

South Dakota Technical Institute Graduate Outcome Report 2016





The South Dakota technical institutes offer many training pathways that can help graduates secure good jobs with high wages. Each year, South Dakota Technical Institutes survey their graduates six months after graduation. This report includes data from these surveys: employment, continuing education and other post-graduation outcomes for 2016 South Dakota Technical Institute graduates. Looking at how students succeed in high-demand, high-wage fields in the state provides technical institutes and stakeholders good information on the success of its programs and the degree to which the system is accomplishing its goals.

The report is divided up into three sections:

- **A summary page that encapsulates unique graduate data** from the four South Dakota technical institutes – Lake Area Technical Institute, Mitchell Technical Institute, Southeast Technical Institute and Western Dakota Technical Institute.
- **Credentials awarded by career cluster**, to include: total degrees conferred by cluster, employment rates by cluster, continuing education rates, employment, related employment rates, and weighted average wages reported per cluster. *Of note: Some students earn more than one degree and that data is reported on this table.*
- **Credential and diploma data per technical institute**, divided by program, to include: number of graduates per program (may include duplicated data); number of survey returns by program; those continuing education; in the military; still seeking; out of the labor market for extenuating circumstances; numbers employed; numbers employed in their field; numbers employed in their field in state; and average wage earned by graduates employed in the field by program.

The majority of data for this report comes from survey responses. But in cases where graduates did not return the survey, technical institutes ask instructors for information they can provide about graduates. Technical institutes may use social media to track nonresponding graduates, finding

employment data from Facebook profiles. LATI asks faculty first for data on students, to get in touch with students. Follow-up phone calls are also made to non-responders; as an example, Southeast Technical Institute student advisors contact non-responding students by phone or text. When all avenues of contact are exhausted -- mail, email, faculty information and follow-up texts and phone calls – non-respondent numbers are subtracted from total graduate numbers to calculate statistics for employment, continuing education, armed forces, and so on.

<h2>Snapshot of SD Technical Institute 2016 graduates</h2>	
	89.7% of those employed are employed in their field
82.48% of all respondents are employed	
	83.21% of those employed in their field are living in South Dakota

This report provides data by both unique and duplicated head count for two key reasons. First, graduate outcome data by unique headcount provide stakeholders and the institutions with a snapshot of outcomes for graduates.

Second, considering degrees by duplicated headcount is important because some students graduate from institutions with more than one credential in an academic year. For example, a student may earn a diploma in practical nursing and choose to also complete an associate of applied science degree in Health Leadership, which could better prepare him/her in attaining management positions in certain health care settings.

While Del Rossi and Hersch (2016) report limited economic benefit for double majors' post-graduation salary among bachelor-level graduates, little has been reported in the literature for two-year AAS/diploma graduates who earn more than one credential in an academic year. Turska (2016) found that students graduating with more than one degree had an expectation of greater success in the job market, and were subsequently more successful.

True double majors are rare in technical college settings. Instead, stackable credentials are a growing part of South Dakota technical institute program offerings. A stackable credential is not officially a double major; it is part of a sequence of credentials that can be accumulated over time and move an individual along a career pathway or up a career ladder. At South Dakota technical institutes, students who complete more than one credential in an academic year are most often stacking related credentials together for greater career flexibility.

Reporting duplicated credential data for technical institute graduates informs institutions and stakeholders about how to shape curriculum that best prepares students for the workforce. To illustrate, if wages prove to be as high or higher for diploma graduates, compared to Associate of Applied Science graduates in a particular career pathway, technical institutes have an opportunity to change or adapt curriculum, by either eliminating AAS tracks or reconfiguring them to enhance student skills.

There are differences in this technical institute-gathered data, compared to what's available with a third party collection source. For example, survey

data from the technical institutes include self-employed, continuing education and military information, which isn't collected easily through third-party sources. It's also of great value to get insight on graduates' reflections of their education. It's understood that wage data reported by graduates are for entry-level careers and that wages grow as individuals gain more experience. For instance, data provided in the table below from the South Dakota Department of Labor's Labor Market Information Center show a steady increase in wages for graduates in a select sample of high-demand technical institute programs.

Degree	2008 Graduates	2009 Wages	2014 Wages	Graduates Earning Wages in SD
AAS – Automobile Mechanics Technology - 470604	57	\$19,649	\$31,990	43
Diploma: Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician 470201	12	\$35,059	\$46,882	9
AAS/Dipl: Welding Technology 480508	30+ (less than 5 in 2008 AAS program)	\$8,161	\$41,457	21
Diploma: Licensed Practical Nurse 513901	130	\$15,695	\$32,493	81

Source: SD Department of Labor/Labor Market Information Center: Graduate Outcome System & data reports 2017

Institutional accountability for student outcomes is a top priority for technical institutes.

Graduate outcome data are gathered to assist technical institutes in making informed decisions about programs. Future students and their parents are

also scrutinizing the return on investment in higher education and are seeking data to inform their decision-making, related to admissions acceptance and program selection. Collected data informs the following decisions at South Dakota Technical Institutes: the success of the technical institute system in meeting its goals; whether curriculum/training should be reconfigured; the consideration of market trends in employment for graduates; and the evaluation of employability skills training and any areas of needed emphasis.

