



MITCHELLTECH

Wi-Fi and Broadband Technologies

- Learn the fundamentals and applications of digital communications
- Instruction in areas like digital, broad-band, 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: \$18,169
Book and tool costs extra.

*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2023, 11 of the 11 graduates are represented in the data. Employment rate is figured by: (graduates employed)/(responding graduates who are seeking employment).

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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
IST	156	Information Security I..... 2
MATH	162	Digital Math..... 3
WBT	100	Introduction to Broadband..... 2
SSS	100	Student Success..... 1
		17

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
CIS	130	Networking Essentials..... 3
WBT	120	Video Distribution Technologies..... 3
WBT	210	Voice Over Internet Protocol (VoIP)..... 3
WBT	251	Broadband Lab II..... 4
		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: 73



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