MITCHELL TECH

Wi-Fi and Broadband Technologies

- Learn the fundamentals and applications of digital communications
- Instruction in areas like digital, broadband, video distribution, VoIP, and GPS
- 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: $19,292
Book and tool costs not included.

**Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2024, 9 of the 9 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: AAS Degree

First Semester			Semester Credits
CIS	167	IT Essentials	3
EC	105	Data Cabling	3
EC	112	Electrical Circuits	3
WBT	100	Introduction to Broadband	2
WBT	156	Information Security	3
MATH	162	Digital Math	3
SSS	100	Student Success	1
			18

Second Semester			Semester Credits
EC	113	Electronic Theory	3
WBT	151	Broadband Lab I	3
WBT	211	Wi-Fi & Wireless Technologies	3
WBT	249	Outside Plant	3
PAT	102	Principles of GPS/GIS	2
		Communications Elective	3
			17

Third Semester (Summer)			Semester Credits
WBT	290	Internship	6

Fourth Semester			Semester Credits
WBT	120	Video Distribution Technologies	3
WBT	210	Voice Over Internet Protocol (VoIP)	3
WBT	251	Broadband Lab II	4
WBT	267	Network Essentials II	3
		Behavioral Science Elective	3
			16

Fifth Semester			Semester Credits
BUS	204	Customer Service	3
WBT	246	Central Office Transport	3
WBT	257	Broadband Lab III	5
WBT	260	Advanced Fiber Optics	3
		General Education Elective	3
			17

Total Credits Required to Graduate: 74

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