HIGHLIGHTS

- Response rates continue to be high, at 91.72% of all technical institute graduates
- Placement/career outcomes also continue to be high; 98.24% of unique respondents are either employed, in the military or pursuing continuing education. NOTE: This data point is calculated out of survey respondents, not total, unique graduates.
- Considering that South Dakota technical institutes are largely border-located institutions, placement in-state is high, at 84.85% of survey respondents. This includes those respondents staying in state for continuing education.
- The top three cluster areas in terms of wages, averaged across all four technical institutes are as follows:
 - Agriculture, Food and Natural Resources, where reported hourly wages averaged \$19.36 per hour, which translates to approximately \$40,268.80 per year, assuming graduates are employed full-time (2080 hours per year). Caveat: Lake Area Technical Institute contributed the majority of graduates in this cluster, 142 LATI graduates out of 225 graduates system wide.
 - Information Technology, where reported hourly wages averaged \$19.20 per hour, roughly translating to approximately \$39,520 per year, assuming graduates are employed full-time (2080 hours per year).
 - Manufacturing, where reported hourly wages averaged \$18.90 per hour which translates to approximately \$38,500 per year for full-time employment.

- The three cluster areas with the lowest reporting average wages for the technical institutes are as follows:
 - Human Services, where reported hourly wages averaged \$11.23 per hour, which translates to \$23,358.40 per year, assuming graduates are employed full time.
 - Hospitality and Tourism, where reported hourly wages averaged \$11.65 per hour, which translates to \$24,232 per year, assuming graduates are employed full time.
 - Marketing, Sales, and Service, where reported hourly wages averaged \$13.38 per hour, which translates to \$27,830.40 per hour, assuming graduates are employed full time.

RESOURCES:

- Del Rossi, A., & Hersch, J. (2016). The Private and Social Benefits of Double Majors. *Journal of Benefit-Cost Analysis*, 7(2), 292-325. doi:10.1017/bca.2016.14
- South Dakota Department of Labor and Regulation (2017). Postsecondary graduate outcomes system. Retrieved from: <http://apps.sd.gov/LD56WDQI/Reports/Report1.aspx>.
- Turska, E. (2016). Is Double-Degree Goal Equally Good for All Students? Moderating Impact of Interval Activity Style. *Problemy Zarządzania*, 14(2 (60), t. 2 Methods of Survey Analysis in Management), 134-146.



South Dakota Technical Institute Placement Report for 2016 Graduates

March 2017

2016 Graduate Placement Report Process:

Each technical institute conducts a survey of graduates 6 months following their graduation. Responses included in this report are self-reports for 2016 technical institute graduates. This summary table shows data for unique graduates. Some graduates earn more than one degree and that data is reported on the second page on the Career Clusters table.

Overall 2016 Placement Report - Unique Graduates

	Graduates	Graduates Responding	Survey Response Rate	Employed	Employed In Field	Employed in South Dakota	Employed In Field, In South Dakota	Continuing Education	Armed Forces	Not in Labor Market*	Still Seeking	Placement Out of Survey Respondents	Of Those Employed, % In South Dakota	Of Those Employed In Field, % In South Dakota	Employed, Continuing Education, Military % in South Dakota
LATI	708	700	98.87%	565	519	480	437	119	2	4	10	98.56%	84.96%	84.20%	85.86%
MTI	426	423	99.29%	375	337	290	261	43	0	2	3	99.29%	77.33%	77.45%	79.20%
STI	706	593	83.99%	498	446	400	366	78	0	6	11	98.13%	80.32%	82.06%	81.59%
WDT	282	231	81.91%	168	139	136	135	52	1	1	9	96.09%	80.95%	97.12%	96.00%
TOTAL	2,122	1,947	91.72%	1,606	1,441	1,306	1,199	292	3	13	33	98.29%	81.32%	83.21%	84.85%

*Not in Labor Market: Self-reported exclusions such as disabilities, medical conditions, death, incarcerations, raising families, caring for families or visa restrictions.

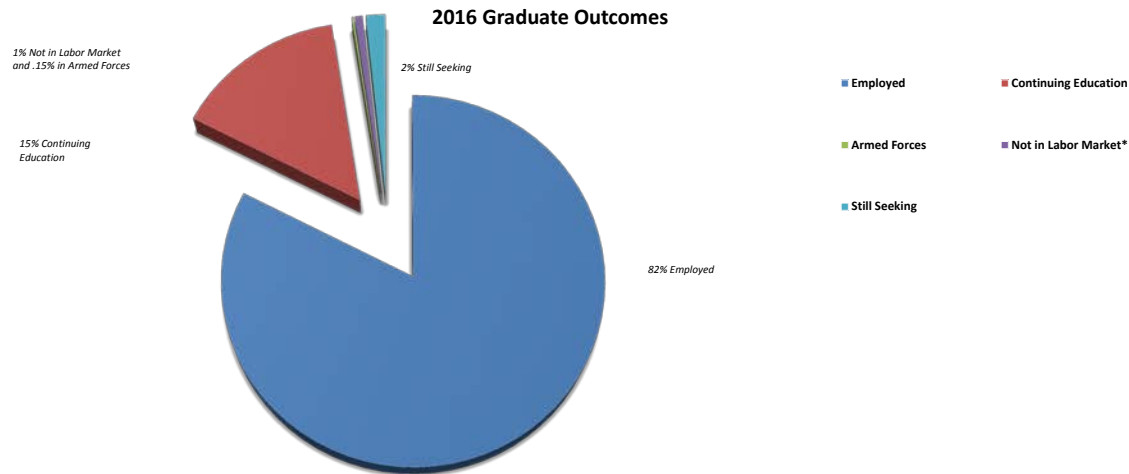
Calculations for Placement Rates in this Report:

Total Placement = (Employed + Continuing Education + US Armed Forces) / (Graduates Responding - Not in Labor Market); NOTE - Placement is calculated out those responding to survey, not all graduates

Of Those Employed, % Employed In South Dakota = Employed in South Dakota/Employed

Of Those Employed In Field, % Employed In South Dakota = Employed in Field, In South Dakota/Employed in Field

Employed, Continuing Education, Military % in South Dakota = Number employed in SD + Number continuing education in SD + Number in Military in SD / total of those employed + those continuing education + those in military



SOUTH DAKOTA'S TECHNICAL INSTITUTES



Technical Institutes 2016 Outcomes: Credentials Awarded by Program per Career Cluster*

Clusters	Program Degrees*	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 Salary
Agriculture, Food & Natural Resources	225	219	97.3%	181	82.6%	21	197	195	99.1%	183	94%	161	83%	153	83.60%	\$19.36
Architecture & Construction	256	240	93.8%	189	78.8%	33	201	201	98.3%	178	88.6%	149	74%	136	76%	\$18.55
Arts, Audio-Video Technology & Communications	16	16	100.0%	16	100.0%	16	15	13	86.7%	9	69.2%	12	92%	9	100%	\$15.05
Business, Management & Administration	288	233	80.9%	203	87.1%	41	189	186	98.4%	157	84.4%	161	86.56%	138	87.90%	\$14.23
Finance	16	15	93.8%	13	86.7%	0	15	15	100%	13	86.7%	13	100%	11	84.61%	\$13.97
Health Science	614	557	90.7%	453	81.3%	83	472	456	96.6%	428	93.9%	357	78.29%	333	77.80%	\$17.30
Hospitality & Tourism	5	5	100.0%	5	100.0%	0	5	5	100%	5	100.0%	5	100%	5	100%	\$11.65
Human Services	141	140	99.3%	131	93.6%	33	107	107	100%	94	87.9%	100	93.46%	88	93.62%	\$11.23
Information Technology	168	137	81.5%	117	85.5%	18	119	117	98.3%	104	88.9%	96	82.05%	85	81.73%	\$19.14
Law Public Safety & Security	56	47	83.9%	44	93.6%	5	42	41	97.6%	33	80.5%	35	85.37%	31	93.94%	\$17.24
Manufacturing	203	188	92.6%	177	94.2%	53	133	131	98.5%	115	87.8%	120	91.60%	105	91.30%	\$18.90
Marketing Sales and Service	67	59	88.1%	53	89.8%	8	50	49	98%	46	93.9%	45	91.84%	38	82.61%	\$13.38
STEM	77	68	88.3%	55	80.9%	3	65	65	100%	58	89.2%	52	80.00%	47	81.03%	\$18.65
Transportation Distribution & Logistics	195	188	96.4%	168	89.4%	10	176	171	97.16%	154	90.1%	153	89.47%	135	87.66%	\$17.47
Totals	2327	2112	90.7%	1805	85.5%	324	1786	1752	98%	1577	90%	1459	83%	1314	83%	

* Some graduates earn more than one degree, and that information is reflected in this data table. Total number of degrees conferred may not equal unique graduates expressed on the Summary page



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Lake Area Technical Institute 2015-16 Placement Report by Clusters

