

2014 Grants for Secondary and Postsecondary Career & Technical Education (CTE)

Background

Governor Dennis Daugaard has awarded grants to school districts and the technical institutes in early 2014 to strengthen the bridge between education and workforce development, particularly in the state’s high workforce need areas. Funds are being made available through the South Dakota Future Fund.

In summary, the following have been awarded:

\$3,777,831	Equipment Grants for Technical Institutes
\$1,500,000	Critical Needs Scholarships
\$8,543,532	Governor’s Grants for CTE
\$13,821,363	Total

Following the recession of the early 1980s, the Future Fund was developed by Governor Mickelson to invest in South Dakota’s workforce and build its economy. The Future Fund supports the workforce development and technical assistance programs which help train employees, retrain employees during layoffs and support business recruitment, economic development initiatives, and research and entrepreneurial activities.

Equipment Grants for Technical Institutes

Offering high quality programs, with state of the art equipment and training, is vital to the future of our state. Strengthening these programs gives our young people the opportunity to stay in the state in a high-demand field, and it gives our businesses new employees so they have the confidence to add jobs in South Dakota.

In January, Governor Dugaard announced a commitment of \$3.8 million to purchase major equipment upgrades at our technical institutes. These grants will help the technical institutes ensure our students can train on the same equipment they will use in the real world. From hemodynamic monitors used in cardiovascular procedures, to computer numerically controlled press brakes and robotics trainers used in manufacturing, to telecaster production switches used in satellite communications, these upgrades will offer significant improvements to our programs.

\$804,500	Lake Area Technical Institute
\$1,153,790	Mitchell Technical Institute
\$948,000	Southeast Technical Institute
<u>\$871,541</u>	<u>Western Dakota Technical Institute</u>
\$3,777,831	Total

Critical Needs Scholarships for Technical Institutes

Each of the technical institutes will receive \$125,000 per year for the next three years (\$1.5 million total) to support students who enroll in historically under enrolled programs (meaning there aren't enough students entering the programs to meet South Dakota's workforce needs).

The scholarships will be made available in 20 technical institute programs across 5 high-demand industries (see below) starting with the 2014-15 school year. Because each area of the state has different industry needs, the technical institutes will award scholarships in under-enrolled programs connected to their regional workforce needs.

A recipient's maximum award will be \$5,000 for a 2-year program. If enrolling in a high-demand, 1-year program, recipients can be awarded up to \$2,500. Each technical institute will award scholarships based upon individual program costs, which vary. Some scholarships may be less than the maximum award level. Recipients must agree to work in South Dakota in a training-related career for 3 years. If a recipient drops out of their program, he/she will be required to pay the funds back unless they go directly to work in a high-demand job field in a South Dakota business (then the scholarship would be forgiven). If a recipient works less than 3 years in a training-related career, they will be required to pay back a prorated amount (dependent on their work time).

Eligible Technical Institute Programs:

Occupational Cluster/Industry	Technical Education Program	Technical Institute (CIP Code)
Transportation	Automotive Technology	STI (47.0604) WDT (47.0699)
	Farm Power/Diesel	MTI (01.0205) STI (47.0605) WDT (47.0699)
Construction	Architectural Design/Building Trades	MTI (46.0415) LATI (46.0415)
	Electrical Construction/Maintenance	MTI (46.0302) WDT (46.0302)
	Industrial Controls	MTI (15.0399)
	HVAC	WDT (47.0201) MTI (47.0201)
	Plumbing	STI (46.0503)
Utilities and Engineering	Electrical Utilities & Substation Technology	MTI (46.0303)
	Telecommunications	MTI (15.0305)
	Land Surveying Science Technology	STI (15.1102)
	Civil Engineering Technology	STI (15.0201)
	Mechanical Engineering Tech/CAD	STI (15.0805) WDT (15.1301)
Manufacturing	Precision Technology/Machining	LATI (48.0501) MTI (48.0501) WDT (48.0501)

Manufacturing	Welding/Manufacturing	MTI (15.0614) STI (48.0508) WDT (48.0599)
	Automation Controls/SCADA	MTI (15.0406)
	Energy Technology and Energy Operations	LATI (15.0613 & 15.1001)
	Industrial Maintenance Technology/Mechatronics	MTI (46.0401) STI (15.0403)
	Industrial Controls/Robotics	MTI (15.0399) STI (15.0403) LATI (15.0405)
	Electronics	STI (47.0101) LATI (15.0303)
Information Technology	Computer Programming/Networking	LATI (11.0701) MTI (11.1001) STI (11.0201, 11.0901, 11.1001 & 11.1003) WDT (11.0901)

Governor's Grants for CTE

The Governor's Grants for Career & Technical Education (CTE) will provide funds to bolster regional implementations of rigorous, high quality CTE programs for middle and high schools. In turn, existing programs will be strengthened, new programs will be developed, stronger alignments between secondary and postsecondary programs will be created and workforce needs will be met.

