
AGENCY OVERVIEW**Date:** 12/07/2012**270 Career and Technical Education****Time:** 13:49:45

Statutory Authority

North Dakota Century Code Chapter 15-20.1-3 and Carl D Perkins Vocational and Applied Technology Act of 1998.

Agency Description

The Department of Career and Technical Education (DCTE) provides leadership, technical assistance and fiscal support of career and technical education to public school districts, area career and technology centers, state colleges and universities, state institutions and tribal colleges. DCTE is responsible for administering federal and state legislation and funding. The department believes the effort will be enhanced through the establishment of quality instructional programs that derive standards from industry and use industry certifications to validate both program instruction and student performance. The department also establishes standards for teacher certification, curriculum development, access for special populations, and focuses on equity in programs, activities, and services at all levels of education. The Career and Technical Education governing board recognizes that a qualified, skilled workforce is essential to the economic well being of North Dakota's business, industry and public sector.

Agency Mission Statement

The mission of the Department of Career and Technical Education is to work with others to provide all North Dakota citizens with the technical skills, knowledge, and attitude necessary for successful performance in a globally competitive workplace.

Agency Performance Measures

The Department of Career and Technical Education has developed performance measures that are required by the Carl D Perkins Act through the US Department of Education. We must perform within 90% of the base, which we did in all areas. These measures are for the last year reported, 2010-11 school year.

Academic Attainment in Language Arts; the base=64%, actual results=59%

Academic Attainment in Math; the base=50%, actual results=53%

Technical Skills Attainment; the base=80%, actual results=89%

School Completion; the base=90%, actual results=99%

Graduation Rate; the base=84%, actual results=92%

Placement; the base=70%, actual results=70%

Nontraditional Participation; the base=22%, actual results=19%

Nontraditional Completion; the base=15%, actual results=15%

Major Accomplishments

1. Integrated student/school data collection into the Department of Public Instruction STARS data collection system, effectively eliminating extra data reporting requirements for local schools.
2. Developed a partnership with the Information Technology Council of North Dakota (ITCND) to promote IT programs of study and IT career awareness.
3. Developed coordinated plans of study to assist students in career planning and qualifying for the new CTE scholarship.
4. Continued to monitor and assist three pilot "virtual" area CTE centers established by the 2007-09 legislature which bring new CTE programming to 48 schools.
5. Adopted and made available to all schools a new 7-12 career planning curricula.

Future Critical Issues

The most critical issue facing the Department of Career Technical Education is securing the resources to increase the accessibility of CTE programming. A broader base of offerings need to be made available to address workforce needs of North Dakota and better position students for the CTE scholarship which requires four credits in CTE to qualify. Part of that accessibility needs to be addressed by piloting alternative distance delivery methods.

As a state we need to promote and incentivize STEM based education. We need to secure resources that would enable us to increase the number and availability of STEM based technical programming.

REQUEST SUMMARY270 Career and Technical Education
Biennium: 2013-2015

Bill#: SB2019

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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
By Major Program					
Administration	3,109,373	3,736,429	58,506	3,794,935	(128,692)
Technical Assistance	32,076,270	35,012,138	(613,397)	34,398,741	3,070,000
Total Major Program	35,185,643	38,748,567	(554,891)	38,193,676	2,941,308
By Line Item					
Salaries and Wages	3,864,289	4,362,974	71,411	4,434,385	(65,000)
Operating Expenses	730,517	1,253,339	0	1,253,339	(63,692)
Grants	26,533,583	29,025,000	(626,302)	28,398,698	3,070,000
Postsecondary Grants	357,452	357,452	0	357,452	0
Adult Farm Management	699,802	749,802	0	749,802	0
Workforce Training	3,000,000	3,000,000	0	3,000,000	0
Total Line Items	35,185,643	38,748,567	(554,891)	38,193,676	2,941,308
By Funding Source					
General Fund	25,981,008	27,981,679	0	27,981,679	2,941,308
Federal Funds	9,172,118	10,561,914	(554,891)	10,007,023	0
Special Funds	32,517	204,974	0	204,974	0
Total Funding Source	35,185,643	38,748,567	(554,891)	38,193,676	2,941,308
Total FTE	28.50	27.50	0.00	27.50	0.00

