



south dakota
DEPARTMENT OF EDUCATION
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SOUTH DAKOTA'S TECHNICAL INSTITUTES



Technical Institutes 2006-2010 Retention Report by Career Clusters

Career Clusters	2006 Retention %	2007 Retention %	2008 Retention %	2009 Retention %	2009 10-Day Enrollment	2010 10-Day Return and/or Graduated #	2010 Retention %
Agriculture, Food & Natural Resources	76%	74%	82%	80%	343	279	81%
Architecture & Construction	72%	76%	72%	73%	624	500	80%
Arts, Audio-Video Technology & Communications	90%	71%	74%	66%	143	89	62%
Business, Management & Administration	66%	71%	65%	66%	840	543	65%
Education and Training	-	-	-	-			
Finance	64%	62%	64%	83%	58	41	71%
Health Science	72%	74%	75%	86%	1208	916	76%
Hospitality & Tourism	77%	79%	72%	67%	31	19	61%
Human Services	73%	53%	82%	74%	125	95	76%
Information Technology	69%	75%	71%	64%	656	438	67%
Law Public Safety & Security	70%	77%	62%	65%	233	160	69%
Manufacturing	78%	82%	79%	79%	259	212	82%
Marketing Sales and Services	61%	71%	72%	68%	126	81	64%
Science Technology & Engineering & Mathematics	82%	78%	76%	76%	221	170	77%
Transportation Distribution & Logistics	72%	72%	71%	76%	464	351	76%
Program Prep (Those awaiting opening in Program)	79%	67%	40%	45%	506	259	51%
TOTALS			71%	74%	5837	4153	71%

Retention Rate is figured using the 10 day count from the previous year as the divisor. The dividend is the number of returning and/or graduated students on day 10 of current year.

Baseline Retention Rate Programs: 59.90%

*Responses to programs falling below baseline are addressed by individual technical institute directly preceding their data.

Future retention rates will be approached systemically. Technical institutes will evaluate cluster overall retention.

Baseline Retention Rate for Cluster: 59.90%



230 11th Street NE
 Watertown, South Dakota 57201
 1-605-882-5284

Lake Area Technical Institute 2006-2010 Retention Report (% graduated or retained)

Clusters	Programs	2006 Retention %	2007 Retention %	2007 Fall Start #	2008 Fall Return and/or Graduated #	2008 Retention %	2009 Retention %	2009 10-Day Enrollment	2010 10-Day Return and/or Graduated #	2010 Retention %
Agriculture, Food & Natural Resources	Agriculture (AAS)	74%	88%	35	29	83%	85%	108	91	84%
Agriculture, Food & Natural Resources	Environmental Tech (AAS/Diploma)	100%	73%	4	4	100%	90%	15	14	93%
Architecture & Construction	Building Trades (AAS)	88%	68%	58	50	86%	83%	57	50	88%
Finance	Financial Services (AAS)	64%	62%	61	39	64%	83%	58	41	71%
Health Science	Dental Assisting (AAS/Diploma)	84%	81%	45	37	82%	88%	52	43	83%
Health Science	Medical Assisting (AAS/Diploma)	82%	53%	37	29	78%	81%	36	29	81%
Health Science	Medical Lab Tech (AAS)	88%	46%	30	24	80%	79%	39	27	69%
Health Science	Occupational Therapy Assistant (AAS)	100%	58%	30	29	97%	82%	34	31	91%
Health Science	Physical Therapy Assistant (AAS)	82%	76%	37	36	97%	89%	47	43	91%
Health Science	Practical Nursing (Diploma)	69%	67%	68	60	88%	86%	98	82	84%
Human Services	Cosmetology (Diploma)	81%	73%	69	59	86%	88%	68	60	88%
Human Services	Human Services Tech (AAS/Diploma)	76%	45%	36	32	89%	83%	41	25	61%
Information Technology	Computer Systems (AAS)	67%	79%	44	32	73%	63%	59	38	64%
Law Public Safety & Security	Med Fire Rescue (AAS)					**	69%	29	18	62%
Manufacturing	Electronics (AAS)	75%	75%	10	4	40%	100%	8	6	75%
Manufacturing	Energy Operations (AAS)	**	**		**	**	**	22	18	82%
Manufacturing	Energy Tech (AAS)	**	**	22	20	91%	93%	55	53	96%
Manufacturing	Machine Tool Tech (AAS/Diploma)	71%	82%	19	18	95%	87%	24	20	83%
Manufacturing	Robotics (AAS)	83%	71%	20	18	90%	82%	16	14	88%
Manufacturing	Welding (AAS/Diploma)	95%	95%	36	31	86%	91%	40	37	77%
Marketing	Business Associate (AAS)	60%	61%	67	54	81%	75%	45	29	64%
Science Technology & Engineering & Mathematics	Engineering / Drafting Technology (AAS)	74%	75%	32	28	88%	87%	34	28	82%
Transportation Distribution & Logistics	Automotive (AAS)	77%	70%	57	46	81%	86%	38	33	87%
Transportation Distribution & Logistics	Aviation (AAS/Diploma)	75%	80%	21	16	76%	95%	21	20	95%
Transportation Distribution & Logistics	Autobody/Collision and Repair/Technology	**	**	**	**	**	**	**	**	**
Transportation Distribution & Logistics	Diesel Tech (AAS)	93%	100%	83	83	100%	97%	104	94	90%
	Program Prep***	33%	42%	52	31	60%	56%	88	53	
	TOTALS (%)			1049	843		83%	1236	997	81%