High quality CTE programs give students the knowledge, skills and experiences to be well prepared for postsecondary education and the workforce. Partnerships among secondary education, postsecondary education and business & industry lay the foundation for modern CTE programs.

Grant Priorities:

1. **Regional participation:** Ensures students in multiple school districts have access to high quality, rigorous CTE programs. Demonstrates innovation in the delivery of CTE programs and describes the programs of study(ies), including courses, that will be developed or enhanced.
2. **Student participation:** Demonstrates a capacity for a large number of students or a sizable percentage of the participating districts' students to enroll in the CTE programs. Details how the grant project will empower students to achieve, learn through work-based challenges and get ahead in their education through dual or concurrent credits, AP coursework, industry certifications, etc.
3. **South Dakota workforce:** Addresses workforce needs through programs designed to generate student interest, knowledge and skills in high-need workforce areas (either throughout the state or regionally). Justifies why CTE programs were included in the proposal in order to meet workforce needs.
4. **Local match:** Identifies funds that can be leveraged to supplement the state's contribution. Examples include funds from economic development corporations, private donations, school district funds and other grant sources. Match can come in the form of operational expenses, salaries and administrative costs.
5. **Cooperation with postsecondary education** (technical institutes or public universities): Provides support for the grant project. Innovative partnerships are encouraged. At a minimum, the partnership should provide a means by which students can receive both high school and postsecondary credit (dual or concurrent credit, AP credit). Other cooperation could include program alignments or advisory capacities.
6. **Partnership with business and industry** for in-kind equipment donations, guidance through advisory committee work, collaboration on work-based learning experiences, coaches for student organization activities or other efforts.
7. **Systems-approach** showing a strong integration of the separate elements of the proposal into a coherent, sustainable effort. Connections should be clear between technical coursework, career guidance, career exploration, postsecondary preparation, industry certifications, work-based learning and student organizations.

Grant Awards:

School District	Grant Project	Award Amount
Aberdeen	<ul style="list-style-type: none"> Expansion of CTE efforts from current programming and partner with additional school districts Construct new building for CTE Build partnerships for student work experiences and postsecondary credit 	\$2,000,000
Burke	<ul style="list-style-type: none"> Construct mobile classrooms and labs Partner with 3 additional school districts Residential construction, engineering, bio medical sciences and manufacturing 	\$604,010
Madison	<ul style="list-style-type: none"> Partner with area schools to offer students more course options Offer dual credit and industry certification options Add additional programs in Health Science, Transportation and Manufacturing 	\$376,808
Meade (Sturgis)	<ul style="list-style-type: none"> Expand training efforts Manufacturing Modernize equipment Offer dual credit 	\$89,967
Mitchell	<ul style="list-style-type: none"> Add additional programs to the Mitchell CTE Academy Upgrade technology and facilities Provide teacher training 	\$1,240,228
Northeast Technical High School (Watertown)	<ul style="list-style-type: none"> Dual credit agriculture program with LATI Middle school Project Lead the Way program 	\$150,000
Northwest Area Multi District	<ul style="list-style-type: none"> Purchase new trailers and equipment for mobile classrooms and labs Offer dual credit options Use in 8 member schools Small engines/power sports, Building trades, Computer Aided Drafting/Manufacturing, Electricity/Electronics, Graphic Design, Health Science, Hospitality & Tourism, Manufacturing 	\$830,800
Rapid City	<ul style="list-style-type: none"> Provide advanced technical course options to schools in region through dual credit at Western Dakota Tech (WDT) 	\$2,000,000
Sioux Falls	<ul style="list-style-type: none"> Expand classroom and lab space at the Sioux Falls CTE Academy for the Academy of Finance, Computer Networking and Health Science programs 	\$768,454
Todd County	<ul style="list-style-type: none"> Expand CTE efforts to include area schools and additional programs Add work experiences for students 	\$103,560
Vermillion	<ul style="list-style-type: none"> Creation of a Building Trades program, in partnership with Builders Choice, Inc. Partner with area schools to expand options for students 	\$99,380

Yankton	<ul style="list-style-type: none"> • Partnership between education, economic development and business • Expand program options, dual credit options and industry certifications to students in Yankton and area schools • Manufacturing, CNA, Automotive, career exploration 	\$280,325
TOTAL		\$8,543,532