

Southeast Tech
2019 Legislative Update
EXECUTIVE SUMMARY

Purpose:

To provide the School Board a 2019 Legislative Update.

Executor Director of the State Board of Technical Education, Nick Wendell, will provide an overview for the School Board of the South Dakota Technical Institute's efforts to increase our state's workforce. He will also discuss current legislation that is being introduced in Pierre that impacts the State's four technical institutes.

Administrative Recommendation to School Board:

To acknowledge the 2019 Legislative Update Report.

SUCCESSFULLY PREPARING A WORKFORCE FOR THE FUTURE OF SOUTH DAKOTA

Senate Education Committee | 1.29.19



South Dakota Board of
Technical Education



**SOUTHEAST
TECH**



The South Dakota Board of Technical Education is charged with advancing the **mission** and **identity** of technical education in the state of South Dakota.

BOARD MISSION

To provide a high-quality technical education system that promotes student success, meets the needs of industry and develops a workforce prepared to serve the state of South Dakota.



February 2017
SB-65 passes and
establishes the Board
of Technical Education

BOARD MEMBERS

Dana Dykhouse First Premier Bank | Sioux Falls (Chair)

Bob Faehn KXLG Radio | Watertown (Vice-Chair)

Terry Sabers Muth Electric | Mitchell (Secretary)

Rod Bowar Kennebec Telephone Company, Inc. | Kennebec

Doug Ekeren Avera Sacred Heart Hospital | Yankton

Scott Knuppe Caterpillar | Rapid City

Ed Mallett CHS, Inc. | Watertown

Scott Peterson Scott Peterson Motors | Belle Fourche

Diana VanderWoude Sanford Health | Sioux Falls



February 2017
SB-65 passes and establishes the Board of Technical Education

July 2017
A nine-member board is appointed and convenes for the first time.

July 2018
Three members were re-appointed to their second terms.

TECHNICAL INSTITUTES

*2018-19 estimated FTE



Rapid City, SD
President Ann Bolman
834 FTE Enrollment



Watertown, SD
President Michael Cartney
2,000 FTE Enrollment



Sioux Falls, SD
President Robert Griggs
1,915 FTE Enrollment



Mitchell, SD
President Mark Wilson
1,142 FTE Enrollment



RECENT RECOGNITION



Best State Community College System (2017, 2018)

Considers cost and financing, education outcomes, and career outcomes.



Aspen Prize for Community College Excellence

Evaluated in four domains, including; completion and transfer, labor market, learning, and equity.

> **Lake Area Technical Institute, Winner (2017)**

> **Mitchell Technical Institute, Finalist (2019)**

> **Southeast Technical Institute, First time nominated (2019)**



Military Friendly Schools Designation

Recognizes institutions that provide a high-level of support and services to those from the military community.



BY THE NUMBERS

South Dakota's Technical Institute system is strengthening and increasing the state's workforce in a variety of ways.

6,800+

students educated in the technical institute system each year.

2,300+

approximate number of individuals infused into the workforce each year.

1,200

or more industry experts helping guide curriculum and build programs.

>84

percent of responding graduates that remained in South Dakota to fill high-tech, high-need careers or to continue their education.

