

2018 South Dakota Technical Institute System Accountability Report

Government Oversight and Audit Committee
Thursday, October 25, 2018

Executive Summary



The South Dakota technical institute system is comprised of four institutions, including:

- Lake Area Technical Institute, Watertown
- Mitchell Technical Institute, Mitchell
- Southeast Technical Institute, Sioux Falls
- Western Dakota Technical Institute, Rapid City

Each institution offers a variety of high-quality associate of applied science degrees, diplomas and certificates. Central to the mission of the institutions, and the system, is a commitment to prepare graduates to enter the state's workforce as skilled professionals.



In July of 2017, the nine-member Board of Technical Education was appointed by Governor Daugaard. The Board provides system-level oversight and includes representation from a variety of industries and regions across the state. Current board members include:

- Dana Dykhous (Chair), First PREMIER Bank, Sioux Falls
- Bob Faehn (Vice Chair), KXLG Radio, Watertown
- Terry Sabers (Secretary), Muth Electric, Mitchell
- Rod Bowar, Kennebec Telephone Company, 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

The attached report includes data related to **enrollment** (unduplicated, full-time equivalent and dual-credit), **retention** and **graduation/placement**.

Enrollment

According to the system's fall 2018 enrollment report, unduplicated enrollment (full-time, part-time and dual-credit) at the four institutions increased by 2.6% (6,652 students to 6,825). The number of students participating in the dual-credit program increased by 15.5% (743 students to 880). The full-time equivalent (FTE) count (30 credits) remained relatively flat, increasing by ten (5,881 to 5,891).

Retention

The system's retention rate, which measures the number of students who enroll in the institution one fall and return (or complete) the following fall, was at 78% in the fall of 2017. Lake Area Technical Institute and Mitchell Technical Institute each had a retention rate of 84%, Southeast Technical Institute had a retention rate of 74% and Western Dakota Technical Institute had a rate of 67%. The updated retention rate will be available in the fall 2018 retention report, released in December.

(Executive Summary continued on page two)

Executive Summary (continued)

Graduation/Placement

The system produced 2,393 graduates during the 2017-2018 academic year, up from 2,334 graduates in 2016-2017. The system's current graduation rate is 57.7%. Placement data from the class of 2018 is being collected and will be available in the coming months.

According to the 2017 graduate outcomes report, which had a 90.9% response rate, the system's placement rate was 97.2% (2,063). The placement rate includes those who are employed, continuing their education or joining the military. The 2017 rate is a decrease from the 98.2% placement rate in 2016. Among those graduates who identified themselves as "employed" (1,726), 82.4% (1,423) are employed in South Dakota.

Additional Information

In recent years, the State of South Dakota has supported additional appropriations to the technical institute system through Instructor Salary Support funding (made possible by the passage of HB 1182) and the implementation of a multi-year Maintenance and Repair funding plan. This report includes details regarding the impact of this funding and the method of distribution across the system.

Instructor Salary Support

Since FY17 (2016-2017 academic year), approximately \$3,000,000 in instructor salary support dollars have been appropriated to the system annually (in FY19 the appropriation was \$3,030,000). Those dollars have been distributed to the institutions based on need and applied to the salaries of individual instructors. Need was determined using an equation that considered appropriate wage levels in a given field and an instructor's years of service and credentials.

In FY18, 78% of full-time instructors qualified for salary increases. The Instructor Salary Support funding has had a positive impact on the retention and recruitment of quality instructors. Southeast Technical Institute receives the smallest percentage of the overall allocation, thus the impact of the funding has not been felt among their instructors.

Maintenance and Repair Funding

The overall replacement value of facilities in the technical institute system is \$323,506,305. The system partnered with the Office of Governor and Bureau of Finance and Management to develop a multi-year plan to grow the Maintenance and Repair (M&R) fund to 2% of the overall replacement value.

In FY19, year one of the plan, the system received a state appropriation of \$223,228. The institutions agreed that the funding would only be applied to state-owned facilities and the distribution formula would not include childcare or cold storage facilities. The FY19 allocation breakdown is outlined below:

- Lake Area Technical Institute—\$54,577 (357,221 square feet)
- Mitchell Technical Institute—\$48,314 (317,261 square feet)
- Southeast Technical Institute—\$74,707 (489,380 square feet)
- Western Dakota Technical Institute—\$45,630 (299,737 square feet)

Summary

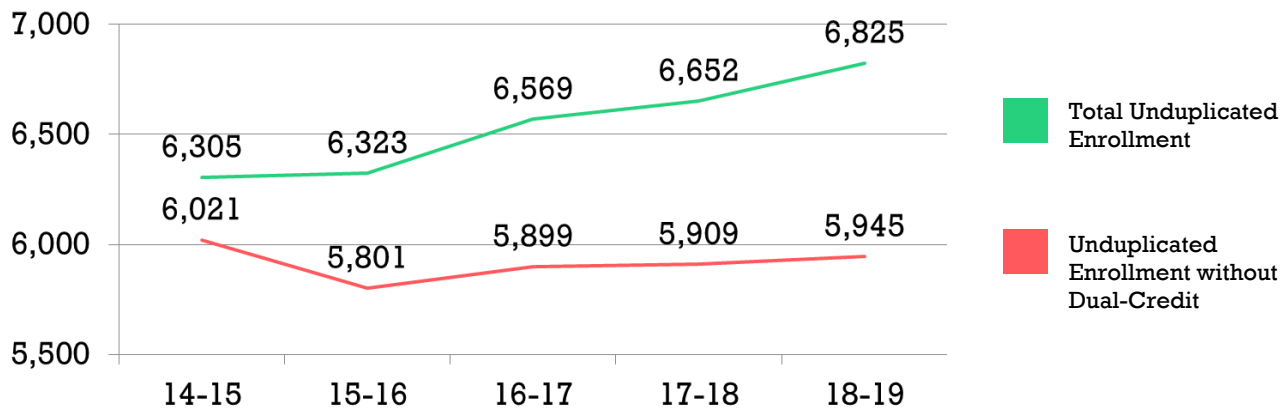
The Board of Technical Education and the four institutions in the system are committed to growing enrollment, aligning academic programs with industry needs and preparing more skilled professionals to enter the state's workforce.

Enrollment | Unduplicated and Dual-Credit

According to the fall 2018 enrollment report, **unduplicated enrollment** (full-time, part-time, dual-credit) in the technical institute system has increased 2.6% (6,652 students to 6,825) since fall 2017.

The graph below outlines the system's unduplicated enrollment history since fall 2014 and provides enrollment levels without students engaged in the South Dakota Dual-Credit program. When the dual-credit students are removed, enrollment totals increased by 36 students.

Graph 1 Unduplicated Enrollment (Full-time, Part-time, Dual-Credit)



Source Fall 2018 Enrollment Report

The table below outlines the system's unduplicated enrollment history and our goal for the 2019-2020 academic year. The goal (7,016) reflects 1% growth in traditional students plus an anticipated 15% growth in students enrolled in the South Dakota Dual-Credit program.

Table 1 Unduplicated Enrollment (Full-time, Part-time, Dual-Credit) History and Goal

	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 Fall 2018 Enrollment Report

The tables below provide an institution-by-institution breakdown of unduplicated enrollment and enrollment related to the South Dakota Dual-Credit program.

Table 2 Lake Area Technical Institute

From fall 2017 to fall 2018, Lake Area Technical Institute had unduplicated enrollment growth of 8.4% (190 students). The institution had 4.7% (90 students) enrollment growth among traditional students.

	2014-15	2015-16	2016-17	2017-18	2018-19
Full-time/Part-time	1,657	1,729	1,823	1,814	1,904
Dual-Credit	72	117	238	241	341
Total	1,729	1,846	2,061	2,055	2,245

Source Fall 2018 Enrollment Report

Table 3 Mitchell Technical Institute

From fall 2017 to fall 2018, Mitchell Technical Institute had unduplicated enrollment growth of 1.2% (15 students). The institution had a slight increase (10 students) in enrollment among traditional students.

