



MITCHELLTECH

Electrical Utilities & Substation Technology

- South Dakota's only substation program
- Install, inspect, test, repair, and maintain electrical equipment in substations and other 'smart' equipment on the power grid
- Learn critical skills in transformers, relays, and control systems in the on-campus substation lab
- Program open to Power Line, Electrical Construction & Maintenance, and Wind Turbine Technology graduates
- Great job opportunities



JOB PLACEMENT RATE: 100%*

TUITION/FEES: \$10,821

Book, CDL, 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, 18 of the 18 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
EUST	110	Basic Motor Controls..... 2
EUST	114	Substation Operations Lab I 4
EUST	120	Substation Operations I 3
EUST	132	Schematic Reading 2
EUST	145	Alternating Current Circuits..... 2
EUST	150	Substation Safety I.....1
TRAN	100	Industrial Transportation/CDL1
		15

Second Semester		Semester Credits
EUST	115	Substation Operations Lab II..... 4
EUST	121	Substation Operations II..... 3
EUST	130	Intro to Smart Grid & Metering..... 2
EUST	131	Fiber Optics for Substations..... 2
EUST	151	Substation Safety II1
		12

In addition to the technical courses required in the program, the student seeking an AAS degree must also complete:

CIS	105	Introduction to Computers..... 3
		Math Elective..... 3
		Communications Elective..... 3
		Behavioral Science Elective 3
		Social Science Elective..... 3

Total Credits Required to Graduate: Diploma or Certificate from an accredited institution (minimum 25 credits) plus 27 technical credits from Mitchell Tech and 15 general education credits to earn the AAS degree

Total Credits Required to Graduate: 67



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