Clusters	Programs	CIP Code	Graduates	Number Responding	Number in South Dakota	Continuing Ed / Military	Not in Labor Market	Still Seeking	Total Employable	Total Employed	Employed in Field	Employed in SD	Employed in Field in SD	% Employed	% Employed in Field	Avg Hourly Salary
Agriculture, Food & Natural Resources	Agriculture (AAS)*	01.0101	138	138	117	15	1	0	122	122	116	101	95	100%	95%	\$21.83
Agriculture, Food & Natural Resources	Environmental Tech (AAS/Diploma)	03.0104	4	4	1	2	0	1	2	1	1	0	0	50%	50%	\$14.00
Architecture & Construction	Building Trades (AAS)	46.0201	7	6	6	1	0	0	5	5	5	5	5	100%	100%	\$16.08
Architecture & Construction	Heavy Equipment Operations (AAS/ Diploma)	49.0202	15	14	11	3	0	0	11	11	11	8	8	100%	100%	\$19.90
Finance	Financial Services (AAS)	52.0803	16	15	13	0	0	0	15	15	13	13	11	100%	87%	\$13.97
Health Science	Dental Assisting (AAS/Diploma)	51.0601	38	37	32	3	0	0	34	34	33	29	28	100%	97%	\$16.71
Health Science	Medical Assisting (AAS/Diploma)	51.0801	15	15	15	0	0	0	15	15	15	15	15	100%	100%	\$12.32
Health Science	Medical Lab Tech (AAS)	51.1004	9	9	7	0	0	1	9	8	8	6	6	89%	89%	\$18.14
Health Science	Occupational Therapy Asst (AAS)	51.0803	21	21	13	2	1	1	18	17	15	11	9	94%	83%	\$20.96
Health Science	Physical Therapist Asst (AAS)	51.0806	23	23	15	0	0	2	23	21	18	13	11	91%	78%	\$19.27
Health Science	Practical Nursing (Diploma)	51.3901	57	57	49	24	0	1	33	32	32	26	26	97%	97%	\$17.49
Human Services	Cosmetology (Diploma)	12.0401	29	28	27	2	0	0	26	26	24	25	23	100%	92%	
Human Services	Human Services Tech (AAS/Diploma)	44.0000	43	43	39	26	0	0	17	17	11	16	11	100%	65%	\$10.73
Information Technology	Computer Systems (AAS)	11.0701	12	11	10	1	0	0	10	10	9	9	8	100%	90%	\$17.12
Law, Public Safety, Corrections & Security	Law Enforcement (AAS)	43.0107	12	12	11	0	0	0	12	12	10	11	10	100%	83%	\$19.72
Law, Public Safety, Corrections & Security	Med/Fire Rescue (AAS)	51.0904	3	3	2	0	0	0	3	3	3	2	2	100%	100%	\$22.26
Manufacturing	Energy Operations (AAS)	15.0613	5	5	4	1	0	1	4	3	3	2	2	75%	75%	\$20.18
Manufacturing	Energy Technology (AAS)	15.1001	9	9	8	1	0	0	8	8	5	7	5	100%	63%	\$25.93
Manufacturing	Precision Machining (AAS/Diploma)	48.0501	25	25	24	2	0	0	23	23	22	22	21	100%	96%	\$22.86
Manufacturing	Electronics/Robotics (AAS)	15.0405	12	12	11	2	0	0	10	10	9	9	8	100%	90%	\$22.01
Manufacturing	Welding Technology (AAS/Diploma)	48.0508	48	48	45	24	0	0	24	24	20	21	17	100%	83%	\$16.90
Marketing	Business Associate/Entrepreneurship (AAS/Diploma)	52.1401	35	34	30	5	1	0	28	28	25	25	22	100%	89%	\$13.53
Transportation Distribution & Logistics	Automotive (AAS)	47.0604	21	20	19	1	0	0	19	19	18	19	17	100%	95%	\$17.15
Transportation Distribution & Logistics	Aviation Maintenance (AAS/Diploma)	47.0608	11	11	4	2	1	0	8	8	7	2	1	100%	88%	\$19.26
Transportation Distribution & Logistics	Custom Paint & Fabrication Technology	47.0603	20	20	19	2	0	1	18	17	14	16	13	94%	78%	\$15.78
Transportation Distribution & Logistics	Diesel Technology (AAS)	47.0605	73	73	65	2	0	2	71	69	65	61	57	97%	92%	\$20.58
Transportation Distribution & Logistics	High Performance Engine Machining (AAS/Diploma)	47.0615	7	7	6	0	0	0	7	7	7	6	6	100%	100%	\$17.44
	TOTALS		708	700	603	121	4	10	575	565	519	480	437	98%	90%	

* Wage figures do not necessarily include bonuses, overtime, or the earnings of graduates who are self employed farmers.
**Cosmetology salaries are heavily comprised of commission, tips, and retail sales so accurate salary data is not available.

2015-2016 LATI Degrees and Diplomas Conferred

Graduates	708	
Responding	700	99% of Total Graduates
Not in the Labor Market*	4	1% of Graduates Responding
In the US Armed Forces	2	0% of Graduates Responding
Seeking Placement (Responding - Not in Labor Market - Military)	694	99% of Total Graduates Responding
Continuing Education	119	17.15% of Graduates Seeking Placement
Employed	565	81.41% of Graduates Seeking Placement
Employed in South Dakota	480	85% of Total Graduates Employed
Employed in a training-related field	519	92% of Total Graduates Employed
Employed in a training-related field in South Dakota	437	84% of Total Graduates Employed in training-related field
Seeking Employment	10	<1.4% of Graduates Seeking Placement

OVERALL GRADUATE PLACEMENT RATE (Employed or Continuing Education) = 98.56%

*"Not in Labor Market" is self-reported status and includes such cases as chronic illness, raising families, or severe injury



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Mitchell Technical Institute 2015-2016 Placement Report by Clusters