	2014-15	2015-16	2016-17	2017-18	2018-19
Full-time/Part-time	1,173	1,162	1,160	1,089	1,099
Dual-Credit	84	108	112	119	124
Total	1,257	1,270	1,272	1,208	1,223

Source Fall 2018 Enrollment Report

Table 4 Southeast Technical Institute

From fall 2017 to fall 2018, Southeast Technical Institute had a decrease in unduplicated enrollment of 1.4% (33 students). The institution had a slight increase (10 students) in enrollment among traditional students.

	2014-15	2015-16	2016-17	2017-18	2018-19
Full-time/Part-time	2,311	2,068	2,025	2,131	2,141
Dual-Credit	93	128	138	170	127
Total	2,404	2,196	2,163	2,301	2,268

Source Fall 2018 Enrollment Report

Table 5 Western Dakota Technical Institute

From fall 2017 to fall 2018, Western Dakota Technical Institute's unduplicated enrollment was relatively flat (1 student). The institution had a 9.2% (74 students) enrollment decrease among traditional students.

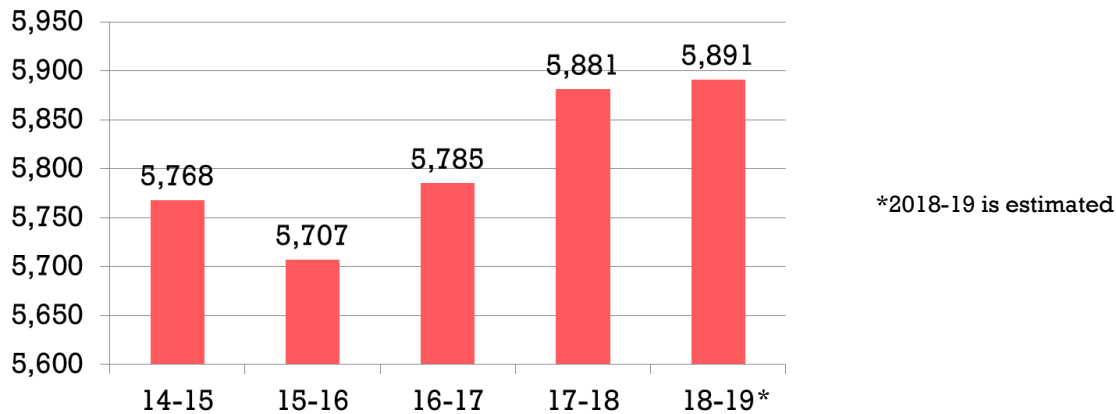
	2014-15	2015-16	2016-17	2017-18	2018-19
Full-time/Part-time	880	851	891	875	801
Dual-Credit	36	159	182	213	288
Total	916	1,010	1,073	1,088	1,089

Source Fall 2018 Enrollment Report

Enrollment | Full-time Equivalent (FTE)

According to the fall 2018 enrollment data, the full-time equivalent (FTE) count in the technical institute system is projected to increase by ten students. The FTE is determined by dividing the tuition collected in the fiscal year by the product of the state tuition rate and 30 (30 credits/year = full-time student).

The graph below outlines the FTE history of the system dating back to fall 2014.

Graph 2 System Full-time Equivalent History

The table below outlines FTE numbers at each institution since fall 2014 and our goal for the 2019-20 academic year. The goal (5,949) reflects a 1% increase. 2018-19 FTE count is estimated.

Table 6 Full-time Equivalent Breakdown by Institution

	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	1,162	1,142	1,142	1,153
STI	2,047	1,903	1,859	1,958	1,915	1,934
WDT	764	763	802	834	834	842
Total	5,768	5,707	5,785	5,881	5,891	5,949

Additional enrollment data is available in **Appendix A** (page 10).

Retention

An official retention rate measures first-time, full-time students who enroll in an institution one fall and return to the institution (or complete prior to) the following fall. The South Dakota technical institute system's retention rate in fall 2017 was 78%. The system is currently collecting data for the fall 2018 retention report.

The table below outlines the system's retention rate history since 2014, an estimate for fall 2018 and our goal for the fall of 2019. The system anticipates a retention rate between 78% and 79%.

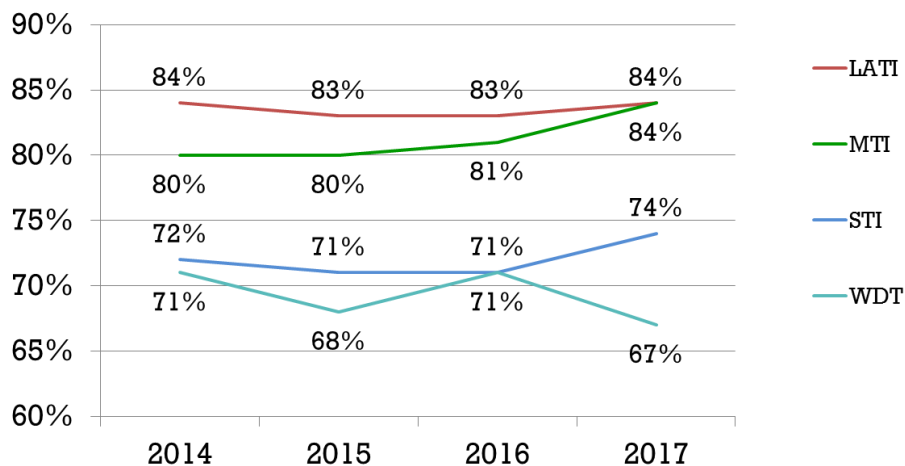
Table 7 System Retention Rate History and Goal

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

Source Fall 2017 Retention Report

The graph below provides a history of retention rates by institution since fall 2014.

Graph 3 Retention Rate History by Institution



Source Fall 2017 Retention Report

Additional retention data is available in **Appendix B** (page 15).

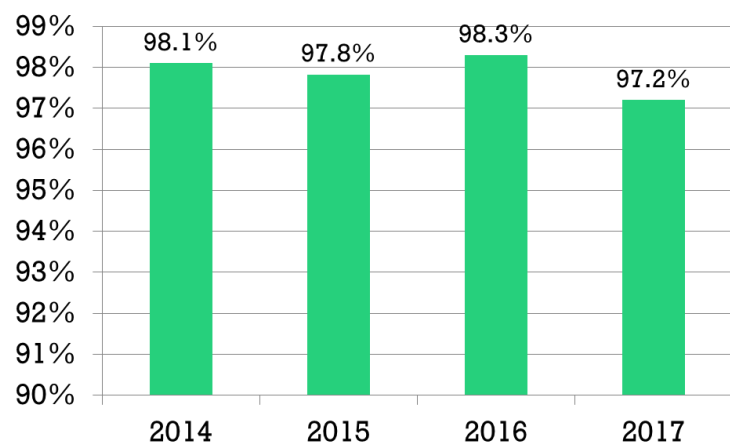
Graduate Placement

The graduate outcomes report measures the outcomes of graduates six months after graduation. The 2017 graduate outcomes report includes data on graduates from the fall of 2016, spring of 2017 and summer of 2017. The collection methods that inform the 2017 report had a **90.9%** (2,122 respondents) response rate. The 2017 data reported below is based on those graduates who responded, not all graduates.

According to the 2017 graduate outcomes report, the system's **placement rate** was **97.2%** (2,063), which includes those respondents who are employed continuing their education, joining the military or not in the labor market.

The graph below outlines the system's placement rate history since 2014. Data for the 2018 graduate outcomes report is being collected.