>97

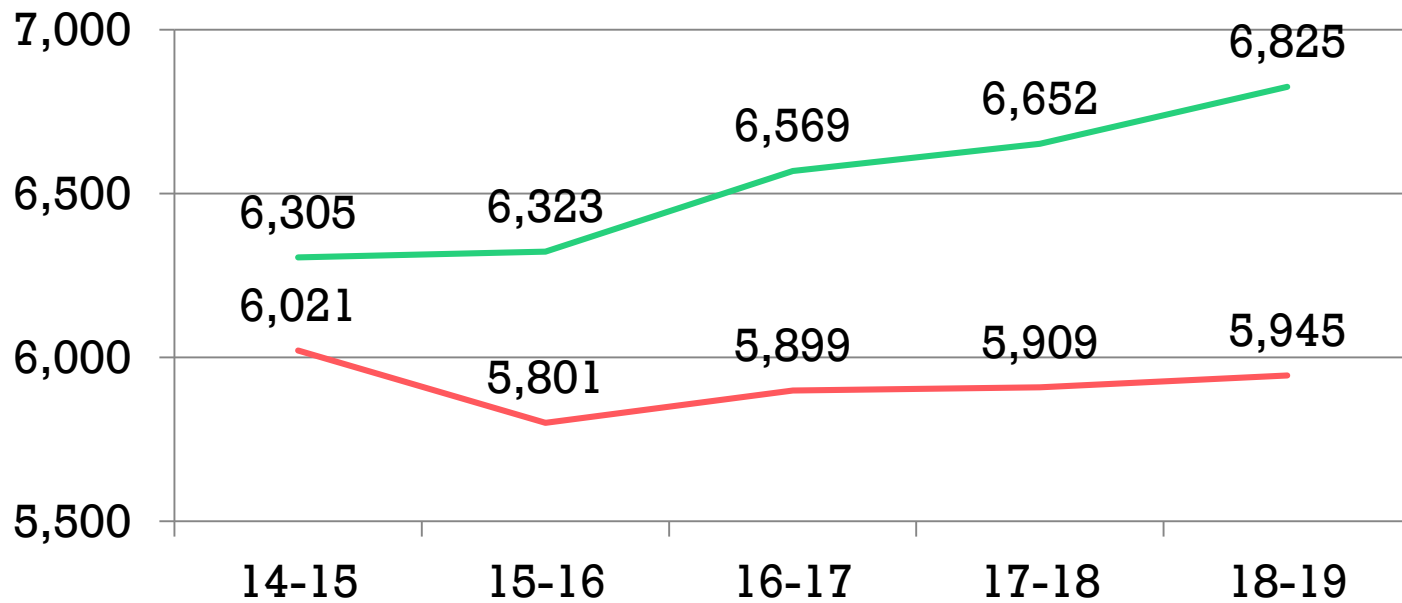
percent of responding graduates that are employed, continuing their education or serving in the military.





ENROLLMENT

The graph below outlines enrollment across the technical institute system. The **green** line tracks total enrollment, while the **red** line tracks enrollment without dual-credit students.



Total Unduplicated Enrollment

Unduplicated Enrollment without Dual-Credit



ENROLLMENT

The table below breaks down total enrollment since fall 2014. The table also highlights enrollment **goals** for the 2019-20 academic year, which includes a 1% increase in non dual-credit students.

	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20
Full-time/Part-time	6,021	5,810	5,899	5,909	5,945	6,004
Dual-Credit	284	513	670	743	880	1,012
Total	6,305	6,323	6,569	6,652	6,825	7,016