**No data available/New Course Offering

***Program Prep includes dual status and other students preparing for programs

No programs at LATI fell below the 59.90% baseline



**821 N Capital
Mitchell, South Dakota 57301
1-605-995-3056**

Mitchell Technical Institute 2006-2010 Retention Report (% graduated or retained)

Clusters	Programs	2006 Retention %	2007 Retention %	2007 Fall Start #	2008 Fall Return and/or Graduated #	2008 Retention %	2009 Retention %	2009 10-Day Enrollment	2010 10-Day Return and/or Graduated #	2010 Retention %
Agriculture, Food & Natural Resources	Agriculture Chemical (Diploma)	n/a	0	2	2	100%	75%	3	3	100%
Agriculture, Food & Natural Resources	Agriculture Technology (AAS/Diploma)	65%	65%	18	13	72%	70%	52	43	83%
Agriculture, Food & Natural Resources	Farm Business Management (Certificate)	98%	99%	91	91	100%	99%	84	82	98%
Architecture & Construction	Architectural Design & Building Construction (AAS/Diploma)	68%	70%	18	12	67%	90%	48	34	71%
Architecture & Construction	Electrical Construction & Maintenance (AAS/Diploma)	81%	87%	60	44	73%	71%	121	101	83%
Architecture & Construction	Heating & Cooling Technologies (AAS/Diploma)	94%	100%	6	5	83%	93%	30	24	80%
Architecture & Construction	Power Line Construction & Maintenance (Diploma)	86%	85%	55	52	95%	97%	72	66	92%
Architecture & Construction	Propane & Natural Gas Technologies (Diploma)	83%	78%	21	17	81%	82%	28	26	93%
Architecture & Construction	Wind Turbine Technology (AAS/Diploma)							45	37	82%
Business, Management & Administration	Accounting/Business Management (AAS)	75%	81%	33	25	76%	56%	77	59	77%
Health Science	Medical Assistant (AAS)	90%	83%	15	10	67%	64%	36	31	86%
Health Science	Medical Laboratory Technology (AAS)	79%	82%	22	12	55%	64%	32	23	72%
Health Science	Medical Office Professional (AAS)	72%	67%	15	11	73%	60%	11	10	91%
Health Science	Radiation Therapy (AAS)	n/a	100%	4	4	100%	100%	7	6	100%
Health Science	Radiologic Technology (AAS)	87%	77%	15	14	93%	93%	26	23	88%
Health Science	Speech-Language Pathology Assistant (AAS) - New Program							**	**	**
Hospitality & Tourism	Culinary Arts (AAS/Diploma)	77%	79%	18	13	72%	67%	31	19	61%
Information Technology	Information Systems Technology (AAS/Diploma)	59%	75%	10	8	80%	77%	35	28	80%
Information Technology	Office Technology Specialist (AAS/Diploma)	77%	81%	20	15	75%	75%	39	28	72%
Information Technology	Satellite Communications (AAS)	100%	93%	15	13	87%	82%	34	28	82%
Information Technology	Telecommunications (AAS)	92%	53%	7	5	71%	85%	32	23	82%
Science, Technology, Engineering & Mathematics	Automation Controls/SCADA (AAS)	100%	100%	11	10	91%	85%	32	26	81%
Transportation, Distribution, & Logistics	Outdoor Power and Recreational Vehicle Technology (AAS/Diploma)	n/a	-	-	-	-	65%	35	30	86%
	Program Prep***	79%	83%	17	13	76%	44%	50	19	
	TOTALS (%)						79%	960	769	80%