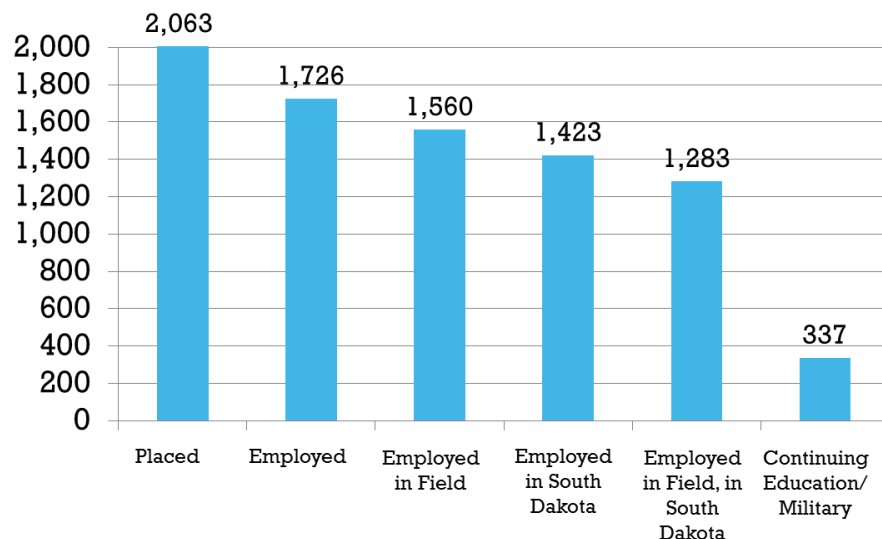
Graph 4 System Placement Rate History



Source 2017 Graduate Outcomes Report

Of those who identified themselves as “employed” (1,726), **82.44%** (1,423) are employed in South Dakota. Among the respondents who identified themselves as “employed in their field” (1,560), **82.24%** (1,283) are employed in their field in South Dakota.

Graph 5 Breakdown of Employed Respondents



Source 2017 Graduate Outcomes Report

Areas of Interest

While the overall placement rate is strong, information regarding certain career clusters of interest is outlined below.

Agriculture, Food & Natural Resources (i.e. Agriculture, Ag Technology, Horticulture Technology)

- 241 unduplicated graduates // 236 respondents (97.9% response rate)
- 234 employed + continuing education/military (97% placement rate)
- 197 employed in field // 170 employed in field, in South Dakota
- \$17.80 average hourly wage

Health Science (i.e. Dental Assisting, Medical Lab Tech, Practical Nursing, Phlebotomy)

- 595 unduplicated graduates // 537 respondents (90.3% response rate)
- 526 employed + continuing education/military (97.9% placement rate)
- 401 employed in field // 323 employed in field, in South Dakota
- \$18.07 average hourly wage

Manufacturing (i.e. Precision Machining, Welding and Fabrication)

- 257 unduplicated graduates // 231 respondents (89.9% response rate)
- 224 employed + continuing education/military (96.9% placement rate)
- 158 employed in field // 156 employed in field, in South Dakota
- \$20.39 average hourly wage

Additional graduate placement data is available in **Appendix C** (page 21).

Additional Information

In recent years, the State of South Dakota has supported additional appropriations to the technical institute system through **Instructor Salary Support** funding (made possible by the passage of HB 1182) and the implementation of a multi-year **Maintenance and Repair** funding plan. Additional details regarding each are outlined below.

Instructor Salary Support

Since FY17 (2016-2017 academic year), the technical institute system has received an annual appropriation designed to support salary enhancement for eligible instructors. In FY17 and FY18, the appropriation was \$3,000,000. In FY19 (current year), the appropriation was increased to **\$3,030,000**.

The technical institutes developed an allocation rubric that considered an instructor's years of service and credentials, along with market values within specific industries/programs. This rubric was used to determine eligibility and amount of salary enhancement.

78% of full-time instructors qualified for salary support funding.

The table below outlines the distribution among the four institutions in FY17 and FY18. Totals for the current fiscal year are still being calculated.

Table 8 Instructor Salary Support Funding Distribution by Institution (FY17 and FY18)

	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

Maintenance & Repair (M&R) Funding

The overall replacement value of facilities in the technical institute system is \$323,506,305. The system partnered with the Office of Governor and Bureau of Finance and Management to develop a multi-year plan to grow the Maintenance and Repair (M&R) fund to 2% of the overall replacement value.

In FY19, year one of the plan, the system received a state appropriation of **\$223,228**. The institutions agreed that the funding would only be applied to state-owned facilities and the distribution formula would not include childcare or cold storage facilities. The FY19 allocation breakdown is outlined below:

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- Western Dakota Technical Institute—\$45,630 (299,737 square feet)

If this plan were to continue, eventually the state appropriation would match the system's 1% contribution, creating a fund equal to 2% of the replacement value. Currently, the institutions are relying upon revenue generated through the M&R fee (\$5.00/credit hour) and local fees to cover the costs of ongoing maintenance and repair.

Appendix A | Enrollment by Institution by Career Cluster

Appendix A includes enrollment data by institution, by career cluster dating back to 2013. The institution reports are organized in alphabetical order.

Page 11	Lake Area Technical Institute
Page 12	Mitchell Technical Institute
Page 13	Southeast Technical Institute
Page 14	Western Dakota Technical Institute



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Lake Area Technical Institute 2013-2018 Day 10 Fall Enrollment Report by Career Cluster

Career Cluster	Program	13-14	14-15	15-16	16-17	17-18	18-19
Agriculture, Food & Natural Resources	Agriculture (AAS)	254	306	338	340	323	295
Agriculture, Food & Natural Resources	Environmental Tech (AAS/Diploma)	14	15	13	15	10	18
Architecture & Construction	Building Trades Technology (AAS)	34	28	28	43	47	53
Architecture & Construction	Heavy Equipment Operator (AAS/Diploma)	12	21	22	13	24	27
Finance	Financial Services (AAS)	56	34	57	62	60	68
Health Science	Community Healthcare Worker (Cert/Dipl/AAS)	*	*	*	*	*	*
Health Science	Dental Assisting (AAS/Diploma)	58	57	52	50	42	42
Health Science	Medical Assisting (AAS)	26	25	29	29	28	23
Health Science	Medical Lab Tech (AAS)	37	42	34	46	50	69
Health Science	Occupational Therapy Assistant (AAS)	49	42	48	40	37	33
Health Science	Physical Therapy Assistant (AAS)	51	55	50	49	48	46
Health Science	Practical Nursing (Diploma)	97	96	108	124	112	126
Health Science	Registered Nursing (AAS)	*	*	*	*	*	24
Human Services	Cosmetology (Diploma)	59	65	60	63	55	42
Human Services	Human Services Technician (AAS/Diploma)	161	169	146	69	70	78
Information Technology	Computer Information Systems (AAS)	51	39	44	53	58	73
Law, Public Safety, Corrections & Security	Law Enforcement (AAS)	*	23	32	31	45	39
Law, Public Safety, Corrections & Security	Medical/Fire Rescue (AAS)	25	24	22	29	29	53
Manufacturing	Electronics Systems Tech (AAS)	13	12	23	25	19	23
Manufacturing	Energy Operations (AAS)	10	11	28	22	14	9
Manufacturing	Energy Technology (AAS)	29	26	21	28	25	38
Manufacturing	Precision Machining (AAS)	29	38	43	32	40	41
Manufacturing	Robotics (AAS)	26	32	43	45	47	60
Manufacturing	Welding Technology (AAS/Diploma)	44	45	59	74	80	68
Marketing	Business Associate (AAS)	121	111	112	128	129	126
Science, Technology, Engineering & Mathematics (STEM)	Surveying and Mechanical CAD (AAS)	7	*	*	*	*	*
Transportation, Distribution & Logistics	Automotive Technology (AAS)	71	68	60	47	55	64
Transportation, Distribution & Logistics	Aviation Maintenance (AAS/Diploma)	28	28	30	33	30	32
Transportation, Distribution & Logistics	Custom Paint & Fabrication Technology (AAS/Diploma)	35	36	31	33	30	31
Transportation, Distribution & Logistics	Diesel Technology (AAS)	138	137	144	153	160	167
Transportation, Distribution & Logistics	High Performance Engine Machining (AAS)	5	16	14	14	19	13
	Reduced Rate Dual Credit**	*	72	117	232	235	337
	Concurrent Credit ##	*	*	*	6	6	4
	Nondegree Seeking Other***	*	*	*	32	32	27
	Program Prep****	44	47	38	101	96	96
	TOTALS	1593	1729	1846	2061	2055	2245

*No data available/New course offering or separated

**Reduced Rate Dual Credit (nonconcurrent): SD high school students enrolled in the State's reduced rate tuition program

Concurrent credit: high school students enrolled in a concurrent credit class (classes taught by high school faculty)

***Non-degree Seeking Other: All other credit for students not eligible for financial aid. Students eligible for financial aid must be included either in a program or in program prep.

