



MITCHELL TECH

Wi-Fi & Broadband Technologies

- One-year diploma or two-year AAS degree option
- Learn the fundamentals and applications of digital communications
- Hands-on fiber optic training, gaining practical experience in fiber installation, splicing, testing, troubleshooting, and network infrastructure
- Focus on design, installation, repair and maintenance of broadband networks and equipment
- Combination of classroom and hands-on applications in the lab and in the field with industry professionals
- Excellent starting wages



JOB PLACEMENT RATE: 100%*
TUITION/FEES/LAPTOP: \$19,860
Book costs not included.

*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2025, 12 of the 12 graduates are represented in the data. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

GET READY



605.995.3025
mitchelltech.edu

Award: Diploma

First Semester (Fall)		Semester Credits
EC	105	Data Cabling3
EC	112	Electrical Circuits3
WBT	100	Introduction to Broadband2
CIS	105	Introduction to Computers3
MATH	162	Digital Math3
SSS	100	Student Success1
		Communications Elective3
		18

Second Semester (Spring)		Semester Credits
BUS	204	Customer Service3
PAT	102	Principles of GPS/GIS.....2
WBT	151	Broadband Lab I.3
WBT	211	Wi-Fi & Wireless Technologies.....3
WBT	249	Outside Plant3
WBT	260	Advanced Fiber Optics.....3
		17

Total Credits Required to Graduate: 35

Award: AAS Degree

Third Semester (Summer)		Semester Credits
WBT	290	Internship6

Fourth Semester (Fall)		Semester Credits
CIS	167	IT Essentials3
WBT	120	Video Distribution Technologies3
WBT	210	Voice Over Internet Protocol (VoIP)3
WBT	251	Broadband Lab II4
		General Education Elective3
		16

Fifth Semester (Spring)		Semester Credits
EC	113	Electronic Theory.....3
WBT	156	Information Security.....2
WBT	246	Central Office Transport3
WBT	257	Broadband Lab III5
WBT	267	Network Essentials II3
		16

Total Credits Required to Graduate: 73