REQUEST DETAIL270 Career and Technical Education
Biennium: 2013-2015

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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
Salaries and Wages					
Salaries - Permanent	2,922,650	3,314,360	(116,168)	3,198,192	0
Temporary Salaries	3,000	500	23,500	24,000	0
Overtime	0	1,000	(1,000)	0	0
Fringe Benefits	938,639	1,047,114	165,079	1,212,193	0
Reduction In Salary Budget	0	0	0	0	(65,000)
Total	3,864,289	4,362,974	71,411	4,434,385	(65,000)

Salaries and Wages

General Fund	3,374,192	3,748,204	(66,687)	3,681,517	(65,000)
Federal Funds	490,097	614,770	138,098	752,868	0
Special Funds	0	0	0	0	0
Total	3,864,289	4,362,974	71,411	4,434,385	(65,000)

Operating Expenses

Travel	252,655	291,600	0	291,600	(43,692)
Supplies - IT Software	27,913	24,576	0	24,576	0
Supply/Material-Professional	19,591	17,300	0	17,300	0
Miscellaneous Supplies	2,206	3,900	0	3,900	0
Office Supplies	13,257	30,900	0	30,900	0
Postage	15,530	22,500	0	22,500	0
Printing	75,986	104,750	0	104,750	0
IT Equip Under \$5,000	18,483	17,900	0	17,900	0
Office Equip & Furn Supplies	16,458	28,250	0	28,250	0
Insurance	2,762	6,860	0	6,860	0
Rentals/Leases-Equip & Other	6,996	6,815	0	6,815	0
Rentals/Leases - Bldg/Land	28,505	27,550	0	27,550	0
Repairs	4,370	6,800	0	6,800	0
IT - Data Processing	88,202	114,900	0	114,900	0
IT - Communications	27,693	34,000	0	34,000	0
IT Contractual Svcs and Rprs	20,474	96,600	0	96,600	0
Professional Development	80,174	92,100	0	92,100	0
Operating Fees and Services	3,108	18,281	0	18,281	0
Fees - Professional Services	21,494	292,614	0	292,614	(20,000)
Other Expenses	4,660	15,143	0	15,143	0
Total	730,517	1,253,339	0	1,253,339	(63,692)

Operating Expenses

General Fund	397,925	594,796	13,422	608,218	(63,692)
Federal Funds	300,075	616,293	(13,422)	602,871	0

REQUEST DETAIL270 Career and Technical Education
Biennium: 2013-2015

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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
Special Funds	32,517	42,250	0	42,250	0
Total	730,517	1,253,339	0	1,253,339	(63,692)
Grants					
Grants, Benefits & Claims	26,533,583	29,025,000	(626,302)	28,398,698	3,070,000
Total	26,533,583	29,025,000	(626,302)	28,398,698	3,070,000
Grants					
General Fund	18,151,637	19,581,425	53,265	19,634,690	3,070,000
Federal Funds	8,381,946	9,330,851	(679,567)	8,651,284	0
Special Funds	0	112,724	0	112,724	0
Total	26,533,583	29,025,000	(626,302)	28,398,698	3,070,000
Postsecondary Grants					
Travel	6,462	10,890	0	10,890	0
Supply/Material-Professional	1,175	2,000	0	2,000	0
Postage	29	100	0	100	0
Printing	399	1,500	0	1,500	0
Rentals/Leases-Equip & Other	200	0	0	0	0
Professional Development	28,900	28,962	0	28,962	0
Grants, Benefits & Claims	320,287	314,000	0	314,000	0
Total	357,452	357,452	0	357,452	0
Postsecondary Grants					
General Fund	357,452	357,452	0	357,452	0
Federal Funds	0	0	0	0	0
Special Funds	0	0	0	0	0
Total	357,452	357,452	0	357,452	0
Adult Farm Management					
Travel	1,254	3,500	0	3,500	0
Professional Development	0	500	0	500	0
Operating Fees and Services	11,210	46,000	0	46,000	0
Grants, Benefits & Claims	687,338	699,802	0	699,802	0
Total	699,802	749,802	0	749,802	0
Adult Farm Management					
General Fund	699,802	699,802	0	699,802	0
Federal Funds	0	0	0	0	0