****Program Prep: financial-aid eligible, degree-seeking students not yet accepted into technical programs



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Mitchell Technical Institute 2013-2018 Fall Enrollment Report by Career Cluster

Career Cluster	Program	13-14	14-15	15-16	16-17	17-18	18-19
Agriculture, Food & Natural Resources	Agricultural Technology (AAS)	93	86	85	83	89	93
Agriculture, Food & Natural Resources	Farm Business Management (Certificate)	127	145	161	132	65	59
Agriculture, Food & Natural Resources	Diesel Power Technology (AAS)	31	44	54	66	49	35
Architecture & Construction	Architectural Design & Building Construction (AAS)	37	33	31	39	38	52
Architecture & Construction	Electrical Construction & Maintenance (AAS)	81	86	83	73	95	95
Architecture & Construction	Heating & Cooling Technology (AAS/Diploma)	19	26	11	23	24	28
Architecture & Construction	Industrial Maintenance Technology (Diploma) -Discontinued Fall 2017	8	8	7	2	*	*
Architecture & Construction	Power Line Construction & Maintenance (Diploma)	85	87	77	95	85	74
Architecture & Construction	Power Line Construction & Maintenance (AAS)	*	*	9	12	10	11
Architecture & Construction	Power Line Construction & Maintenance (Certificate)	*	*	*	*	*	1
Architecture & Construction	Natural Gas Technology (Diploma)	*	*	*	*	2	4
Architecture & Construction	Propane & Natural Gas Technologies (Diploma) - Discontinued Fall 2017	27	19	14	*	*	*
Architecture & Construction	Wind Turbine Technology (AAS)	35	19	24	16	19	19
Business Management & Administration	Accounting/Business Management (AAS/Diploma)	75	70	46	52	52	40
Business Management & Administration	Accounting/Business Management (AAS/Diploma)	*	*	22	21	10	16
Business Management & Administration	Administrative Office Specialist (AAS/Diploma/Certificate)	28	14	9	9	18	15
Business Management & Administration	Leadership Studies (Certificate)	*	*	*	26	9	12
Health Science	Advanced Medical Imaging (AAS/Advanced Certificate/Certificate)	*	3	11	13	18	13
Health Science	Licensed Practical Nurse (Diploma)	*	*	*	*	29	28
Health Science	Medical Assistant (AAS)	36	41	36	39	33	30
Health Science	Medical Laboratory Technology (AAS)	29	18	28	27	24	19
Health Science	Medical Office Professional (AAS)	50	55	49	42	38	26
Health Science	Radiation Therapy (AAS)	5	4	3	5	5	10
Health Science	Radiologic Technology (AAS)	26	28	25	24	30	34
Health Science	Speech-Language Pathology Assistant (AAS)	47	47	33	25	23	28
Hospitality & Tourism	Culinary Arts (AAS/Diploma)	44	29	25	19	25	30
Human Services	Human Services Technician (AAS)	*	24	33	29	33	33
Information Technology	Information Systems Technology (AAS/Diploma)	33	31	25	34	39	30
Information Technology	Satellite Communications (AAS) - Discontinued 2017	45	33	19	7	*	*
Information Technology	Telecommunications (AAS)	37	28	33	35	28	26
Manufacturing	Welding & Manufacturing Technology (AAS/Diploma/Certificate)	33	41	51	58	47	56
Science, Technology, Engineering & Mathe	Automation Controls/SCADA (AAS)	30	24	28	33	29	27
Science, Technology, Engineering & Mathe	Automated Engineering Technology (AAS)	*	*	*	*	*	2
Science, Technology, Engineering & Mathe	Precision Technology Specialist (Diploma)	*	*	*	8	6	6
Science, Technology, Engineering & Mathe	Precision Technology Specialist (AAS)	22	35	36	22	23	31
Transportation, Distribution & Logistics	Power Sports Technology (AAS/Diploma)	50	45	36	32	23	16
Transportation, Distribution & Logistics	Professional Truck Driving (Certificate)	*	*	*	*	2	4
Multi-/Interdisciplinary Studies, General	Technical Studies (AAS)	*	*	*	*	*	5
	Reduced Rate Dual Credit**	*	84	108	112	119	124
	Concurrent Credit ##	*	*	*	0	0	0
	Program Prep***	74	50	58	5	5	5
	Nondegree Seeking Other****	*	*	*	54	64	86
	TOTALS	1224	1257	1270	1272	1208	1223

*No data available/New course offering or separated

**Reduced rate dual credit – SD high school students enrolled in the State's reduced rate tuition program

Concurrent Credit: high school students enrolled in a concurrent credit class (classes taught by high school faculty)

***Program Prep: Financial-aid eligible, degree-seeking students not yet accepted into technical programs

****Non-degree Seeking Other: All other credit for students not eligible for financial aid. Students eligible for financial aid must be included either in a program or in program prep.

Southeast Technical Institute 2013-2018 Fall Enrollment Report by Career Cluster

Career Cluster	Program	13-14	14-15	15-16	16-17	17-18	18-19
Agriculture, Food & Natural Resources	Horticulture Technology (AAS)	59	20	15	21	25	23
Agriculture, Food & Natural Resources	Landscape Technology (AAS)	*	19	12	7	8	7
Agriculture, Food & Natural Resources	Sports Turf Management (AAS)	*	23	14	13	17	20
Architecture & Construction	Architectural Engineering Technology (AAS)	47	46	44	52	32	30
Architecture & Construction	Mechanical Engineering Technology (AAS)	32	32	32	34	45	36
Architecture & Construction	Construction Management Technology (AAS)	28	15	20	28	35	32
Architecture & Construction	Heating/Ventilation/AC/Refrigeration (AAS)	*	*	30	28	41	45
Architecture & Construction	Heating/Ventilation/AC/Refrigeration (Diploma)	41	33	3	5	0	0
Architecture & Construction	Electrician (AAS)	*	*	23	37	44	43
Architecture & Construction	Mechanical Systems/Plumbing (Diploma)	2	14	10	17	18	18
Arts, Audio/Video Technology & Communications	Digital Media Production Technology (AAS)	30	29	16	16	19	21
Arts, Audio/Video Technology & Communications	Media Design Technology (AAS)	57	55	56	41	45	40
Business Management & Administration	Accounting (AAS/Diploma)	119	105	107	104	95	98
Business Management & Administration	Business Administration (AAS)	509	392	244	192	226	234
Business Management & Administration	Business Administration (AAS)	*	*	39	26	18	19
Business Management & Administration	Business Administration (AAS)	*	*	34	26	19	9
Business Management & Administration	Entrepreneurship (AAS)	*	32	31	34	31	26
Business Management & Administration	Financial Services (AAS)	45	33	*	*	*	*
Business Management & Administration	Financial Services (AAS)	*	*	23	24	14	25
Business Management & Administration	Financial Services (AAS)	*	*	6	6	10	7
Business, Management & Administration	Administrative Assistant (AAS)	*	27	18	18	15	15
Business, Management & Administration	Administrative Assistant (Diploma)	*	*	8	11	6	4
Health Science	Health Care Leadership (AAS)	40	28	22	29	20	10
Health Science	Bio-Medical Equipment Technology (AAS)	16	18	13	4	0	0
Health Science	Cardiovascular	33	35	20	21	30	33
Health Science	Cardiovascular	13	12	14	16	16	12
Health Science	Cardiovascular	21	12	9	11	13	17
Health Science	Diagnostic Medical Sonography-Abdominal/OB/GYN (AAS)	36	32	34	33	30	34
Health Science	Electroneuraldiagnostic Technology (AAS)	27	29	24	17	17	22
Health Science	Health Care Office Specialist (Diploma)	59	33	11	14	11	20
Health Science	Licensed Practical Nursing (Diploma)	170	174	182	116	106	111
Health Science	Medical Coding (AAS/Dipl/Cert)	29	45	41	34	39	53
Health Science	Nuclear Medicine (AAS)	16	18	14	13	15	6
Health Science	Pharmacy Technician (Diploma)	11	14	18	11	13	7
Health Science	Phlebotomy (Diploma)	28	28	24	22	27	25
Health Science	Registered Nurse (AAS)	38	30	37	31	49	61
Health Science	Surgical Technology (AAS)	40	36	40	34	54	72
Human Services	Early Childhood Specialist (AAS)	91	83	61	52	31	27
Human Services	Early Childhood Support (Diploma)	*	*	5	3	5	3
Information Technology	CIS/Computer Technician (Diploma)	*	21	10	14	14	22
Information Technology	CIS/Computer Technician (Diploma)	*	*	3	4	2	2
Information Technology	Systems Administrator (AAS)	*	22	22	26	26	36
Information Technology	Information Technology Security (AAS)	*	27	28	26	36	34
Information Technology	Computer Programming (AAS)	79	76	67	82	113	107
Information Technology	Electronics Technology (AAS/Diploma)	48	34	17	14	20	16
Information Technology	Network Administration (AAS)	147	45	47	58	66	70
Law, Public Safety, Corrections & Security	Law Enforcement (AAS)	84	65	72	69	66	57
Manufacturing	Mechatronics (AAS)	68	60	51	41	37	21
Manufacturing	Welding (Diploma/Certificate)	34	39	36	37	42	36
Marketing	Marketing (AAS)	88	102	33	30	35	41
Marketing	Marketing (AAS)	*	*	36	21	22	15
Marketing	Marketing (AAS)	*	*	10	8	7	5
Science, Technology, Engineering & Mathematics (STEM)	Civil Engineering Technology (AAS)	36	24	24	25	27	35
Science, Technology, Engineering & Mathematics (STEM)	Land Surveying Science Technology (AAS)	*	15	19	20	12	9
Transportation, Distribution & Logistics	Automotive Technician (AAS/Diploma)	62	57	48	68	71	64
Transportation, Distribution & Logistics	Collision Repair & Refinish Technology (AAS/Diploma)	47	36	38	40	32	35
Transportation, Distribution & Logistics	Diesel Technology (AAS/Diploma)	59	56	58	51	51	36
Transportation, Distribution & Logistics	Diesel Technology (AAS/Diploma)	*	*	*	2	4	8
	Reduced Rate Dual Credit**	*	93	128	138	170	126
	Concurrent Credit ##	*	*	*	0	0	1
	Nondegree Seeking Other***	*	*	*	78	55	67
	Program Prep****	142	121	95	110	154	160
	TOTALS	2531	2404	2196	2163	2301	2268