** New program no data available

***Program Prep includes dual status and other students preparing for programs

No programs at MTI fell below the 59.90% baseline



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

Southeast Technical Institute 2006-2010 Retention Report (% graduated or retained)

Clusters	Programs	2006 Retention %	2007 Retention %	2008 Retention %	2009 Retention %	2000 10-Day Enrollment	2010 10-Day Return and/or Graduated #	2010 Retention %
Agriculture, Food & Natural Resources	Horticulture Technology (AAS)	61%	80%	67%	58%	16	8	50%
Agriculture, Food & Natural Resources	Landscape Technology (AAS)	78%	77%	69%	73%	40	23	58%
Agriculture, Food & Natural Resources	Sports Turf Management (AAS)	58%	75%	81%	71%	25	15	60%
Architecture & Construction	Architectural/Construction Technology (AAS)	82%	77%	67%	70%	58	40	69%
Architecture & Construction	CAD Engineering Technology (AAS)	70%	70%	86%	71%	29	20	69%
Architecture & Construction	Construction Management Technology (AAS)	n/a	n/a	n/a	50%	35	25	71%
Architecture & Construction	HVAC (AAS/Diploma)	66%	71%	73%	58%	44	34	77%
Arts, Audio-Video Technology & Communications	Animation (AAS)	n/a	n/a	n/a	48%	35	22	63%
Arts, Audio-Video Technology & Communications	Graphic Communications (AAS)	77%	68%	53%	65%	108	67	62%
Business, Management & Administration	Accounting (AAS/Diploma)	68%	65%	59%	53%	72	49	68%
Business, Management & Administration	Business Administration (AAS)	68%	69%	59%	69%	435	266	61%
Business, Management & Administration	Financial Services (AAS)	61%	81%	70%	77%	45	28	62%
Business, Management & Administration	Insurance and Financial Services (AAS) NEW PROGRAM					**	**	**
Business, Management & Administration	Office Assistant (Diploma)	68%	64%	71%	39%	16	7	44%
Health Science	Bio-Medical Equipment Technology (AAS)	85%	75%	83%	58%	16	14	88%
Health Science	Cardiac Ultrasound (AAS)	85%	84%	83%	78%	49	39	80%
Health Science	Diagnostic Medical Sonography (AAS)	93%	77%	84%	79%	33	26	79%
Health Science	Electroneuraldiagnostic Technology (AAS)	n/a	85%	89%	81%	40	27	68%
Health Science	Health Information Services (Diploma)					13	6	46%
Health Science	Invasive Cardiovascular (AAS)	84%	100%	88%	77%	31	24	77%
Health Science	Licensed Practical Nursing (Diploma)	78%	91%	84%	84%	110	93	85%
Health Science	Medical Transcription	67%	95%	100%	n/a	n/a	n/a	n/a
Health Science	Nuclear Medicine (AAS)	82%	84%	83%	82%	52	39	75%
Health Science	Pharmacy Technician (Diploma)	n/a	73%	58%	67%	37	30	81%
Health Science	Phlebotomy (Diploma)	64%	60%	50%	80%	17	14	82%
Health Science	Surgical Technology (Diploma)	90%	76%	94%	77%	31	22	71%
Health Science	Vascular Ultrasound (AAS)	82%	76%	85%	71%	47	38	81%
Human Services	Early Childhood Specialist (AAS/Diploma) New Program					16	10	63%
Information Technology	CIS/Computer Technician (Diploma)	61%	71%	45%	70%	36	16	44%
Information Technology	CIS Internet Applications Developer	86%	100%	100%	n/a	na	na	na
Information Technology	CIS Systems Administrator (AAS)	72%	77%	60%	67%	30	21	70%
Information Technology	Computer Network Security (AAS)	62%	75%	63%	88%	43	26	60%
Information Technology	Computer Programming (AAS/Diploma)	67%	60%	61%	53%	64	41	64%

