

More South Dakota Hot Careers

Beyond the
Top **30**



High Demand & High Wage Career

**Career Cluster: Transportation,
Distribution & Logistics**

Bus and Truck Mechanics and Diesel Engine Specialists

Standard Occupational Code 49-3031

What They Do

Diagnose, adjust, repair or overhaul buses and trucks, or maintain and repair any type of diesel engines. Includes mechanics working primarily with automobile or marine diesel engines.

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

Support — Offer supportive management that stands behind employees.

Relationships — Allow employees to provide service to others and work with co-workers in a friendly non-competitive environment.

Achievement — Satisfy this work value are 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
- Finger Dexterity
- Manual Dexterity
- Problem Sensitivity
- Arm-Hand Steadiness

Basic Skills You Need

- Repairing
- Troubleshooting
- Operation and Control
- Operations Monitoring
- Critical Thinking
- Equipment Maintenance
- Quality Control Analysis

Education & Training

Some postsecondary education in a diesel mechanics or related program, including hands-on training with current technology, is recommended for bus and truck mechanics and diesel engine specialists.

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.

South Dakota Employment & Wages

2020 Workers	2030 Workers	Numeric Change	Percent Change	Average Annual Demand for Workers	Annual Median Wage	Annual Average Wage
1,080	1,176	96	8.9%	112	\$47,991	\$51,125

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/>

Recommended Levels* for the National Career Readiness Certificate

Applied Math	3
Workplace Documents	4
Graphic Literacy	4

*Using the median skill level.

Where They Work

The South Dakota industries which employ the largest number of bus and truck mechanics and diesel engine specialists are:

- Repair and Maintenance Services
- Merchant Wholesalers, Durable Goods
- Truck Transportation
- Self Employment
- Educational Services

Provided By

Labor Market Information Center
SD Department of Labor & Regulation
605.626.2314

Visit dlr.sd.gov/hotcareers to obtain the most recent workforce data and trends and more resources, including this document. Also available are explanations of the terms used in this occupational profile.

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