Clusters	Programs	CIPs	Number of Graduates	Number Responding	Number in SD	Continuing Ed / Military	Continuing Ed/ Military in SD	Not in the Labor Market	Still Seeking	Total Employable	Total Employed	Employed in Field	Employed in SD	Employed in Field in SD	% Employed	% Employed in Field	Avg Hourly Salary
Agriculture, Food & Natural Resources	Ag Technology (AAS)	01.0301	34	34	32	2	2	0	0	32	32	32	30	30	100%	100%	\$15.44
Agriculture, Food & Natural Resources	Farm Power Technology (AAS)	01.0205	18	18	16	2	2	0	0	16	16	16	14	14	100%	100%	\$16.97
Architecture & Construction	Architectural Design & Building Construction (AAS)	46.0415	10	10	10	0	0	0	0	10	10	10	10	10	100%	100%	\$17.31
Architecture & Construction	Electrical Construction & Maintenance (AAS/Diploma)	46.0302	33	33	31	4	4	0	0	29	29	28	27	26	100%	97%	\$16.46
Architecture & Construction	Heating & Cooling Technology (AAS/Diploma)	15.0501	3	3	3	0	0	0	0	3	3	3	3	3	100%	100%	\$18.00
Architecture & Construction	Industrial Maintenance Technology (Diploma)	46.0401	6	6	4	0	0	0	0	6	6	4	4	3	100%	67%	\$15.77
Architecture & Construction	Power Line Construction & Maintenance (AAS/Diploma)	46.0303	83	82	48	12	12	0	2	70	68	55	34	26	97%	79%	\$20.96
Architecture & Construction	Propane & Natural Gas Technologies (Diploma)	46.9999	11	11	9	5	5	0	0	6	6	3	4	3	100%	50%	\$20.33
Architecture & Construction	Wind Turbine Technology (AAS)	15.0503	10	10	7	1	0	0	0	9	9	8	7	6	100%	89%	\$20.88
Business, Management & Administration	Accounting/Business Management (AAS/Diploma)	52.0305	31	31	27	3	2	0	0	28	28	25	25	23	100%	89%	\$14.13
Health Science	Advanced Medical Imaging (AAS/Certificate)	51.0920	7	7	5	0	0	0	0	7	7	7	5	5	100%	100%	\$20.95
Health Science	Licensed Practical Nursing (Diploma) *NEW no grads yet	51.3901															
Health Science	Medical Assistant (AAS)	51.0801	12	12	9	0	0	1	0	11	11	11	8	8	100%	100%	\$13.26
Health Science	Medical Laboratory Technology (AAS)	51.1004	6	6	6	0	0	0	0	6	6	6	6	6	100%	100%	\$16.40
Health Science	Medical Office Professional (AAS)	51.0710	16	16	14	0	0	0	1	16	15	13	13	11	94%	81%	\$13.08
Health Science	Radiation Therapy (AAS)	51.0907	3	3	0	0	0	0	0	3	3	3	0	0	100%	100%	\$28.44
Health Science	Radiologic Technology (AAS)	51.0911	10	10	7	1	1	0	0	9	9	9	6	6	100%	100%	\$19.00
Health Science	Speech-Language Pathology Assistant (AAS)	51.0816	12	12	11	0	0	0	0	12	12	11	11	10	100%	92%	\$16.20
Human Services	Human Services Technician (AAS)	44.0000	14	14	12	1	1	0	0	13	13	12	11	10	100%	92%	\$12.88
Hospitality & Tourism	Culinary Arts (AAS/Diploma)	12.0503	5	5	5	0	0	0	0	5	5	5	5	5	100%	100%	\$11.65
Information Technology	Information Systems Technology (AAS/Diploma)	11.1001	12	12	10	1	1	0	0	11	11	9	9	7	100%	82%	\$16.62
Information Technology	Office Technology Specialist (AAS/Diploma)	52.0407	11	10	10	3	3	0	0	7	7	6	7	6	100%	85%	\$15.19
Information Technology	Satellite Communications (AAS)	09.0799	10	10	4	0	0	0	0	10	10	9	4	3	100%	90%	\$21.37
Information Technology	Telecommunications (AAS)	15.0305	13	13	10	0	0	0	0	13	13	11	10	8	100%	85%	\$17.86
Manufacturing	Welding & Manufacturing Technology (AAS/Diploma)	15.0614	18	18	17	4	4	0	0	14	14	14	13	13	100%	100%	\$18.25
Science, Technology, Engineering & Mathematics	Automation Controls/SCADA (AAS)	15.0406	8	8	6	1	1	0	0	7	7	6	5	4	100%	86%	\$24.76
Science, Technology, Engineering & Mathematics	Precision Technology Specialist (AAS)	45.0702	21	21	17	1	1	0	0	20	20	18	16	14	100%	90%	\$18.05
Transportation, Distribution, & Logistics	Power Sports Technology (AAS/Diploma)	47.0606	15	14	12	2	2	1	1	11	10	8	8	6	91%	73%	\$12.67
TOTALS			432	429	342	43	41	2	4	384	380	342	295	266	99%	89%	

2015-2016 MTI Degrees & Diplomas Conferred

Total Degrees/Diplomas Conferred

Responding

Not in the Labor Market*

In the US Armed Forces

Seeking Placement (Grads Responding - Not in Labor Market - Military)

432

429

2

0

427

99% of Total Graduates
0.4% of Total Graduates Responding
0% of Total Graduates Responding
99.5% of Total Graduates Responding

Graduates in South Dakota 337 79% of Responding

Reporting Continuing Education

Employed

Employed in South Dakota

Employed in a training-related field (including self-employed)

