

PROGRAM INFORMATION	Program	Wi-Fi & Broadband Technologies
	Submitted by:	Michael Benjamin
	Year	2021-2022
	Date of Review	2022-01-06
	Form Key	47e31506-3a19-42d4-ac42-de7a655cfa5a
PROGRAM OUTCOMES	Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	Advisory Board discussed to better stream classes we moved WBT249 to 2nd semester for 1st year students to better prepare them for the summer internship program. And added BUS204 to the program to better prepare the 2nd year students for the workforce. Dropped the CCNA classes and added CIS130 network essentials, the board determined that network essemntials aligned with the program better than the CCNA classes.
	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.	Advisory Board reviewed CIS130 and BUS204 and approved at the spring advisory board meeting.	
PROGRAM COMPETENCIES	Explain how competencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	Advisory Board reviewed CIS130 and BUS204 and approved at the spring advisory board meeting.
	WIDS Up to Date	Yes
COURSE ASSESSMENTS USED IN PROGRAM CHECKLIST	Capstone	Yes
	Class Participation	Yes
	Clinical/internship observations	Yes
	Examinations	Yes
	Comprehensive Final Exams	Yes
	Journals	No
	Lab Demonstrations	Yes
	Oral Examinations/Presentations	Yes
	Other Projects	Yes
	Peer Evaluatioins	Yes
	Portfolio Projects	No
	Quizzes	Yes
	Self Evaluations	Yes
	Simulations	Yes
	Videos of Student Mastery	No
Written Essays	Yes	
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.	From the Noel-Levitz student survey we added more hands-on exercising for Cat5e/Cat6 residential cabling. Added more patch panel hands-on activities. Added more fiber activities as we added 6 more fiber splicing equipment. Received a new cable locator and utilize the MTC field. Added BUS204 to address customer service training.

	Explain changes in the assessments used in your program since your last review (include input received and rationale)	Second year students continue perform industry equipment research assignments and present to the class. Then they train thier classmates on the equipment. They are also faced with network challenges and issues - giving them the real-world scenarios.
INDUSTRY CERTIFICATIONS	Explain any changes made or planned in the program based on assessment of industry certifications used in the program.	Continue to be members of the SCTE (Society of Cable Telecommunications Engineers). Jesse is certified as a NCTI (National Cable Television Institute).
INTERNSHIPS/CLINICALS	How do you evaluate program competencies or learning objectives during internship/externship experiences?	Industry supervisors complete an evaluation of the intern at the mid-way point and at the end of the internship.
	How do you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?	We moved WBT249 to spring semester of the 1st year for the students to be better prepared for the summer internship.
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.	13/24 = 54%, did not meet benchmark. Will focus on career fair visits, going to Wagner, Yankton and new this year to Marion.
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.	19/18 = 95% - met benchmark.
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.	11/10 = 91%, met benchmark.
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.	11/11 = 100%, met benchmark.
STUDENT SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Met benchmark.
ALUMNI SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Met benchmark. Based on the feedback we added more hands-on exercises for Cat5e/Cat6 cabling. Added more patch panel exercises. Added more fiber splicing exercises as we received 6 more fusion splicers. Received a new cable locator to add exercises at the MTC field. Added BUS204 to improve customer service training.
EMPLOYER SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Met benchmark, 100%
PROFESSIONAL DEVELOPMENT	What professional development activities have instructors in this program completed in the last year?	Mike completed On-Line classes for Eletrical Power Engineering and Basics of IP & Data Communications. Jesse attended the South Dakota Telecommunications Association Fall Outside Plant Workshop and focused on fiber optic connectivity.

	How were these activities used to improve this program?	Added information to the lecture classes. Identified proper fiber optic connectors to use for training.
PROFESSIONAL ORGANIZATIONS	Do faculty members belong to professional organizations associated with this program?	Yes
	If no, explain why.	
	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)?	Added BUS204 customer service class to better prepare students for the work force. Moved WBT249 Outside Plant Class to the spring semester of the 1st year students to better prepare them for the summer internship. Dropped the CCNA classes and add CIS130 Network Essentials to better align the program.
	Implementation Date	2021-08-23
	Indicate the personnel responsible for implementing the change(s):	Micahel Benjamin, Jesse Royston
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?	Fixed wireless continues to rolled out in the industry. Midco recommendations for fixed wireless equipment from RedLine \$37,326. Fiber Optic splice trailer modified to also be a wireless access point - \$28,900.
	Cost	\$66,266.00