*No data available/New course offering or separated

**Reduced rate dual credit (nonconcurrent) -- SD high school students enrolled in the State's reduced rate tuition program

Concurrent Credit -- high school students enrolled in a concurrent credit class (classes taught by high school faculty)

***Non-degree Seeking - All other credit for students not eligible for financial aid. Students eligible for financial aid must be included either in a program or in program prep.

****Program Prep -- Financial-aid eligible, degree-seeking students not yet accepted into technical programs

Western Dakota Technical Institute 2013-2018 Day 10 Fall Enrollment Report by Career Cluster

Career Cluster	Program	13-14	14-15	15-16	16-17	17-18	18-19
Architecture & Construction	Computer Aided Design CAD (AAS)	42	39	36	35	32	21
Architecture & Construction	Plumbing Technology (Diploma/Certificate)	*	*	*	*	5	1
Architecture & Construction	Construction Technology (Diploma)	*	*	*	*	*	6
Architecture & Construction	HVAC/Refrigeration Technology (AAS)	*	*	16	20	19	12
Business Management & Administration	Library Technician (AAS/Diploma)	17	16	11	9	7	7
Business Management & Administration	Business and Technology (AAS)	128	99	79	74	67	52
Business Management & Administration	Accounting (AAS)	45	51	37	41	13	28
Business Management & Administration	Bookkeeping (Diploma)	*	*	*	*	25	6
Business Management & Administration	Business - Office Professional (Diploma)	*	*	*	*	*	7
Business Management & Administration	Business - Entrepreneurship (Certificate)	*	*	*	*	3	5
Business Management & Administration	Business - Social Media Marketing (Certificate)	*	*	*	*	1	7
Health Science	Dental Assisting (Diploma)	*	*	*	23	37	26
Health Science	Health Unit Coordinator (Diploma)	2	*	*	*	*	0
Health Science	Health Information Management (AAS/Diploma)	30	24	24	21	19	22
Health Science	Medical Assisting (AAS/Diploma/Certificate)	40	40	28	18	5	0
Health Science	Pharmacy Tech (AAS/Diploma)	52	32	23	12	17	4
Health Science	Allied Health (AAS)	*	*	*	11	0	0
Health Science	Paramedic (AAS/Certificate)	49	27	36	48	51	51
Health Science	EMT (Certificate)	*	*	*	*	*	8
Health Science	Surgical Technology (AAS)	28	21	35	47	35	33
Health Science	Medical Laboratory Technician (AAS)	*	*	*	28	47	37
Health Science	Phlebotomy/Laboratory Assistant (Diploma)	32	25	27	14	12	19
Health Science	Phlebotomy (Certificate)	*	*	*	*	*	3
Health Science	Practical Nursing (Diploma)	131	98	102	104	121	113
Information Technology	Computer Science-Information Technology Specialist (AAS/Diploma)	56	55	49	49	52	56
Law, Public Safety, Corrections & Security	Criminal Justice (AAS)	*	29	33	34	26	36
Law, Public Safety, Corrections & Security	Criminal Justice - Law Enforcement Emphasis (AAS)	49	45	29	37	35	42
Law, Public Safety, Corrections & Security	Fire Science (AAS)	46	27	20	19	14	5
Manufacturing	Precision Machining Technology (Diploma)	*	*	13	14	18	5
Manufacturing	Drafting and Machining Technology (AAS)	*	*	*	*	*	7
Manufacturing	Welding and Fabrication (AAS/Diploma)	61	51	76	82	64	48
Multi-/Interdisciplinary Studies, General	Technical Studies (AAS)	*	*	*	*	6	8
Science, Technology, Engineering & Mathematics (STEM)	Environmental Engineering Technician (AAS)	33	23	27	27	25	21
Science, Technology, Engineering & Mathematics (STEM)	Electrical Trades (AAS)	54	38	38	45	41	33
Transportation, Distribution & Logistics	Automotive Technology (AAS)	*	*	*	*	*	17
Transportation, Distribution & Logistics	Diesel Technology (AAS)	*	*	*	*	*	17
Transportation, Distribution & Logistics	Transportation Technology (AAS)	75	73	74	70	71	23
	Reduced Rate Dual Credit Program**	*	36	159	182	213	288
	Concurrent Credit ###	*	*	*	*	0	0
	Non Degree-Seeking Other***	*	*	*	9	7	15
	Program Prep****	87	32	38	0	0	0
	TOTALS	1115	916	1010	1073	1088	1089

*No data available/New course offering or separated

**Reduced rate dual credit – SD high school students enrolled in classes under the State's reduced rate tuition program.

Concurrent Credit – high school students enrolled in a concurrent credit class (classes taught by high school faculty)

***Non-degree Seeking Other -- All other credit for students not eligible for financial aid. Students eligible for financial aid must be included either in a program or in program prep.

****Program Prep - financial-aid eligible, degree-seeking students not yet accepted into technical programs.

Appendix B | Retention by Institution by Career Cluster

Appendix B includes retention data by institution, by career cluster dating back to 2012. The institution reports are organized in alphabetical order.