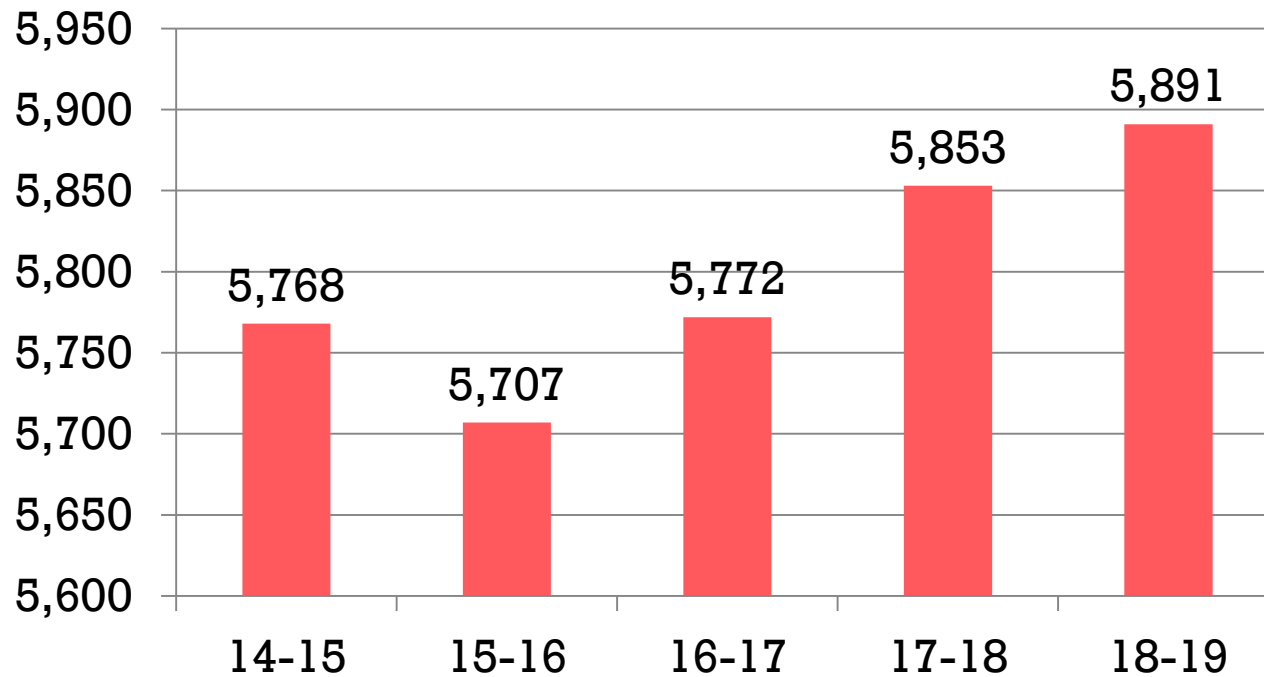
Source Enrollment Report (2018)





FULL-TIME EQUIVALENT | SYSTEM

The chart below outlines the system's **full-time equivalent** (30 credit hours/academic year) count since fall 2014.



Source Appendix A (2018)





FULL-TIME EQUIVALENT | BY INSTITUTION

The total full-time equivalent count is estimated at **5,891** for the 2018-19 academic year. The table below provides FTE counts by institution since fall 2014. The table also outlines the system **goal**, which includes 1% growth in FTEs in the 2019-20 academic year.

	2014-15	2015-16	2016-17	2017-18	Est. 2018-19	2019-20
LATI	1,754	1,880	1,962	1,947	2,000	2,020
MTI	1,203	1,161	1,157	1,116	1,142	1,153
STI	2,047	1,903	1,859	1,958	1,915	1,934
WDT	764	763	794	832	834	842
Total	5,768	5,707	5,772	5,853	5,891	5,949

Source Appendix A (2018)





RETENTION | SYSTEM

The table below outlines the increasing **retention rate** of South Dakota's technical institute system and highlights the system's **goal** of maintaining or slightly improving the retention rate.