REQUEST DETAIL270 Career and Technical Education
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Description	Expenditures 2009-2011 Biennium	Present Budget 2011-2013	Budget Request Change	Requested Budget 2013-2015 Biennium	Optional Budget Request
Special Funds	0	50,000	0	50,000	0
Total	699,802	749,802	0	749,802	0
Workforce Training					
Grants, Benefits & Claims	3,000,000	3,000,000	0	3,000,000	0
Total	3,000,000	3,000,000	0	3,000,000	0
Workforce Training					
General Fund	3,000,000	3,000,000	0	3,000,000	0
Federal Funds	0	0	0	0	0
Special Funds	0	0	0	0	0
Total	3,000,000	3,000,000	0	3,000,000	0
Funding Sources					
General Fund	25,981,008	27,981,679	0	27,981,679	2,941,308
Federal Funds	9,172,118	10,561,914	(554,891)	10,007,023	0
Special Funds	32,517	204,974	0	204,974	0
Total Funding Sources	35,185,643	38,748,567	(554,891)	38,193,676	2,941,308

CHANGE PACKAGE SUMMARY

270 Career and Technical Education
Biennium: 2013-2015

Bill#: SB2019

Date: 12/07/2012

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Description	Priority	FTE	General Fund	Federal Funds	Special Funds	Total Funds
Base Budget Changes						
Ongoing Budget Changes						
A-A 6 Funding source change to meet budget request lim		0.00	66,687	(66,687)	0	0
A-A 7 Reduction to grant line due to loss of Tech Prep		0.00	0	(626,302)	0	(626,302)
Base Payroll Change		0.00	(66,687)	138,098	0	71,411
Total Ongoing Budget Changes		0.00	0	(554,891)	0	(554,891)
Total Base Budget Changes		0.00	0	(554,891)	0	(554,891)
Optional Budget Changes						
Ongoing Optional Changes						
A-C 1 Cost to Continue Funding	1	0.00	500,000	0	0	500,000
A-C 2 New & Expanded programs, Distance Delivery, Emer	2	0.00	900,000	0	0	900,000
A-C 3 Funding for EbD or PLTW Curriculum	3	0.00	350,000	0	0	350,000
A-C 4 Equity funding for FACS programs	4	0.00	320,000	0	0	320,000
A-C 5 New Virtual Area Center funding from SE Educ Co	5	0.00	1,000,000	0	0	1,000,000
Total Ongoing Optional Changes		0.00	3,070,000	0	0	3,070,000
Total Optional Budget Changes		0.00	3,070,000	0	0	3,070,000
Optional Savings Changes						
A-G 1 3% optional savings package	1	0.00	(128,692)	0	0	(128,692)
Total Optional Savings Changes		0.00	(128,692)	0	0	(128,692)

BUDGET CHANGES NARRATIVE

270 Career and Technical Education

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Change Group: A	Change Type: A	Change No: 6	Priority: 6
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Funding source change to meet budget request limit.

Funding source change.

Change Group: A	Change Type: A	Change No: 7	Priority: 7
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Reduction to grant line due to loss of Tech Prep funding

The Dept of Education has ceased federal funding to states for Tech Prep grants beginning in the 2012 school year. This award amounted to \$313,151 or \$626,302 for the biennium.

Change Group: A	Change Type: C	Change No: 1	Priority: 1
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Cost to Continue Funding

This is the inflationary increases in program costs. We are on track to expend \$480,000 in the 2011-2013 biennium. This represents an approximate 30% match with districts paying 70% of the costs.

Change Group: A	Change Type: C	Change No: 2	Priority: 2
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New & Expanded programs, Distance Delivery, Emerging Technology, Pilot

CTE funded \$170,000 in new and expanded program requests in FY2012. For FY2013 there is \$200,000 of requests pending for new programs that will likely go unfunded. (Adult Farm Mgmt, Ag Education, Bus & Office, and Career Development) plus a number of expanded programs. Continued expansion of CTE programming through ITV or Online programs provides access to quality programming in schools that could not offer themselves. The increase for the past two years amounted to \$150,000. Emerging Technology programs is expanding from 8 consortiums to 9. Continued growth is expected in all areas.