Employed in a training-related field in South Dakota

Seeking Employment

42

375

291

337

262

4

10% of Graduates Seeking Placement
88% of Graduates Seeking Placement
77% of Total Graduates Employed
89% of Total Graduates Employed
70% of Total Graduates Employed
0.9% of Graduates Seeking Placement

Overall Program Placement Rate (Employed/Continuing Education) = 99.0%



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Southeast Technical Institute 2015-2016 Placement Report by Clusters

Clusters	Programs	CIP's	Number of Graduates	Number Responding	Number in SD	Continuing Ed/ Military	Not in Labor Market	Still Seeking	Total Employable	Total Employed	Employed in Field	Employed in SD	Employed in Field in SD	% Employed	% Employed in Field	Avg Hourly Salary
Agriculture, Food & Natural Resources	Horticulture Technology (AAS)	01.0601	10	6	4	0	0	1	6	5	4	4	2	83%	80%	\$13.67
Agriculture, Food & Natural Resources	Landscape Technology (AAS)	01.0605	12	11	6	0	0	0	11	11	10	6	5	100%	91%	\$13.88
Agriculture, Food & Natural Resources	Sports Turf Management Technology (AAS)	01.0607	9	8	5	0	0	0	8	8	8	5	5	100%	100%	\$14.00
Architecture & Construction	Architectural/Construction Technology (AAS)	15.0101	14	12	12	0	2	0	10	10	9	9	9	100%	90%	\$19.28
Architecture & Construction	Electrical Trades (AAS) - new program - no grads yet	43.0302														
Architecture & Construction	Mechanical Engineering Technology (AAS)	15.0805	10	8	7	0	0	1	8	7	6	6	5	88%	86%	\$18.38
Architecture & Construction	Construction Management Technology (AAS)	15.1001	7	4	4	0	0	0	4	4	4	4	4	100%	100%	\$17.85
Architecture & Construction	Mechanical Systems/Plumbing Technology (Diploma)	46.0503	7	6	6	0	0	0	6	6	6	6	6	100%	100%	\$15.02
Architecture & Construction	Heating/Ventilation/AC/Refrigeration (AAS/Diploma)	47.0201	25	22	18	7	0	1	15	14	13	9	9	93%	93%	\$16.17
Arts, Audio-Video Technology & Communications	Digital Media Production Technology(AAS)	10.0304	2	2	2	1	0	0	1	1	0	1	0	100%	0%	
Arts, Audio-Video Technology & Communications	Media Design (Graphic Communications) (AAS)	10.0303	30	24	20	5	0	1	19	18	16	14	14	86%	75%	\$15.05
Business, Management & Administration	Accounting (AAS/Diploma)	52.0301	140	105	92	17	2	2	86	84	71	70	60	98%	85%	\$15.05
Business, Management & Administration	Business Administration (AAS)	52.0101	6	4	2	0	0	0	4	4	3	2	1	100%	75%	\$13.00
Business, Management & Administration	Entrepreneurship (AAS)	52.0701	6	5	3	0	0	0	5	5	5	3	3	100%	100%	\$13.05
Business, Management & Administration	Financial Services Banking Emphasis (AAS)	52.0803	4	4	4	0	0	0	4	4	4	4	4	100%	100%	\$12.56
Business, Management & Administration	Financial Services Insurance Emphasis (AAS)	52.1701	4	4	4	0	0	0	4	4	4	4	4	100%	100%	\$12.06
Business, Management & Administration	Administrative Assistant (AAS)	52.0401	9	6	6	2	0	0	4	4	4	4	4	100%	100%	\$12.06
Business, Management & Administration	Office Assistant (Diploma)	52.0408	8	6	6	2	0	0	4	4	4	4	4	100%	100%	\$12.06
Health Science	Health Leadership (AAS)	51.0000	7	7	4	0	0	0	7	7	6	4	4	100%	86%	\$15.88
Health Science	Bio-Medical Equipment Technology (AAS)	15.0401	12	11	5	0	0	0	11	11	10	5	4	100%	91%	\$20.99