Page 16	Lake Area Technical Institute
Page 17	Mitchell Technical Institute
Page 18	Southeast Technical Institute
Page 20	Western Dakota Technical Institute

Lake Area Technical Institute 2012-2017 Retention Report (% graduated or retained)

Career Clusters	Programs	2012 Retention %	2013 Retention %	2014 Retention %	2015 Retention %	2016 Retention %	2016 10-Day Enrollment	2017 10-day Program Retention	2017 Program Retention %	2017 10-Day Retained by Institution	2017 10-Day Return and/or Graduated #	2017 Retention %	
Agriculture, Food & Natural Resources	Agriculture (AAS)	83%	88%	91%	86%	88%	339	296	87%	5	301	89%	*
Agriculture, Food & Natural Resources	Environmental Tech (AAS/Diploma)	64%	86%	93%	67%	85%	15	10	67%	1	11	73%	
Architecture & Construction	Building Trades (AAS)	89%	89%	91%	75%	82%	43	36	84%	0	36	84%	
Architecture & Construction	Heavy Equipment Operator (AAS/Diploma)	**	**	83%	95%	82%	13	11	85%	1	12	92%	
Finance	Financial Services (AAS)	71%	66%	70%	82%	82%	62	54	87%	1	55	89%	
Health Science	Community Healthcare Worker (AAS/Diploma/Cert)												
Health Science	Dental Assisting (AAS/Diploma)	84%	73%	83%	91%	83%	50	44	88%	2	46	92%	
Health Science	Medical Assisting (AAS/Diploma)	83%	83%	92%	68%	86%	29	23	79%	1	24	83%	
Health Science	Medical Lab Tech (AAS)	82%	70%	65%	71%	82%	46	34	74%	1	35	76%	
Health Science	Occupational Therapy Assistant (AAS)	83%	91%	88%	93%	81%	40	28	70%	3	31	78%	
Health Science	Physical Therapy Assistant (AAS)	88%	96%	96%	93%	94%	49	47	96%	0	47	96%	
Health Science	Practical Nursing (Diploma)	84%	82%	79%	80%	80%	124	92	74%	2	94	76%	
Human Services	Cosmetology (Diploma)	88%	82%	90%	85%	88%	63	50	79%	1	51	81%	
Human Services	Human Services Tech (AAS/Diploma)	76%	70%	76%	89%	71%	69	56	81%	1	57	83%	
Information Technology	Computer Systems (AAS)	69%	64%	65%	54%	75%	53	38	72%	3	41	77%	
Law Public Safety & Security	Law Enforcement (AAS)	**	**	**	70%	88%	31	30	97%	0	30	97%	
Law Public Safety & Security	Med Fire Rescue (AAS)	67%	84%	68%	79%	50%	28	16	57%	0	16	57%	*
Manufacturing	Electronics (AAS)	92%	64%	77%	67%	74%	25	19	76%	0	19	76%	
Manufacturing	Energy Operations (AAS)	75%	80%	80%	91%	86%	22	20	91%	0	20	91%	
Manufacturing	Energy Tech (AAS)	82%	80%	90%	96%	89%	28	21	75%	1	22	79%	
Manufacturing	Precision Machining (AAS/Diploma)	96%	83%	97%	84%	86%	32	28	88%	0	28	88%	
Manufacturing	High Performance Engine Machining (AAS/Diploma)	**	**	100%	69%	79%	14	12	86%	1	13	93%	
Manufacturing	Robotics (AAS)	71%	79%	81%	75%	79%	44	40	91%	0	40	91%	*
Manufacturing	Welding Technology (AAS/Diploma)	91%	85%	82%	93%	86%	74	66	89%	1	67	91%	
Marketing	Business Associate/Entrepreneurship (AAS)*	73%	65%	69%	73%	73%	127	96	76%	3	99	78%	*
Transportation Distribution & Logistics	Automotive (AAS)	84%	89%	100%	87%	82%	47	40	85%	0	40	85%	
Transportation Distribution & Logistics	Aviation Maintenance (AAS/Diploma)	89%	80%	82%	86%	93%	32	31	97%	1	32	100%	*
Transportation Distribution & Logistics	Custom Paint & Fabrication Technology (AAS)	83%	88%	86%	92%	97%	33	32	97%	0	32	97%	
Transportation Distribution & Logistics	Diesel Tech (AAS)	91%	91%	91%	98%	93%	153	139	91%	1	140	92%	
	Program Prep***	63%	65%	81%	65%	60%	98	1	1%	53	54	55%	*
	TOTALS (%)	81%	80%	84%	83%	83%	1783	1410	79%	83	1493	84%	

*Fall 2016 10-day enrollment was adjusted as follows: Agriculture - 1 no show; Med Fire Rescue - 1 no show; Robotics - 1 no show; Business/Entrepreneurship - 1 deceased; Aviation Maintenance - 1 no show; Program Prep - 1 no show, 2 military deployments.

** New program no data available

***Program Prep: financial-aid eligible, degree-seeking students not yet accepted into technical programs



**1800 E Spruce
Mitchell, South Dakota 57301
1-605-995-3056**

Mitchell Technical Institute 2012-2017 Retention Report (% graduated or retained)

Clusters	Programs	2012 Retention %	2013 Retention %	2014 Retention %	2015 Retention %	2016 Retention %	2016 10-Day Enrollment	2017 10-Day Program Retention #	2017 Program Retention %	2017 10-Day Retained by Institution	2017 10-Day Return and/or Graduated #	2017 Retention %
Agriculture, Food & Natural Resources	Agriculture Technology (AAS)	79%	84%	82%	87%	87%	83	74	89%	0	74	89%
Agriculture, Food & Natural Resources	Farm Business Management (Certificate)	88%	86%	83%	72%	63%	132	96	73%	1	97	73%
Agriculture, Food & Natural Resources	Farm Power Technology (AAS)	**	92%	90%	84%	94%	66	59	89%	0	59	89%
Architecture & Construction	Architectural Design & Building Construction (AAS)	73%	76%	68%	82%	81%	39	27	69%	1	28	72%
Architecture & Construction	Electrical Construction & Maintenance (AAS/Diploma)	90%	88%	90%	80%	85%	73	71	97%	0	71	97%
Architecture & Construction	Heating & Cooling Technologies (AAS/Diploma)	77%	74%	74%	58%	91%	23	20	87%	0	20	87%
Architecture & Construction	Industrial Maintenance Technology (AAS/Diploma)	57%	67%	75%	75%	86%	2	2	100%	0	2	100%
Architecture & Construction	Power Line Construction & Maintenance (AAS/Diploma)	88%	90%	94%	97%	97%	107	96	90%	0	96	90%
Architecture & Construction	Natural Gas Technology (AAS/Diploma)	76%	78%	93%	95%	93%	**	**	**			**
Architecture & Construction	Wind Turbine Technology (AAS)	82%	88%	74%	79%	79%	16	16	100%	0	16	100%
Business, Management & Administration	Accounting/Business Management (AAS/Diploma)	67%	76%	57%	71%	79%	73	56	77%	2	58	79%
Business, Management & Administration	Administrative Office Specialist (AAS/Diploma)	54%	67%	65%	71%	89%	9	7	78%	0	7	78%
Business, Management & Administration	Leadership Studies (Certificate)	**	**	**	**	**	25	24	96%	0	24	96%
Health Science	Advanced Medical Imaging (AAS/Certificate)	**	**	**	67%	82%	13	10	77%	0	10	77%
Health Science	Medical Assistant (AAS)	94%	90%	94%	80%	83%	39	28	72%	2	30	77%
Health Science	Medical Laboratory Technology (AAS)	86%	87%	69%	78%	75%	27	22	81%	2	24	89%
Health Science	Medical Office Professional (AAS)	77%	82%	78%	76%	80%	41	31	76%	0	31	76%
Health Science	Radiation Therapy (AAS)	100%	100%	100%	100%	100%	5	5	100%	0	5	100%
Health Science	Radiologic Technology (AAS)	96%	86%	88%	82%	72%	24	22	92%	0	22	92%
Health Science	Speech-Language Pathology Assistant (AAS)	69%	71%	81%	83%	88%	25	21	84%	0	21	84%
Hospitality & Tourism	Culinary Arts (AAS/Diploma)	71%	70%	70%	69%	48%	19	13	68%	0	13	68%
Human Services	Human Services Technician (AAS)	**	**	**	58%	85%	29	25	86%	1	26	90%
Information Technology	Information Systems Technology (AAS/Diploma)	73%	79%	80%	84%	72%	34	25	74%	1	26	76%
Information Technology	Satellite Communications (AAS)	80%	84%	84%	73%	89%	7	5	71%	1	6	86%
Information Technology	Telecommunications (AAS)	88%	90%	92%	89%	85%	35	32	91%	0	32	91%
Manufacturing	Welding & Manufacturing Technology (AAS/Diploma)	**	60%	70%	63%	86%	58	47	81%	0	47	81%
Science, Technology, Engineering & Mathematics	Automation Controls/SCADA (AAS)	100%	73%	90%	92%	71%	33	24	73%	2	26	79%
Science, Technology, Engineering & Mathematics	Precision Technology Specialist (AAS/Diploma)	73%	75%	91%	91%	92%	30	25	83%	2	27	90%
Transportation, Distribution, & Logistics	Power Sports Technology (AAS/Diploma)	93%	84%	84%	84%	89%	32	25	78%	1	26	81%
	Program Prep***	33%	38%	50%		40%	5	0	0%	2	2	40%
	TOTALS (%)	81%	80%	80%	80%	81%	1104	908	82%	18	926	84%