	2014	2015	2016	2017	2018	2019
System	76%	77%	77%	78%	78%	78.5%

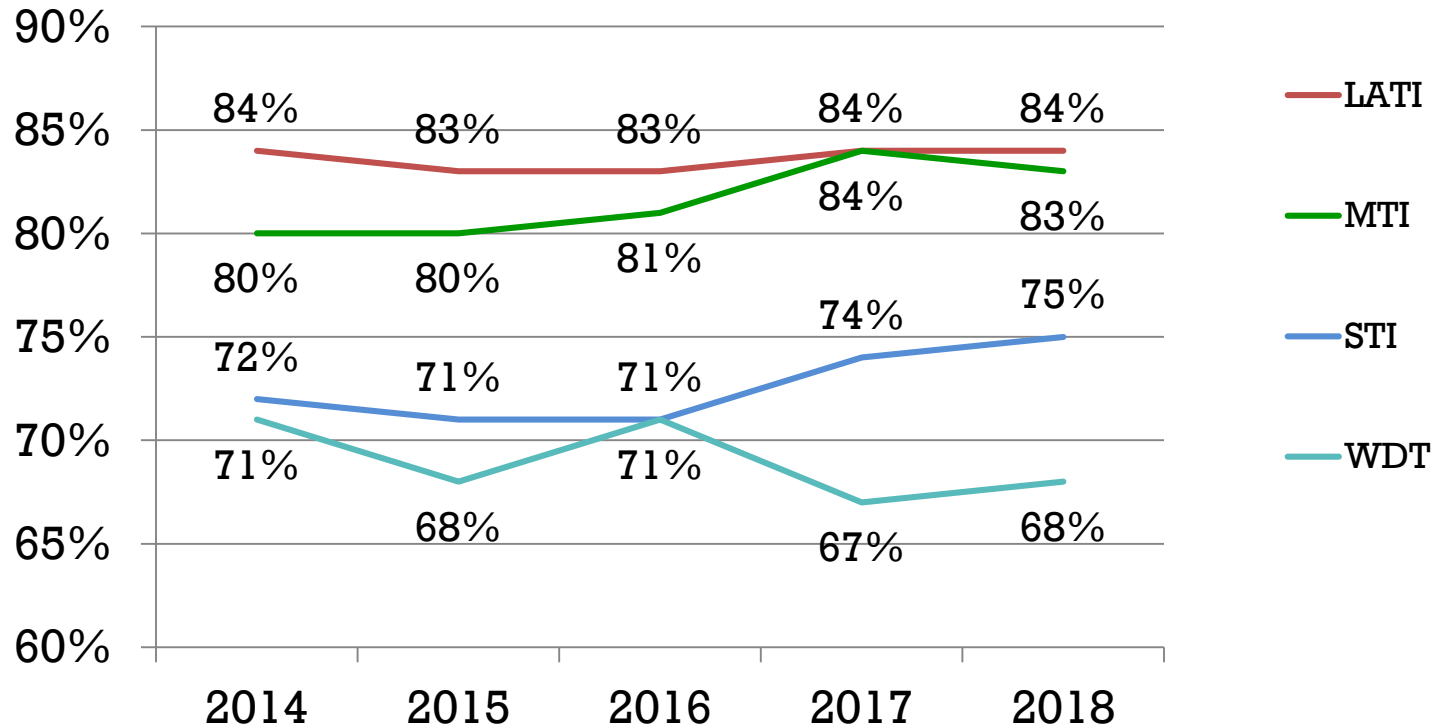
Source Retention Report (2018)





RETENTION | BY INSTITUTION

The graph below depicts the **retention rates** at each of the technical institutes in South Dakota.



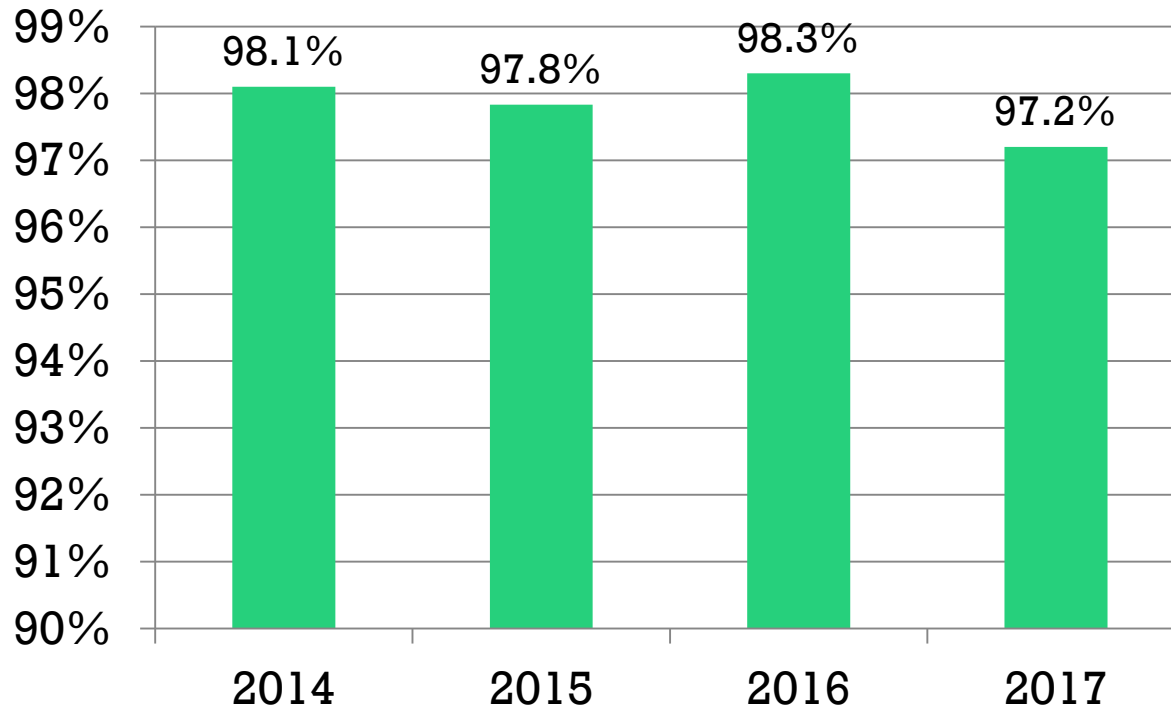
Source Retention Report (2018)