Health Science	Cardiovascular Technology - split below	51.0901														
Health Science	Cardiac Ultrasound (AAS)	51.0901	9	8	5	0	0	0	8	8	8	3	3	100%	100%	\$22.25
Health Science	Invasive Cardiovascular (AAS)	51.0901	4	4	4	0	0	0	4	4	4	4	4	100%	100%	\$22.70
Health Science	Vascular Ultrasound (AAS)	51.0901	3	3	0	0	0	0	3	3	3	0	0	100%	100%	\$27.38
Health Science	Diagnostic Medical Sonography (AAS)	51.0910	13	13	2	0	0	0	13	13	13	2	2	100%	100%	\$27.10
Health Science	Electroneurodiagnostic Technology ENDT (AAS)	51.0903	12	10	3	0	0	0	10	10	10	3	3	100%	100%	\$19.92
Health Science	Healthcare Office Specialist (Diploma)	51.0703	30	24	23	12	0	1	12	11	9	11	9	92%	82%	\$15.57
Health Science	Medical Coding	51.0713	20	17	17	1	0	1	16	15	13	15	13	94%	87%	\$17.75
Health Science	Licensed Practical Nursing (Diploma)	51.3901	93	78	67	18	0	1	60	59	57	49	49	98%	97%	\$15.93
Health Science	Nuclear Medicine (AAS)	51.0905	7	6	3	1	0	0	5	5	3	2	0	100%	60%	\$28.44
Health Science	Pharmacy Technician (Diploma)	51.0805	10	10	10	1	0	1	9	8	8	8	8	89%	100%	\$13.28
Health Science	Phlebotomy (Diploma)	51.1099	19	18	14	3	0	0	15	15	13	11	9	100%	87%	\$12.78
Health Science	Registered Nurse (AAS)	51.3801	24	21	21	0	0	0	21	21	21	21	21	100%	100%	\$22.53
Health Science	Surgical Technology (Diploma)	51.0909	10	10	8	0	0	0	10	10	10	8	8	100%	100%	\$16.13
Human Services	Early Childhood Specialist (AAS/Diploma)	19.0708	55	55	53	4	0	0	51	51	47	48	44	100%	92%	\$10.98
Information Technology	CIS Computer Technician (Diploma)	11.9999	33	23	20	5	0	1	18	17	15	14	13	94%	88%	\$19.78
Information Technology	CIS Systems Administrator (AAS)	11.1001	12	11	9	1	0	0	10	10	10	8	8	100%	100%	\$21.54
Information Technology	Computer Network Security (AAS)	11.1003	8	7	7	0	0	0	7	7	6	6	6	100%	86%	\$25.75
Information Technology	Computer Programming (AAS)	11.0201	14	7	5	0	0	0	7	7	7	5	5	100%	100%	\$16.83
Information Technology	Electronics Technology (AAS/Diploma)	47.0101	7	6	6	2	0	0	4	4	3	4	3	100%	75%	\$15.45
Information Technology	Network Administration (AAS)	11.0901	19	15	14	1	0	0	14	14	13	13	12	100%	93%	\$20.40
Law, Public Safety & Security	Law Enforcement (AAS)	43.0107	17	12	11	0	0	0	12	12	11	11	10	100%	92%	\$14.89
Manufacturing	Mechatronics (AAS)	15.0403	17	11	11	1	2	0	8	8	7	8	7	100%	88%	\$20.88
Manufacturing	Welding	48.0508	24	22	19	1	0	0	21	21	19	18	16	100%	90%	\$16.68
Marketing, Sales/Services	Marketing (AAS)	52.1401	32	25	23	3	0	1	22	21	21	20	16	95%	100%	\$13.18
Science, Technology, Engineering & Mathematics	Civil Engineering Technology (AAS)	15.0201	16	14	11	1	0	0	13	13	12	10	10	100%	92%	\$18.12
Science, Technology, Engineering & Mathematics	Land Surveying Technology (AAS/Diploma)	15.1102	13	12	9	0	0	0	12	12	11	9	9	100%	92%	\$18.12
Transportation	Automotive Technology (AAS/Diploma)	47.0604	14	13	13	0	0	0	13	13	13	13	13	100%	100%	\$12.13
Transportation	Collision Repair & Refinish Technology (AAS/Diploma)	47.0603	9	7	7	0	0	0	7	7	5	7	5	100%	71%	\$13.90
Transportation	Diesel Technology (AAS/Diploma)	47.0605	12	10	10	0	0	0	10	10	9	10	9	100%	90%	\$15.42
	TOTALS		888	737	625	89	6	14	642	628	573	513	467	98%	91%	