* Fall 2016 10-day enrollment was adjusted as follows: Leadership Studies - 1 no show; Medical Office Professional - 1 no show

** New Program no data available

***Program Prep: financial-aid eligible, degree-seeking students not yet accepted into technical program:



**2320 N Career Ave
Sioux Falls, South Dakota 57108
1-605-367-7624**

Southeast Technical Institute 2012-2017 Retention Report (% graduated or retained)

Career Clusters	Programs	2012 Retention %	2013 Retention %	2014 Retention %	2015 Retention %	2016 Retention %	2016 10-Day Enrollment	2017 Program Retention #	2017 10-Day Program Retention %	2016 10-Day Retained by Institution	2017 10-Day Return and/or Graduated #	2017 Retention %
Agriculture, Food & Natural Resources	Horticulture Technology (AAS)	73%	60%	72%	75%	73%	21	17	81%	1	18	86%
Agriculture, Food & Natural Resources	Landscape Technology (AAS)				68%	67%	7	5	71%	0	5	71%
Agriculture, Food & Natural Resources	Sports Turf Management (AAS)				70%	79%	13	11	85%	1	12	92%
Architecture & Construction	Architectural/Construction Technology (AAS)	67%	61%	74%	70%	82%	52	29	56%	4	33	63%
Architecture & Construction	Mechanical Engineering Technology (AAS)	91%	76%	72%	72%	78%	34	27	79%	0	27	79%
Architecture & Construction	Construction Management Technology (AAS)	68%	72%	75%	67%	75%	28	19	68%	0	19	68%
Architecture & Construction	Electrician (AAS)					70%	37	28	76%	1	29	78%
Architecture & Construction	Heating/Ventilation/AC/Refrigeration (AAS/Diploma)	65%	77%	61%	82%	82%	33	23	70%	1	24	73%
Architecture & Construction	Mechanical Systems & Plumbing			50%	79%	70%	17	14	82%	0	14	82%
Arts, Audio-Video Technology & Communications	Digital Media Production Technology (AAS)	61%	59%	73%	45%	63%	16	11	69%	0	11	69%
Arts, Audio-Video Technology & Communications	Media Designs Technology (AAS)	66%	58%	67%	73%	54%	41	29	71%	0	29	71%
Business, Management & Administration	Accounting (AAS/Diploma)	70%	67%	76%	70%	69%	104	72	69%	2	74	71%
Business, Management & Administration	Business Administration (AAS)	61%	66%	70%	70%	66%	242	179	74%	3	182	75%
Business, Management & Administration	Entrepreneurship				53%	61%	34	21	62%	1	22	65%
Business, Management & Administration	Financial Services (AAS)	61%	71%	67%	55%		divided into Banking & Insurance					
Business Management & Administration	Financial Services/Banking					78%	24	16	67%	1	17	71%
Business Management & Administration	Financial Services/Insurance					67%	6	2		0	2	33%
Business, Management & Administration	Administrative Assistant				70%	89%	18	12	67%	0	12	67%
Business, Management & Administration	Office Assistant (Diploma)					38%	11	5	45%	1	6	55%
Health Science	Health Care Leadership (AAS)	55%	75%	65%	57%	59%	28	17	61%	1	18	64%
Health Science	Bio-Medical Equipment Technology (AAS)	67%	89%	69%	89%	85%	4	2	50%	0	2	50%
Health Science	Cardiac Ultrasound (AAS)	78%	65%	94%	80%	85%	21	15	71%	2	17	81%
Health Science	Diagnostic Medical Sonography-Abdominal/OB/GYN (AAS)	86%	88%	89%	88%	82%	33	22	67%	1	23	70%
Health Science	Electroneuraldiagnostic Technology (AAS)	68%	80%	78%	69%	75%	17	14	82%	1	15	88%
Health Science	Health Office Specialist (Diploma)	84%	84%	85%	76%	55%	14	11	79%	0	11	79%
Health Science	Invasive Cardiovascular (AAS)	73%	75%	100%	100%	79%	16	14	88%	0	14	88%
Health Science	Licensed Practical Nursing (Diploma)	71%	78%	81%	83%	85%	116	92	79%	5	97	84%
Health Science	Medical Coding			83%	91%	90%	34	28	82%	0	28	82%
Health Science	Nuclear Medicine (AAS)	61%	77%	69%	83%	93%	13	11	85%	1	12	92%
Health Science	Pharmacy Technician (Diploma)	46%	68%	100%	71%	72%	11	6	55%	0	6	55%
Health Science	Phlebotomy (Diploma)	64%	70%	64%	68%	63%	22	14	64%	1	15	68%
Health Science	Registered Nurse (AAS)		84%	76%	77%	76%	31	23	74%	0	23	74%

Health Science	Surgical Technology (AAS)	87%	72%	90%	75%	58%	34	26	76%	1	27	79%
Health Science	Vascular Ultrasound (AAS)	79%	81%	81%	100%	78%	11	7	64%	1	8	73%
Human Services	Early Childhood Specialist (AAS/Diploma)	73%	77%	77%	78%	84%	52	38	73%	0	38	73%
Human Services	Early Childhood Support (Diploma)					80%	3	1	33%	0	1	33%
Information Technology	CIS/Computer Technician (Diploma)				57%	60%	14	7	50%	0	7	50%
Information Technology	CIS/Computer Technician Software (Diploma)					33%	4	3	75%	1	4	100%
Information Technology	CIS Systems Administrator (AAS)				77%	82%	26	21	81%	0	21	81%
Information Technology	IT Security (AAS)				63%	54%	25	20	80%	2	22	88%
Information Technology	Computer Programming (AAS/Diploma)	62%	55%	62%	63%	52%	82	50	61%	4	54	66%
Information Technology	Electronics Technology (AAS/Diploma)	74%	74%	77%	76%	71%	14	10	71%	0	10	71%
Information Technology	Network Administrator (AAS)	64%	74%	64%	78%	74%	58	42	72%	2	44	76%
Law, Public Safety & Security	Law Enforcement (AAS)	68%	66%	73%	77%	68%	68	51	75%	2	53	78%
Manufacturing	Mechatronics (AAS)	74%	70%	75%	75%	82%	41	36	88%	0	36	88%
Manufacturing	Welding (Diploma)		48%	47%	41%	75%	37	31	84%	0	31	84%
Marketing Sales and Services	Marketing (AAS)	60%	61%	69%	59%	63%	59	39	66%	0	39	66%
Science, Technology, Engineering & Mathematics	Civil Engineering Technology (AAS)	65%	78%	92%	85%	88%	25	20	80%	1	21	84%
Science, Technology, Engineering & Mathematics	Land Surveying Technology (AAS)					95%	20	18	90%	0	18	90%
Transportation, Distribution, & Logistics	Automotive Technology (AAS/Diploma)	68%	69%	79%	72%	69%	68	48	71%	0	48	71%
Transportation, Distribution, & Logistics	Collision Repair & Refinish Technology (AAS/Diploma)	73%	74%	70%	75%	82%	40	26	65%	0	26	65%
Transportation, Distribution, & Logistics	Diesel Technology (AAS/Diploma)	71%	75%	69%	79%	57%	53	37	70%	0	37	70%
	Program Prep***	44%	46%	55%	55%	52%	110	73	66%	9	82	75%
	TOTALS (%)	67%	69%	72%	71%	71%	1942	1393	72%	51	1444	74%
	Dual Enrollment/L2L (Fall 2016)						138					
	Non-Degree Seeking (Fall 2016)						77					
							2157					