GRADUATE OUTCOMES

The chart below outlines the **placement rate** for the technical institute system. The rate includes those who are employed, continuing education or entering the military. Data is collected **six months** following graduation. The response rate in 2017 was **90.92%**.



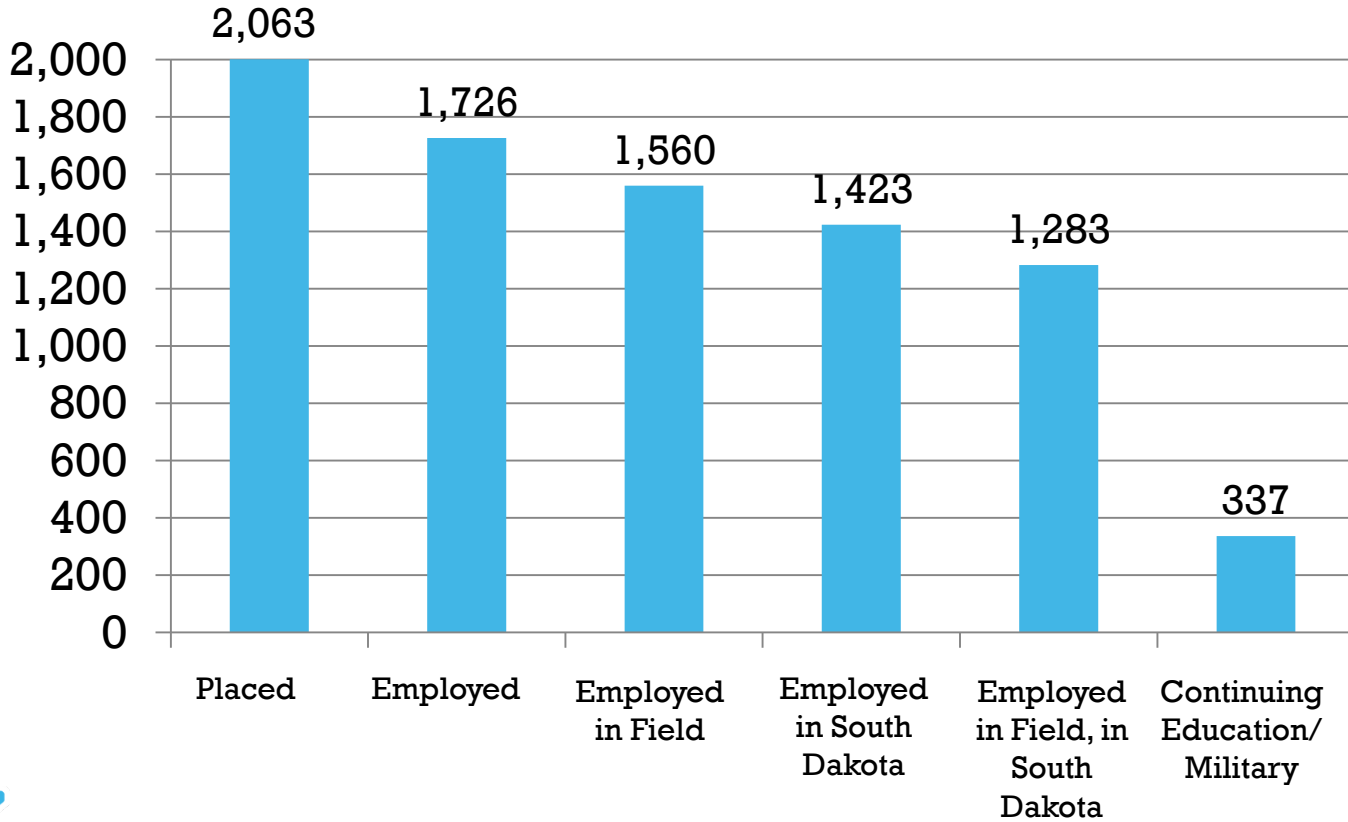
Source Graduate Outcomes Report (2018)