New & Expanded programs: \$500,000

Distance delivery (ITV, OnLine): \$150,00

Emerging Technology: \$100,000

Pilot IT Course delivery: \$150,000

Change Group: A	Change Type: C	Change No: 3	Priority: 3
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Funding for EbD or PLTW Curriculum

Funding is needed to move schools to either an EbD or PLTW curriculum. Technology & Engineering Education programs that teach a minimum of 2 credits of content based on Engineering by Design (Ebd) or Project Lead the Way (PLTW) curriculum, which is pre-engineering and bio-medical would be eligible for this funding. Funding will help drive change in existing programs and help meet some of the extra costs associated with CTE programming.

BUDGET CHANGES NARRATIVE

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Change Group: A	Change Type: C	Change No: 4	Priority: 4
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Equity funding for FACS programs

Funding would provide a move towards equity funding for FACS programs. Funding would allow CTE to move the current rate of 15% funding in FACS programs towards the standard reimbursement rate of 27% as in other CTE programs. This funding would allow us to increase the reimbursement rate by 4% starting in the 2013-14 school year.

Change Group: A	Change Type: C	Change No: 5	Priority: 5
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New Virtual Area Center funding from SE Educ Coop

A new Virtual Area Center proposal has been received from the Southeast Education Cooperative involving five schools, (Fargo, West Fargo, Casselton, Kindred, and Northern Cass). The request is for 75% funding for year 1 & 2 and 60% for years 3,4, 5 and then 40% from then on.

Change Group: A	Change Type: G	Change No: 1	Priority: 1
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3% optional savings package - 3% optional savings package

The governor's optional 3% savings package is as follows: \$65,000 from salaries and \$63,692 from operating.

Change Group: R	Change Type: A	Change No: 1	Priority:
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Continue Current Reimbursement Rates

This recommendation adds \$500,000 from the general fund to maintain CTE reimbursements to schools at the current level. Reimbursements are based on a percentage of teacher salaries. As teacher salaries are increased, additional funding is required to maintain the reimbursement percentage.

Change Group: R	Change Type: A	Change No: 2	Priority:
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New and Expanded Programs

This recommendation provides approximately \$1.0 million for new and expanded programs to increase access to CTE programs across the state. The funding is anticipated to provide:

- \$500,000 to new programs or expansion of existing programs.
- \$150,000 to expand on-line and interactive video delivery of programs.
- \$150,000 to develop a pilot program to interactively deliver a CTE program.
- \$205,000 to develop a 14 school emerging technology consortium to reduce costs and more efficiently use expensive instructional equipment.

Change Group: R	Change Type: A	Change No: 3	Priority:
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New Virtual Center

This recommendation provides \$1.0 million from the general fund to provide for the establishment of a new virtual area center to expand the cooperative delivery of CTE programs and improve student access to CTE courses.

BUDGET CHANGES NARRATIVE

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Change Group: R	Change Type: A	Change No: 4	Priority:
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Remove Funding Source Switch

This recommendation reduces general fund authority and increases federal fund authority by \$66,687, reversing a funding source switch entered in the base budget request.

Change Group: R	Change Type: A	Change No: 100	Priority:
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Executive Compensation Package Adjustment

This budget change provides funding for recommended 2013-15 compensation adjustments. Compensation adjustments for each agency were calculated following the recommendations of the Hay Group developed through the 2011 study of the state's classified employee compensation system. Pursuant to those recommendations, compensation adjustments were calculated to provide funding to allow for both performance-based salary adjustments and market-based salary adjustments. This funding allows for increases of 2% to 4% for employees in the first quartile of the pay range and 1% to 2% for those in the second quartile of the range. For employees in the third and fourth quartiles, which are above the market policy position, no market policy increase is funded. Performance-based increases are assumed to be 3% for employees meeting performance standards and up to 5% for employees exceeding performance standards. No performance-based increases are provided for employees that fail to meet performance standards.