* Wages not available

2015-2016 STI Degrees and Diplomas Conferred

Total Degrees/Diplomas Conferred

Responding

Not in Labor Market*

In the US Armed Forces

Total Seeking Placement (Responding - Not in Labor Market - Military)

888

737

6

0

731

83% of Total Graduates

1% of Graduates Responding

0% of Graduates Responding

99% of Total Graduates Responding

Graduates in South Dakota

603

82% of Responding

Reporting Continuing Education

Employed

89

627

12% of Graduates Seeking Placement

85% of Graduates Seeking Placement

Employed in South Dakota

Employed in a training-related field

Employed in a training-related field in South Dakota

513

572

467

82% of Total Graduates Employed

91% of Total Graduates Employed

82% of Total Graduates Employed

Seeking Employment

642

88% of Graduates Seeking Placement

OVERALL PROGRAM PLACEMENT RATE (Employed or Continuing Education) =

94%

**Not in Labor Market* is self-reported status and includes such cases as chronic illness, raising families, or severe injury



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Western Dakota Technical Institute 2015-2016 Placement Report by Clusters

Clusters	Programs	CIP's	Number of Graduates	Number Responding	Number in SD	Continuing Ed / Military	Not in the Labor Market	Still Seeking	Total Employable	Total Employed	Employed in Field	Employed in SD	Employed in Field in SD	% Employed	% Employed in Field	Avg Hourly Salary
Architecture & Construction	Computer-Aided Drafting (AAS)	15.1301	11	9	9	0	0	0	9	9	9	9	9	100%	100%	\$14.00
Architecture & Construction	HVAC Technology/Plumbing (AAS)	47.0201	4	4	4	0	0	0	4	4	4	4	4	100%	100%	\$15.00
Business, Management & Administration	Bookkeeping	52.0301	10	9	7	4	1	0	4	4	3	3	3	100%	75%	\$13.72
Business, Management & Administration	Accounting (AAS)	52.0301	13	12	11	2	0	0	10	10	9	9	9	100%	90%	\$14.59
Business, Management & Administration	Business Management & Marketing (AAS/Dipl)	52.0201	15	13	12	2	0	0	11	11	8	11	8	100%	73%	\$15.73
Business, Management & Administration	Entrepreneurship (Dipl)	52.0701	3	3	3	0	0	0	3	3	1	3	1	100%	33%	\$14.00
Business, Management & Administration	Library Technician (Diploma/AAS)	25.0301	8	7	6	4	0	0	3	3	1	3	1	100%	33%	\$12.82
Business, Management & Administration	Office Professional (Dipl)	52.0201	1	1	1	0	0	0	1	1	1	1	1	100%	100%	\$9.25
Business, Management & Administration	Paralegal (AAS)	22.0302	1	0	0	0	0	0	0	0	0	0	0	NA	NA	NA
Business, Management & Administration	Social Media Marketing (AAS)	52.0201	3	3	3	0	0	0	3	3	2	3	2	100%	67%	\$16.85
Health Science	Allied Health (AAS)	51.0899	7	6	6	1	0	1	5	4	3	4	3	80%	75%	\$15.38
Health Science	Health Information Management (AAS/Diploma)	51.0708	11	7	7	0	0	0	7	7	6	7	6	100%	86%	\$11.86
Health Science	Medical Assistant (AAS)	51.0801	8	7	6	2	0	1	5	4	3	4	3	80%	75%	\$11.43
Health Science	Health Care Technician	51.0801	8	7	7	4	0	1	3	2	2	2	2	67%	100%	\$12.00
Health Science	Paramedic (AAS)	51.0904	9	8	7	0	0	0	8	8	8	7	7	100%	100%	\$12.94
Health Science	Pharmacy Technician (Diploma/AAS)	51.0805	13	10	9	2	0	0	8	8	7	7	6	100%	88%	\$13.31
Health Science	Phlebotomy / Lab Assistant (Diploma)	51.1099	15	15	15	6	0	2	9	7	6	7	6	78%	86%	\$11.42
Health Science	Practical Nursing (Diploma)	51.3901	25	16	16	2	0	1	14	13	12	13	12	93%	92%	\$15.63
Health Science	Surgical Technology (AAS)	51.0909	16	13	11	0	0	0	13	13	12	11	10	100%	92%	\$18.05
Information Technology	Computer Science/Programming & Computer Networking & Programming & Application Development	11.0901	17	12	12	4	0	1	8	7	6	7	6	88%	86%	\$19.50
Law, Public Safety, Corrections & Security	Criminal Justice	43.0104	13	11	11	4	0	1	7	6	3	3	3	86%	50%	\$15.26
Law, Public Safety, Corrections & Security	Fire Science	43.0203	4	2	2	1	0	0	1	1	1	1	1	100%	100%	\$11.93
Law, Public Safety, Corrections & Security	Law Enforcement	43.0107	7	7	7	0	0	0	7	7	5	7	5	100%	71%	\$17.64
Manufacturing	Welding Manufacturing Technology (AAS/Dipl)	48.0599	37	31	31	15	0	1	16	15	11	15	11	94%	73%	\$14.79
Manufacturing	Precision Machining (AAS/Diploma)	48.0501	8	7	7	2	0	0	5	5	5	5	5	100%	100%	\$12.34
Science, Technology, Engineering & Mathematics	Electrical Trades (AAS)	46.0302	13	10	9	0	0	0	10	10	8	9	7	100%	80%	\$15.25
Science, Technology, Engineering & Mathematics	Environmental Engineering Technician	15.0599	6	3	3	0	0	0	3	3	3	3	3	100%	100%	\$18.00
Transportation, Distribution & Logistics	Transportation Technology	47.0699	13	13	13	1	0	1	12	11	8	11	8	92%	73%	\$14.64
	TOTALS		299	246	235	56	1	10	189	179	147	169	142	95%	81%	

*Wages not available.

2015-2016 WDT Degrees and Diplomas Conferred

Total Degrees/Diplomas Conferred

Responding

Not in the Labor Market

In US Armed Forces

Total Seeking Placement (Responding - Not in Labor Market - Military)

Reporting Continuing Education

Employed

Employed in South Dakota

Employed in training-related career

Employed in training-related career in South Dakota

Seeking Employment

299

246

1

1

244

56

179

169

147

142

10

82% of Total Graduates

0% of Graduates Responding

0% of Graduates Responding

99% of Total Graduates Responding

23% of Graduates Seeking Placement

73% of Graduates Seeking Placement

94% of Total Graduates Employed

82% of Total Graduates Employed

97% of Total Graduates Employed

4% of Graduates Seeking Placement

Graduates in South Dakota 235 96% of Responding

OVERALL PROGRAM PLACEMENT RATE (Employed or Continuing Education)= 96%

**Not in Labor Market* is self-reported status and includes such cases as chronic illness, raising families, or severe injury