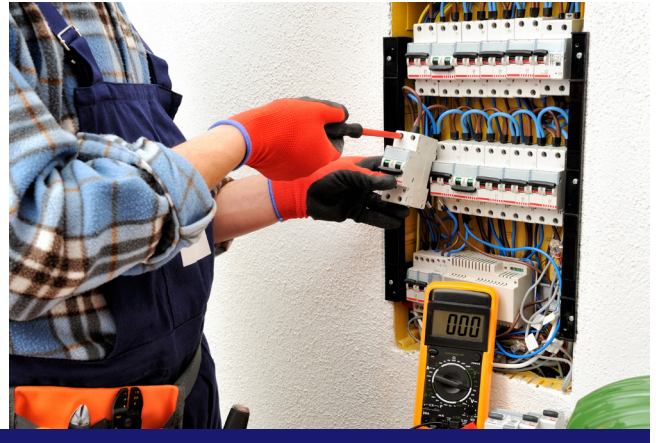




South Dakota High Demand & High Wage Career

Career Cluster:
Architecture & Construction



Electricians

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.

Standard Occupational Code 47-2111

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.

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

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:

- Building Equipment Contractors
- Self Employment
- Local Government
- Utility System Construction

South Dakota Employment & Wages

2022 Employment	2032 Employment	Numeric Change	Percent Change	Average Annual Openings	Annual Median Wage	Annual Average Wage
2,523	2,935	412	16.3%	279	\$58,550	\$57,660

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/>

Auxiliary aids and services are available upon request to individuals with disabilities. U.S. DOL funded. For details, see dlr.sd.gov/lmic/eta_grant.aspx.

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