Southeast Technical Institute 2006-2010 Retention Report (% graduated or retained)

Clusters	Programs	2006 Retention %	2007 Retention %	2008 Retention %	2009 Retention %	2000 10-Day Enrollment	2010 10-Day Return and/or Graduated #	2010 Retention %
Information Technology	Electronics Technology (AAS/Diploma)	65%	78%	67%	67%	96	68	71%
Information Technology	Network Administrator (AAS)	74%	68%	64%	61%	92	62	67%
Law, Public Safety & Security	Corrections	72%	83%	n/a	n/a	n/a	n/a	n/a
Law, Public Safety & Security	Law Enforcement (AAS)	65%	64%	61%	60%	77	54	70%
Manufacturing	Laser/Electro Optics	65%	92%	n/a	n/a	n/a	n/a	n/a
Manufacturing	Mechatronics (AAS)	**	**	**	**	4	2	50%
Manufacturing	Precision Machining Technology (AAS/Diploma)	70%	76%	72%	65%	24	16	67%
Marketing Sales and Services	Marketing (AAS)	61%	81%	62%	52%	81	52	64%
Science, Technology, Engineering & Mathematics	Civil Engineering Technology (AAS)	80%	88%	65%	69%	46	33	72%
Science, Technology, Engineering & Mathematics	Land Surveying Technology (AAS)- New Program					**	**	**
Transportation, Distribution, & Logistics	Automotive Technology (AAS/Diploma)	74%	73%	72%	67%	56	38	68%
Transportation, Distribution, & Logistics	Collision Repair & Refinish Technology (AAS/Diploma)	59%	82%	67%	69%	57	40	70%
Transportation, Distribution, & Logistics	Diesel Technology (AAS/Diploma)	83%	83%	55%	63%	50	30	60%
	Program Prep	n/a	62%	40%	46%	283	151	
	TOTALS (%)				68%	2489	1636	66%

**No data available/New Course Offering

***Program Prep includes dual status and other students preparing for programs



STI RETENTION STRATEGY AT THE PROGRAM LEVEL

October 2010

STI developed and implemented an integrated retention program over the past three years, including a Student Success Seminar class for new students to post-secondary education, Student Success Advisors to assist students with non-academic and academic concerns, an emergency fund for students with immediate financial needs, and steps to strengthen the relationships between faculty and students. The fact that STI's number of programs on this list has dropped from eight in last year's report to five in this year's report indicates the progress that is being made.

However, STI believes that there is always more that can and should be done to retain students and will be working with these programs to improve retention as stated below:

ISSUES:

The following STI programs fell below the 59.90% retention threshold level for Fall 2010:

- Horticulture Technology
- Landscape Technology
- Office Assistant
- Health Information Services
- Computer Technician
- Mechatronics

ANALYSIS:

In some programs, STI was able to determine that some of the students on the list were "no shows" last year, meaning the students validated their enrollment, but did not actually show up in the classroom. Removing these students from the enrollment list prior to the 10 day count would significantly improve the retention rate for some of these programs.

STI found several students who are not here this fall because they failed spring classes and have no fall classes they need to take. These students will be back this coming spring, but cannot be counted in the "retained" student numbers.

Some program students are missing only a handful of classes in order to graduate. In some cases these students have already gotten jobs and have a general education course left to complete.

Health Information is a new program, and we realize that retention can be an issue. We have already seen a better retention rate with those students who started the program in the Spring semester and expect this will increase by the next report.

Due to the economy, we are seeing a larger number of students decide not to continue their program for financial reasons. Although we work with them to get financial aid, that isn't always enough to carry them through to graduation. The emergency fund is helping out with students who have short term financial issues, but we do not have a way to help them long term.

Last year Office Assistant had a part time instructor assisting with the program, which didn't provide students with the full benefits of a full-time program advisor.