GRADUATE OUTCOMES | DETAILS

The chart below provides a breakdown of the overall placement rate, including those employed in **South Dakota**.



Source Graduate Outcomes Report (2018)





INSTRUCTOR SALARY SUPPORT

In 2016, HB-1182 provided **three million dollars** to increase instructor salaries, to competitive levels, at each postsecondary technical institute. That allocation was increased to \$3,030,000 for FY19. The table below outlines the distribution across the system during the first two years of funding.

	FY17	FY18
LATI	\$1,228,387.86	\$1,308,497.77
MTI	\$873,183.52	\$823,002.94
STI	\$118,299.61	\$124,530.00
WDT	\$615,737.21	\$707,141.60
Total	\$2,835,608.00	\$2,963,172.31

The FY20 budget includes an additional \$75,750 (2.5% increase), bringing the total instructor salary support appropriation to \$3,105,750.





MAINTENANCE & REPAIR FUNDING

The technical institute system has developed a **multi-year plan** to address maintenance and repair (M&R) needs. The table below outlines the distribution of the FY19 appropriation.

	FY19	Sq. Ft.
LATI	\$54,592	357,221 ft ²
MTI	\$48,486	317,261 ft ²
STI	\$74,790	489,380 ft ²
WDT	\$45,807	299,737 ft ²
Total	\$223,675	1,463,599 ft ²

The FY20 budget includes an additional \$281,428, bringing the total M&R appropriation to \$505,103.



INSTITUTION HIGHLIGHTS

Lake Area Technical Institute
Mitchell Technical Institute
Southeast Technical Institute
Western Dakota Technical Institute



LAKE AREA TECHNICAL INSTITUTE

President Michael Cartney • Watertown, SD

ACADEMIC PROGRAM HIGHLIGHTS

Agriculture

Precision Ag Lab Grant from Cenex Harvest States (CHS) Foundation and 2017 Governor's Ag Ambassadors Award

Enrollment 295 students

Placement 99%

Starting Wage \$19.04/hour

Electronics Systems Technology/Robotics

Cooperative Robot Grant partnership with South Dakota Manufacturing and Technology Solutions

Enrollment 83 students

Placement 100%

Starting Wage \$24.47/hour



ACADEMIC PROGRAM HIGHLIGHTS (continued)

Diesel Technology

Think Big partnership with Butler Caterpillar

Enrollment 167 students

Placement 100%

Starting Wage \$19.85/hour

ADDITIONAL HIGHLIGHTS

Prairie Lakes Healthcare Center of Learning

Private industry contributions and state support create additional capacity in high-demand programs. The facility includes new renovated space.



MITCHELL TECHNICAL INSTITUTE

President Mark Wilson • Mitchell, SD

ACADEMIC PROGRAM HIGHLIGHTS

Electrical Construction & Maintenance

Great pathway to other high-wage and in-demand careers, 23 Build Dakota scholars

Enrollment 90+ students

Placement 100%

Starting Wage \$17.01/hour

SCADA/Automation Controls

High-demand and high-wage program,
10 Build Dakota scholars

Enrollment

Placement 100%

Starting Wage \$24.28/hour



ACADEMIC PROGRAM HIGHLIGHTS (continued)

Electrical Utilities Substation (EUST)

Option for Power Line and ECM students with significant wage increase after one year of training

Enrollment

Placement 100%

Starting Wage \$28.38/hour

ADDITIONAL HIGHLIGHTS

Top Ten Finalist for Aspen Prize for Community College Excellence

Ten finalists selected every two years among 1,200 community colleges across the nation, based on student learning, completion and employment

Winner announced on April 2, 2019 in Washington, D.C.



