

THE ASPEN INSTITUTE

**ASPEN
PRIZE**

FOR COMMUNITY
COLLEGE EXCELLENCE

TOP 10

2019

MT

Be The Best!

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
- Substation lab and equipment located conveniently on campus
- Program open to Electrical Construction & Maintenance, Wind Turbine Technology or Power Line graduates
- Great job opportunities
- No difference between in-state, out-of-state tuition rates

JOB PLACEMENT RATE: 100%*

TUITION/FEEES: Costs factored according to individual educational plans

*Placement data is gathered through graduate surveys, faculty-collected data, and phone surveys started after six months of graduation. In 2017, 10 of the 12 graduates responded to the survey. Employment/ Continuing Education rate is figured by: (graduates employed or continuing education)/(responding graduates who are seeking employment and are not in military service).



Mitchell Technical Institute
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Award: AAS Degree

First Semester			Semester Credits
EUST	110	Intro to 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/CDL	1
			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	142	Substation Communications Technology	2
EUST	151	Substation Safety II	1
			14

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 29 technical credits from MTI and 15 general education credits to earn the AAS degree



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