STI RETENTION STRATEGY AT THE PROGRAM LEVEL

October 2010

ACTION TAKEN:

Horticulture and Landscape: are similar programs and have a similar core of classes. Although Horticulture was on the list last year for low retention, this is the first time Landscape has been on the list. Administration has met with the programs and are developing a plan to do the following: 1. Call all students who do not appear in classes during the add/drop period to get the students in class or off the list prior to the 10 day count. After looking at the list of students, instructors were able to find students who never attended classes but validated their enrollment and therefore remained on the list after the add/drop period; 2. Conduct degree audits on all students, especially second year students, to make sure they have completed all required courses. 3. Contact those students who leave STI without completing their degree to bring them back to complete missing coursework.

Computer Technician: one of the concerns is that the program students are divided up for advising among three networking instructors. STI is looking at the idea of assigning a since advisor to this group to better meet their program and individual needs.

Office Assistant: a full-time instructor has been given the responsibilities for this program and its students. This will provide consistent student support as well as more opportunities for students to interact with their advisor.

Health Information Services: we are already seeing an improvement in retention with the Spring start students. We believe some of the retention issues will be resolved as the program moves into its second year. A full time teacher and advisor was hired Fall 2010 for the program and has made retention a priority. We are researching ways that students who gain employment before graduating have the incentives to finish the diploma. These include more online or independent study options. We will do a "diploma audit" at midterm which will make the student and advisor more aware of student status. It is then that we can lay down an individual plan for the student.

Mechatronics: is a new program with lower enrollment numbers. Every loss to the program pulls the retention rate down farther. The program is being monitored, but STI predicts as the program progresses improvement in retention will be seen.

STI has added 4 days of required student support to the instructor contracts to provide more opportunities to build faculty-student relationships and to review student records and determine student needs.

STI's Academic Administrative Team will provide additional training on the STI Advising Module to help faculty better use the software for degree audits with students. They can then better determine student support needs, such as tutoring, disability services, etc.

STI started a Math Lab for the Graphics program last year and is now looking at expanding that lab and adding a Composition Lab to be used with all students.



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

Western Dakota Tech 2006-2010 Retention Report (% graduated or retained)

CLUSTER	PROGRAMS	2006 Retention %	2007 Retention %	2008 Retention %	2009 Retention %	2009 10-Day Enrollment	2010 10-Day Return and/or Graduated #	2010 Retention %
Agriculture, Food & Natural Resources	Agriculture	58%	59%	45%	45%	**	**	**
Architecture & Construction	Computer Aided Drafting (AAS)	53%	74%	62%	79%	57	43	75%
Architecture & Construction	Carpentry	50%	63%	52%	60%	**	**	**
Business Management & Administration	Accounting (AAS)	66%	75%	58%	68%	47	37	79%
Business Management & Administration	Business Management & Marketing (AAS)	54%	68%	57%	64%	148	97	66%
Health Science	Health Unit Coordinator (Diploma)	65%	69%	43%	67%	47	25	53%
Health Science	Medical Transcription/ Medical Administrative Services (AAS/Diploma)	40%	32%	31%	68%	74	43	58%
Health Science	Medical Assistant (AAS) - New Program	**	**	**	**	**	**	**
Health Science	Paramedic (AAS)	**	**	**	**	19	10	53%
Health Science	Pharmacy Technician (Diploma)	51%	76%	51%	60%	74	45	61%
Health Science	Phlebotomy/Laboratory Assistant (Diploma)	62%	58%	55%	73%	30	23	77%
Health Science	Practical Nursing (Diploma)	54%	90%	41%	79%	54	41	76%
Health Science	Surgical Technology (Diploma)	73%	89%	69%	73%	16	9	56%
Health Science	Disabilities	42%	40%	36%	50%	**	**	**
Information Technology	Computer Network Specialist-Net Administration (AAS/Diploma)	63%	67%	62%	65%	66	42	64%
Information Technology	Programing/Application Development (AAS/Diploma)	**	**	**	**	30	17	57%
Law, Public Safety, Corrections & Security	Fire Science (AAS)	83%	76%	70%	69%	54	38	70%
Law, Public Safety, Corrections & Security	Law Enforcement Technology (AAS)	60%	85%	56%	64%	40	25	63%
Law, Public Safety, Corrections & Security	Paralegal/Legal Assistant (AAS)	65%	70%	63%	75%	33	25	76%
Manufacturing	Welding Manufacturing (AAS/Diploma)	70%	64%	67%	77%	66	46	70%
Science, Technology, Engineering & Mathematics	Electrical & Electronic Technology (AAS)	71%	50%	63%	87%	81	60	74%
Science, Technology, Engineering & Mathematics	Environmental Engineering Technician (AAS)	**	**	80%	92%	28	23	82%
Transportation, Distribution & Logistics	Collision Repair (AAS)	43%	53%	64%	60%	29	14	48%
Transportation, Distribution & Logistics	Hot Rod Technology (AAS)	**	**	**	**	1	1	100%
Transportation, Distribution & Logistics	Transportation Technology (AAS)	NA.	44%	51%	65%	73	51	70%
	Program Prep	58%	65%	68%	48%	85	36	42%
	TOTALS (%)				67%	1152	751	65%

