

Southeast Tech
Electrician and Welding Programs Overview
EXECUTIVE SUMMARY

Purpose:

To provide the School Board information about the Electrician and Welding programs at Southeast Tech.

The presentation will provide the School Board information about the Electrician and Welding programs at Southeast Tech, and introduce the principals involved. The information shared will include data on the faculty, students and graduates of Southeast Tech, program details, student demographics and career/employer information.

Administrative Recommendation to School Board:

To acknowledge the Southeast Tech programs Overview Report.

SOUTHEAST TECH

Welding & Electrician Departments

Report to Sioux Falls School Board

Electrician Program

- New Program-Started Fall 2015
- 2 Year AAS Degree
- 2,000 Hours towards Journeyman upon completion
 - 8,000 Hours required to take the SD Journeyman Exam



Electrician Program Curriculum

- Foundation
 - Fundamentals of Electricity, Blueprint Reading, National Electrical Code-*NEC*
- Wiring Essentials
 - Residential, Commercial, Industrial
- Control
 - Motor Controls, Programmable Logic Controller-*PLC*, Building Automation
- Safety
 - NFPA 70E
 - First Aid/CPR
 - OSHA 10

Electrician Instructor-Lindsey Whalen

- Diploma-Construction Electrician from Minnesota West
- B.B.A. University of South Dakota-Beacom School of Business
- Master Electrician
 - State of South Dakota-Electrical Contractor
 - City of Sioux Falls-Electrical Contractor
 - Class A Journeyman-State of Minnesota
- SFSD Operational Services 2012
- Started the SE Tech Electrician Program in April 2015



Electrician Instructor-Mike Bezdichek

- AAS degree-Electrical Construction and Maintenance from Mitchell Technical Institute
- South Dakota Electrical Contractor License
- North Dakota Master Electrician License



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TECH**

Enrollment

- Class Capacity 24 students
- Current Student Numbers
 - 1st year- 22
 - 2nd year-18
- As of December 1st 2017, the program is full for the Fall 2018 semester

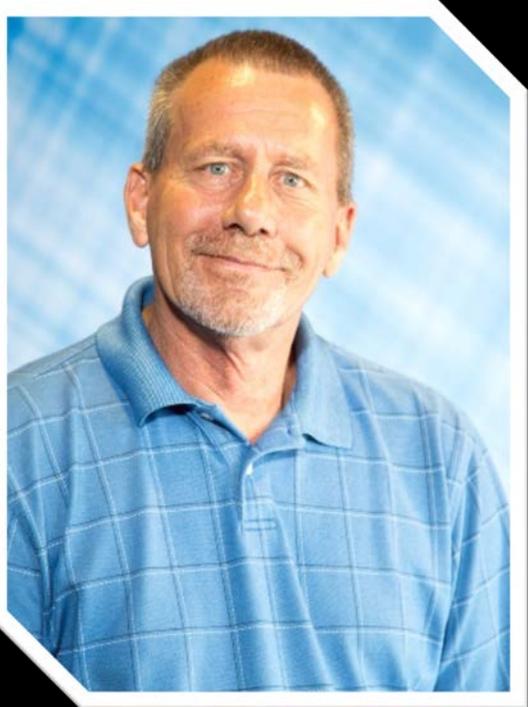
Careers and Salary

- Residential, Commercial, Industrial, Agricultural, Maintenance, Service, and Automated Services
- Jobs available locally, as well as across the nation and Internationally.
- Graduates- Average \$18/hour
- Journeyman- Average \$26-\$30/hour
- Top Electricians across the U.S. \$100,000-\$200,000 annually

Welding Team

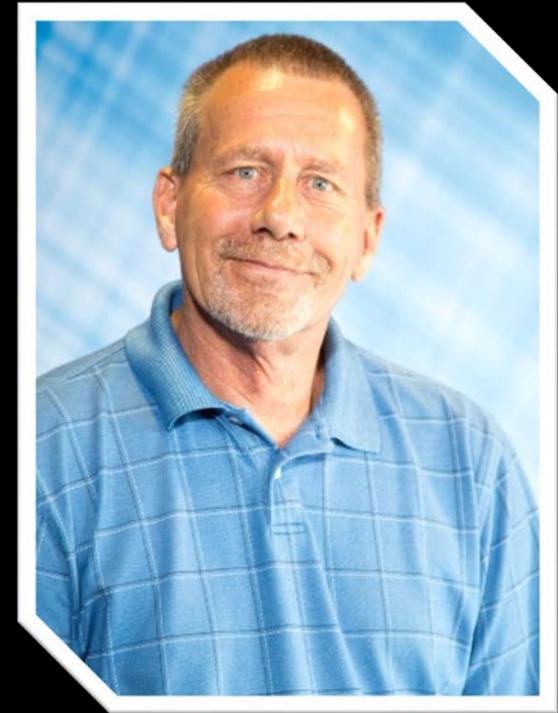
- Welding Program

- Terry Schneider, Instructor, CWI/CWE, AWS Certified Welder
- Shaina Johnson, Instructor, AWS Certified Welder
- Clinton Mack, Lab Specialist, AWS Certified Welder



Accredited Test Facility through AWS

CWI on staff > test students & outside industry



**AMERICAN WELDING
SOCIETY**

By Authority of the Board of Directors

Southeast Technical Institute

**is hereby certified and designated as
EDUCATIONAL INSTITUTION MEMBER
and entitled to all privileges thereof
April 1, 1996**

Edward L. Johnson
PRESIDENT

F. DeFaurie
EXECUTIVE DIRECTOR

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Welding Program

Diploma

- Welding & Cutting Processes
 - SMAW, GMAW, FCAW, GTAW, PAC, OAC, & CAC-A
- Metallurgy
- Discontinuities & Defects
- Welding Blueprints & Symbols
- Gen. Eds.
 - English
 - Math
 - Computers
 - Student Success

Certificate

- Welding & Cutting Processes
 - SMAW, GMAW, FCAW, GTAW, PAC, OAC, & CAC-A

***No matter the route, students get the chance to become an AWS Certified Welder*

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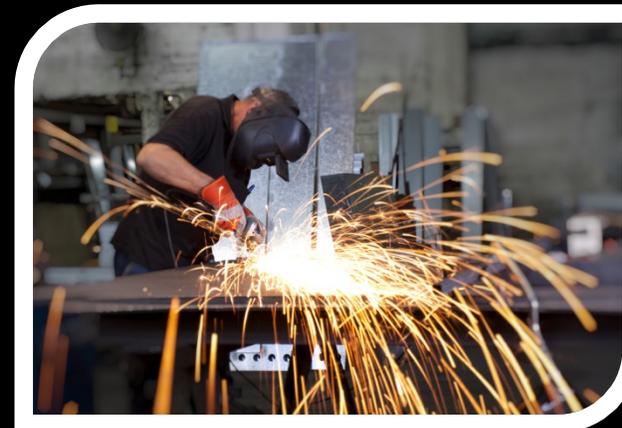
**SOUTHEAST
TECH**

- Manufacturing
- Construction
- Pipeline
- Repair

OR

- Certified Welding Inspectors
- Certified Welding Educators
- Non Destructive Testing
- Welding Engineers

Our Careers



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Welding Data

- Job Placement: 100%
- Salary: Average \$17/hour
- Enrollment: +34
- Retention: +63%
- Graduation Rates: 31/34

Thank You