

Top
30
to
30

South Dakota
High Demand & High Wage Career

Career Cluster:
Architecture & 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.

Investigative (Thinkers) — Interested in science and logic. They like to analyze, evaluate and solve problems, and enjoy learning and understanding the causes of events.

Work Values are aspects of work that are satisfying to you. The following work values are generally associated with this career.

Independence — Work on their own and make decisions.

Support — Offer supportive management that stands behind employees.

Achievement — Results oriented and allow employees to use their strongest abilities, giving them a feeling of accomplishment.

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

- Problem Sensitivity
- Deductive Reasoning
- Inductive Reasoning
- Near Vision
- Oral Comprehension
- Visual Color Discrimination

Basic Skills You Need

- Troubleshooting
- Repairing
- Active Listening
- Critical Thinking

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 <http://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:

- Self Employment
- Utilities
- Local Government

South Dakota Employment & Wages

2020 Workers	2030 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Annual Median Wage	Annual Average Wage
2,495	2,835	340	13.6%	307	\$48,374	\$51,763

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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