



South Dakota High Demand & High Wage Career

Career Cluster: Construction



Electricians

Standard Occupational Code 47-2111

What They Do

Install, maintain, and repair electrical power, communications, lighting, and control systems in homes, businesses, and factories. They may install or service anything with electrical power, ranging from an outlet in a home to the entire electrical system of a large industrial business. They must follow relevant codes.

Is This For You?

Work Interests are described in the following categories (compatible with Holland's Model). People who tend to succeed in this career are:

Realistic (Doers) — Prefer to work with objects, things, machines, tools, plants or animals. They have mechanical ability, enjoy being outdoors and working with their hands.

Conventional (Organizers) — Detail oriented and organized. They like to analyze data, keep financial records and do research. They can be counted on to be accurate and enjoy structure and closure.

Work Styles (personality tendencies) of people who perform well in this occupation are:

Cautiousness — A tendency to be careful, deliberate, and risk-avoidant when making work-related decisions or doing work.

Attention to Detail — A tendency to be detail-oriented, organized, and thorough in completing work.

Dependability — A tendency to be reliable, responsible, and consistent in meeting work-related obligations.

Abilities reflect a person's aptitude to acquire skills and knowledge. The following abilities are important for success in the career.

- Near Vision
- Problem Sensitivity
- Deductive Reasoning
- Inductive Reasoning
- Finger Dexterity
- Information Ordering

Work Activities

- Performing General Physical Activities
- Communicating with Supervisors, Peers, or Subordinates
- Organizing, Planning, and Prioritizing Work

Education & Training

Some postsecondary education in an electrician program is recommended for this occupation. A registered apprenticeship is another option for preparing for this occupation. To learn more, visit StartTodaySD.com or contact your local Job Service office to get started.

Electricians in South Dakota must be licensed by the South Dakota Electrical Commission. For more information, visit dlr.sd.gov/electrical.

Recommended Levels* for the National Career Readiness Certificate

Applied Math	4
Workplace Documents	5
Graphic Literacy	5

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of electricians are:

- Specialty Trade Contractors
- Self Employment
- Construction of Buildings
- Utilities
- Local Government, Excluding Education and Hospitals

South Dakota Employment & Wages

2024 Employment	2034 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
3,092	3,577	485	15.7%	333	\$61,390	\$61,980

Additional References

Labor Market Information Center
www.dlr.sd.gov/lmic

Career OneStop
www.careeronestop.org

O*Net Online
www.onetonline.org

mySkills myFuture
<https://www.myskillsmyfuture.org/>

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