

PROGRAM INFORMATION	Program	Wi-Fi & Broadband Technologies
	Submitted by:	Jesse Royston
	Year	2024-2025
	Date of Review	2025-01-10
	Form Key	6227a8b7-b9ba-40d7-8579-010bf50dd8d6
PROGRAM OUTCOMES	Explain how program outcomes were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	At the Spring '24 Advisory Board Meeting we introduced a new Advanced Fiber Optics Class WBT 260. This will be implemented in the 5th semester. Discussed the needs for an advanced fiber optics class. This was approved by the advisory board. At the Fall '24 Advisory Board Meeting we discussed and approved the course competencies for WBT 260.
	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.	At the Fall '24 Advisory Board Meeting we reviewed the syllabi for the new course WBT 260 that was added to the program.
PROGRAM COMPETENCIES	Explain how competencies were reviewed this year (i.e., input from advisory board, instructors, students, etc.) and changes made, if any:	At the Fall '24 Advisory Board Meeting we reviewed the syllabi for the new course WBT 260 that was added to the program.
	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	Yes
	Lab Demonstrations	Yes
	Oral Examinations/Presentations	Yes
	Other Projects	No
	Peer Evaluations	Yes
	Portfolio Projects	Yes
	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
	Explain changes in the assessments used in your program since your last review (include input received and rationale).	We again reviewed WBT251 Broadband Lab II – safety test/tools test PPE demonstration, WBT251 Results located in MyTEch, Past Courses, WBT251, Coursework, Unit 1, Tools Test. Class benchmark was 85%, advisory board approved an increase to 90%, which we met. Average score in Fall '24 was 92.3%. Benchmark met.
	Give examples of how assessments used in the program reflect higher-level thinking skills, such as applications, analysis, synthesis, and evaluation.	Students successfully complete a written exam showing the ability to identify tools and safety awareness. Students demonstrate the use of the safety equipment and the tools.
INDUSTRY CERTIFICATIONS	Explain any changes made or planned in the program based on assessment of industry certifications used in the program.	WBT 260 Advanced Fiber Optics is being added after instructor completed The Light Brigade's Certified Fiber to the Home Professional (CFHP) course.
INTERNSHIPS/ CLINICALS	How do you evaluate program competencies or learning objectives during internship/externship experiences?	WBT290 Internship Evaluations 3.0 average. On a scale of 1-5 on item H4 of the employer evaluation. (WBT290 Results located in MyTEch, Past Courses, WBT290, Coursework, unit 1, H4 Assessment). Class average benchmark is 3.0 - Summer 2024 the class average was 4.33. WBT290 Internship Evaluations 3.0 average. On a scale of 1-5 on item G3 of the employer evaluation. (WBT290 Results located in MyTEch, Past Courses, WBT290, Coursework, unit 1, G3 Assessment). Class average benchmark is 3.0 average. Summer 2024 the class average was 4.15. Benchmark met.

	As you reviewed results of internship/externship evaluations, what curriculum changes were made or are planned in your program?	The past 5 summers the class average was been in the 4.0 range. We will discuss with spring advisory board at the possibility of increasing the benchmark higher than 3.0 in both H4 and G3 evaluations.
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.	Count is 14, Cap is 24 = 58%. Does not meet benchmark. Advertising has increased for the program - Billboards on the interstate and a digital billboard in Rapid City highlighting the program. The program was donated a new fiber optic splicing trailer. Advertising has been placed on the trailer to highlight the program. The trailer is taken to career fairs and parades. A new program video was completed in the Fall '24. In the process of completing a 30 second advertisement to air on local television stations.
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.	Last year 20, Returned 19 = 95%. Benchmark met.
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.	Exited 9, Graduated 9 = 100%, Benchmark met
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.	2023 - 10 in labor pool, 9 employed in = 90%, \$26.45. No data for 2024
STUDENT SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	No gaps exceeding 1.0. Highest gap is .56. Benchmark met.
ALUMNI SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Alumni survey shows satisfaction at 100%. Benchmark met.

EMPLOYER SATISFACTION	If this benchmark is not met, what strategy or strategies will be implemented to address this measure?	Employer satisfaction survey shows 100% satisfaction. Benchmark met.
PROFESSIONAL DEVELOPMENT	What professional development activities have instructors in this program completed in the last year?	Jesse completed Certified Fiber to the Home Professional Training. Cost of \$380. Membership to Society Of Cable Telecommunications Engineers. Cost of \$105. Hands-on training with SCTE for Ribbon fiber break-out and splicing.
	How were these activities used to improve this program?	Activities are used to develop and instruct a new Advanced Fiber Optics (WBT 260) course. Fiber training necessary to keep instructors current in the technology.
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
ADVISORY BOARD RECOMMENDATIONS	What changes were or will be made to this program based on feedback provided at the past year's advisory board meeting(s)?	At the Spring '24 Advisory Board Meeting we introduced a new Advanced Fiber Optics Class WBT 260. This will be implemented in the 5th semester. Discussed the needs for an advanced fiber optics class. This was approved by the advisory board. At the Fall '24 Advisory Board Meeting we discussed and approved the course competencies for WBT 260.
	Implementation Date	2025-01-10
	Indicate the personnel responsible for implementing the change(s):	Michael 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?	WBT 260 will be introduced in the Spring '25 semester. Upon the completion of the course, we will conduct a thorough reassessment to evaluate whether additional resources are necessary to enhance the learning experience and support for this course. This proactive approach ensures that we remain committed to providing quality education and meeting the needs of our students effectively.
	Cost	N/A