGRAM CHECKLIST	Capstone	No
	Class Participation	Yes
	Clinical	No
	Exams	Yes
	Final Exam	Yes
	Journals	No
	Lab Demo	Yes
	Oral Exams	No
	Other Projects	Yes
	Peer Evals	No
	Portfolio	No
	Quizzes	Yes
	Self Evals	Yes
	Simulations	Yes
	Video Student Mastery	No
Written Essays	No	
Written Report	No	
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 application, analysis, synthesis, and evaluation.	critical thinking

	Explain changes in the assessments used in your program since your last review (include input received and rationale):	added online quizzes
INDUSTRY CERTIFICATIONS	Explain any changes made or planned in the program based on assessment of industry certifications used in the program.	None
INTERNSHIPS/ CLINICALS	How do you evaluate program competencies or learning objectives during internship/externship experiences?	none
	As you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?	none
PROGRAM OUTCOME #1 ASSESSMENT RESULTS	Program outcome assessed this year	Install and troubleshoot basic motors and control systems.
	How did you assess student achievement of this program outcome? What measures were used?	Using the Midterm and Final hands on exam scores in ECM 255.
	What are the benchmarks for achievement of this outcome?	80% class average
	Explain the results and your analysis of the previous year's data on this learning outcome. (Did your students meet the benchmark? If not, what factors might be affecting student achievement of this outcome? Is there further assessment needed to understand and address why the program is not meeting the benchmark?)	91% Class Average
	Explain how you will use assessment results for this outcome to make changes in your program.	No changes
PROGRAM OUTCOME ASSESSMENT (SECOND PLO, IF APPLICABLE)	What program outcomes were assessed this year? - 2	Understand the behavior and principles that govern AC and DC electrical circuits.
	2. How did you assess student achievement of these program outcomes? What measures were used? - 2	Final grade in ECM 101 (without attendance)
	What are the benchmarks for achievement of these outcomes? - 2	75% class average
	Explain the results and your analysis of the previous year's data on these outcomes. (Did your students meet the benchmark? If not, what factors might be affecting student achievement of this outcome? Is there further assessment needed to understand and address why the program is not meeting the benchmark?) - 2	68%
	Explain how you will use assessment results for these outcomes to make changes in your program. - 2	Review combination circuits.

CLOSING THE LOOP (PREVIOUS YEAR FOLLOW-UP)	If you made changes to your program last year based on program outcome assessment, what has been the impact on student achievement following the changes?	
	If applicable, what further changes are needed to improve achievement in program outcomes?	NA
ENROLLMENT	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. 129% for 2020
RETENTION	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 90% retention for 2020
GRADUATION	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 79% for 2020
PLACEMENT	Job 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 97% for 2019
STUDENT SATISFACTION	Student Satisfaction - If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	
ALUMNI SATISFACTION	Alumni Satisfaction - If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	
EMPLOYER SATISFACTION	Employer Satisfaction - If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	
PROFESSIONAL DEVELOPMENT	What professional development activities have instructors in this program completed in the last year?	Keep instructors updated
	How were these activities used to improve this program?	Recertified as OSHA instructor Electrical Contractors License 16 hours PLC training from Allen Bradley
PROFESSIONAL ORGANIZATIONS	Do faculty members belong to professional organizations associated with this program?	Yes
	Are students made aware of the professional organizations for their career field?	Yes
	Professional Organizations - If no, explain why.	
ADVISORY BOARD	Implementation Date	2021-01-06

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)?	
	Indicate the personnel responsible for implementing the change(s):	
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?	Purchase solar system, student tours and update lab equipment
	Cost	55606.48