SOUTHEAST TECHNICAL INSTITUTE

President Robert Griggs • Sioux Falls, SD

ACADEMIC PROGRAM HIGHLIGHTS

Licensed Practical Nursing

Adjusting program to provide a variety of options and increase student access (day, evening, part-time options)

Enrollment 209 students (23% increase since 2013)

Placement 98%

Starting Wage \$16.66

2018 NCLEX-PN 100% pass rate (86 out of 86)

Registered Nursing

Huron Regional Medical Center partnership addresses nursing needs in rural areas

Enrollment 23 students accepted in each cohort

Placement 100%

Starting Wage \$24.28

Accredited by ACEN - Accreditation Commission for Education in Nursing



ACADEMIC PROGRAM HIGHLIGHTS (continued)

Electrician

Launched in 2015, the program continues to expand and industry partnerships strengthen

Enrollment 43 students (87% increase from start)

Placement 98%

Starting Wage \$14.13

Computer Programming

Launched in 2013, the program continues to grow

Enrollment 107 students (up 35% since start)

Placement 100%

Starting Wage \$16.83

ADDITIONAL HIGHLIGHTS

Capital Campaign Launched

Southeast Tech NOW Campaign has a goal of \$6.2 million. Over \$3.1 million has been pledged to date.

The majority of funds will be directed to grow programs driven by industry demand.



WESTERN DAKOTA TECHNICAL INSTITUTE

President Ann Bolman • Rapid City, SD

ACADEMIC PROGRAM HIGHLIGHTS

Licensed Practical Nursing

Great pathway to other high-wage and in-demand careers, 23 Build Dakota scholars

Enrollment 116 students

Placement 100%

Starting Wage

Electrical Trades

Student team won national competition for automated aquaponics project, strong industry and community support

Enrollment 42 students

Placement

Starting Wage



ACADEMIC PROGRAM HIGHLIGHTS (continued)

Environmental Engineering Technician

New program director updating curriculum to align with industry and community needs

Enrollment 28 students

Placement

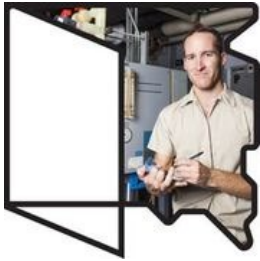
Starting Wage

ADDITIONAL HIGHLIGHTS

Great Colleges to Work For Honor Roll

Based on feedback from faculty and staff, WDT ranked highly in Collaborative Governance, Compensation and Benefits, Job Satisfaction, Respect and Appreciation, and Supervisor/Department Chair Relationship.





BUILD DAKOTA SCHOLARSHIP PROGRAM

The Build Dakota Scholarship Program was launched in the fall of 2015 and is now in academic year four.

Cohort One 2015-16

298

Recipients

78%

Retention Rate

23

Industry Partners

Cohort Two 2016-17

297

Recipients

85%

Retention Rate

63

Industry Partners

Cohort Three 2017-18

286

Recipients

97%

Retention Rate

90

Industry Partners

Cohort Four 2018-19

346

Recipients

216

Industry Partners

Source Build Dakota Annual Report (2018)



THANK YOU

The technical institute system in South Dakota could not be regarded as among the best in the country without your leadership and support.

M&R FUNDING

to continue a multi-year plan to partner is supporting the ongoing maintenance of our vitally important learning environments.

INSTRUCTOR SALARY SUPPORT

To encourage the recruitment and retention of high-caliber faculty who build and sustain high-quality programs.

WORKFORCE FOCUS

as a priority and the unique way technical education can address the need.