**No data available/New Course Offering

***Program Prep includes dual status and other students preparing for programs



WDT RETENTION STRATEGY AT THE PROGRAM LEVEL

October 2010

WDT has a variety of programs and services in place to address retention prior to a student's enrollment and during his/her education program here.

Issues:

WDT had the following programs fall below the 59.90% retention rate:

- Surgical Technology
- Health Unit Coordinator
- Paramedic
- Medical Transcription/Medical Administrative Services
- Programming an Application Development
- Collision Repair

ANALYSIS:

WDT provides pre-admissions information and services to students such as advising, placement testing, emergency loans and career counseling. For programs such as nursing and surgical tech, students may have to meet special program requirements as required via their accreditation standards.

A four week and mid-term grade check of academic progress is conducted for all students. Mid-term advising sessions are also implemented for all students to address a variety of student needs, improvement an academic planning. There are a variety of programs services and relationship building that occurs for faculty and students. WDT values the relationships developed between faculty and students, and views this as a primary retention factor.

Ongoing monitoring of program enrollment is conducted to ensure that the program is maintaining enrollment. When students are leaving or withdrawing from a program before successfully completing the program immediate steps are taken to evaluate the situation.

WDT has a process in place to assist programs when identified as falling below baseline performance.

ACTION TAKEN:

Surgical Technology: The admissions process for Surgical Technology has been identified as a priority issue. There are over 100 applicants for this program and only one person in the program reviewing the applicants and determining who should be accepted in the program. The corrective steps that WDT will take will be to designate a team approach that includes the department chair, program instructor and admissions representative. this academic year an additional instructor was added to the program, which has provided a diversity and depth of instructional competency to the program. This additional instructor has also provided the ability for WDT to expand their clinical sites. This program as will all programs will undergo an in-depth program review, interviews of faculty and students, discussions with industry and advisory board members to determine underlying issues why retention is below the benchmark level.

WDT RETENTION STRATEGY AT THE PROGRAM LEVEL

October 2010

Health Unit coordinator: WDT has indentified that there may be some misperceptions about this program and will evaluate the program description, outcomes and curriculum in order to ensure that it accurately reflects the career the student is preparing for and what a student can expect in their academic career with WDT. We have also identified the advisor: advisee ratio has become significantly large and difficult to manage. Steps will be taken to correct this.

Paramedic Program: This is a new program, with new faculty member. WDT recognizes there are some special needs and circumstances for the students in this program and services are being developed to address.

Computer Programming: Information from student surveys indicate curriculum does not meet expectations. WDT will work with faculty to discuss innovation and improvement in instructional approaches. On-going evaluation of the program will be conducted through student surveys, focus groups and placement data.

Collision Repair: A formal program review is scheduled for this program. WDT will conduct a comprehensive analysis of the program curriculum and program viability.

Medical Transcription/Medical Administrative Program: New instructors were added in fall 2010 to address the need for updating the curriculum to meet current industry trends. The faculty are also working on educating the admissions and recruiting staff about the program. Providing a strong knowledge of the program so as to find students whose aptitudes and skills are a good fit for this program.