* Fall 2016 10-day enrollment was adjusted as follows: Business - 2 no shows; Healthcare Leadership - 1 no show; Computer Network Security - 1 military deployment; Law Enforcement - 1 military deployment; Non-degree seeking - 1 no show

** New program no data available

***Program Prep: financial-aid eligible, degree-seeking students not yet accepted into technical programs



800 Mickelson Dr.
Rapid City, South Dakota 57703
1-605-394-4034

Western Dakota Tech 2012-2017 Retention Report (% graduated or retained)

CAREER CLUSTER	PROGRAMS	2011 Retention %	2012 Retention %	2013 Retention %	2014 Retention %	2015 Retention %	2016 Retention %	2016 10-Day Enrollment	2017 10-Day Program Area Retention #	2017 Program Retention %	2017 10-Day Institution Retention #	2017 10-Day Return and/or Graduated #	2017 Retention %
Architecture & Construction	Computer Aided Drafting (AAS/Diploma)	80%	82%	70%	74%	64%	61%	35	24	69%	1	25	71%
Architecture & Construction	HVAC/R Technology (AAS)	**	**	**	85%	60%	56%	20	15	75%	1	16	80%
Business, Management & Administration	Accounting (AAS/Diploma)	78%	71%	87%	84%	69%	81%	41	21	51%	0	21	51%
Business, Management & Administration	Business (AAS/Diploma)	58%	65%	65%	60%	64%	68%	74	45	61%	0	45	61%
Business, Management & Administration	Library Technician (AAS/Diploma)	**	100%	92%	76%	75%	82%	9	8	89%	0	8	89%
Health Science	Allied Health (AAS)	**	**	**	**	**	**	11	4	36%	2	6	55%
Health Science	Dental Assisting *NEW*	**	**	**	**	**	**	23	15	65%	1	16	70%
Health Science	Health Information Management (AAS/Diploma) New name	74%	74%	88%	90%	75%	75%	21	14	67%	1	15	71%
Health Science	Medical Assistant (AAS/Diploma)	74%	95%	81%	78%	105%	93%	18	10	56%	3	13	72%
Health Science	Medical Laboratory Technician *NEW*	**	**	**	**	**	**	28	22	79%	0	22	79%
Health Science	Paramedic (AAS)	63%	77%	63%	73%	67%	61%	48	19	40%	0	19	40%
Health Science	Pharmacy Technician (AAS/Diploma)	54%	69%	76%	77%	74%	39%	12	6	50%	0	6	50%
Health Science	Phlebotomy/Laboratory Assistant (Diploma)	55%	100%	82%	69%	72%	67%	14	6	43%	1	7	50%
Health Science	Practical Nursing (AAS/Diploma)	75%	87%	93%	71%	67%	57%	104	76	73%	3	79	76%
Health Science	Surgical Technology (Diploma)	81%	108%	89%	71%	86%	100%	47	39	83%	2	41	87%
Information Technology	Computer Science (AAS/Diploma)	70%	70%	82%	70%	62%	55%	49	29	59%	1	30	61%
Law, Public Safety, Corrections & Security	Criminal Justice (AAS)	**	**	**	**	55%	70%	34	18	53%	0	18	53%
Law, Public Safety, Corrections & Security	Fire Science (AAS)	83%	62%	67%	67%	59%	60%	19	10	53%	0	10	53%
Law, Public Safety, Corrections & Security	Law Enforcement (AAS)	81%	75%	76%	69%	71%	72%	37	22	59%	0	22	59%
Manufacturing	Precision Machining Technology	**	**	**	**	80%	100%	14	8	57%	0	8	57%
Manufacturing	Welding Manufacturing (AAS/Diploma)	58%	83%	71%	64%	71%	96%	82	58	71%	0	58	71%
Science, Technology, Engineering & Mathematics	Electrical Trades (AAS)	69%	74%	87%	78%	71%	87%	45	34	76%	1	35	78%
Science, Technology, Engineering & Mathematics	Environmental Engineering Technician (AAS)	77%	74%	81%	67%	48%	70%	27	21	78%	1	22	81%
Transportation, Distribution & Logistics	Transportation Technology (AAS)	61%	57%	60%	64%	62%	61%	70	51	73%	0	51	73%
	Program Prep***	31%	9%	**	**	**	**	**	**	**			**
	TOTALS (%)	67%	71%	77%	71%	68%	71%	882	575	65%	18	593	67%
	Dual Enrollment (Fall 2016)							182					
	Concurrent Credit (Fall 2016)							0					
	Non-Degree Seeking (Fall 2016)							9					
								1073					

**No data available

***Program Prep: financial-aid eligible, degree-seeking students not yet accepted into technical programs

(However, entering financial-aid eligible students at WDT are all placed in a program, rather than a program prep category.)

Appendix C | Placement Data by Career Cluster

Appendix C includes graduate placement data by career cluster for fall 2016, spring 2017 and summer 2017.

Clusters	Program Degree	Unduplicated Graduates	Responding	% Responding	Responding in South Dakota	% in South Dakota	Continuing Education / Military	Total Employable	Total Employed	% Employed	Employed in Field	% Employed in Field	Employed in South Dakota	% Employed in South Dakota	Employed in Field in SD	% Employed in Field in SD	Avg Hourly Wage
Agriculture, Food & Natural Resources	253	241	236	97.9%	193	81.8%	23	213	211	99%	197	93.4%	170	80.6%	158	74.9%	\$17.80
Architecture & Construction	291	285	261	91.6%	208	79.7%	25	235	225	96%	205	91.1%	175	77.8%	160	71.1%	\$18.56
Arts, Audio-Video Technology & Communications	18	17	9	52.9%	8	88.9%	2	7	4	57%	2	50.0%	4	100.0%	2	50.0%	\$14.00
Business, Management & Administration	307	237	196	82.7%	177	90.3%	34	161	153	95%	132	86.3%	136	88.9%	117	76.5%	\$15.24
Finance	24	23	23	100.0%	21	91.3%	2	21	20	95%	18	90.0%	19	95.0%	17	85.0%	\$16.00
Health Science	609	595	537	90.3%	437	81.4%	98	434	428	99%	401	93.7%	345	80.6%	323	75.5%	\$18.07
Hospitality & Tourism	8	8	8	100.0%	8	100.0%	1	7	7	100%	7	100.0%	7	100.0%	7	100.0%	\$13.32
Human Services	139	118	117	99.2%	103	88.0%	35	82	81	99%	67	82.7%	73	90.1%	59	72.8%	\$12.10
Information Technology	192	141	121	85.8%	105	86.8%	40	83	77	93%	65	84.4%	66	85.7%	54	70.1%	\$17.95
Law Public Safety & Security	62	62	60	96.8%	57	95.0%	7	52	49	94%	40	81.6%	45	91.8%	39	79.6%	\$19.34
Manufacturing	270	257	231	89.9%	213	92.2%	47	180	177	98%	158	89.3%	156	88.1%	142	80.2%	\$20.39
Marketing Sales and Service	73	69	61	88.4%	50	82.0%	8	52	51	98%	45	88.2%	41	80.4%	35	68.6%	\$15.67
STEM	97	76	68	89.5%	58	85.3%	7	61	60	98%	57	95.0%	49	81.7%	48	80.0%	\$19.05
Transportation Distribution & Logistics	215	205	194	94.6%	147	75.8%	8	186	183	98%	166	90.7%	137	74.9%	122	66.7%	\$17.84
Totals	2558	2334	2122	90.9%	1785	84.1%	337	1774	1726	97%	1560	90.4%	1423	82.4%	1283	74.3%	\$17.93