2011 SENATE EDUCATION

SB 2289

2011 SENATE STANDING COMMITTEE MINUTES

Senate Education Committee

Missouri River Room, State Capitol

SB 2289 January 26, 2011 13414

	Conference Committee						
Committee Clerk Signature	T. Organ						
Explanation or reason for int	Explanation or reason for introduction of bill/resolution:						
relating to grants for innovation	ıs						
Minutes:	See attached testimony						

Chairman Senator Freborg opened the hearing on SB 2289; no fiscal note attached.

Senator Uglem, District 19 introduced the bill. It provides one simple thing—changes line 7 from "shall" to "may" but in the process they rewrote the whole thing. And they did make an error by reducing the amount available for higher education institutions to \$20,000 from \$25,000, but it will work at that amount. All he is asking for this time is to allow the Career and Technical Education people to not require dollar for dollar matching on every dollar that goes out. Some smaller organizations such as 4th, 5th, & 6th grade Lego groups have a hard time raising \$1000 for matching funds.

Senator Gary Lee: Line 7—change from shall to may—not seeing where that is. **Senator Uglem:** Since they rewrote the bill, they put the "may" down on line 22, and left that shall for a different reason. They "shall provide grants" instead of "shall provide dollar for dollar match". The rewrite confused the bill considerably.

Senator Gary Lee: Where do they get the money from? **Senator Uglem:** That is in their budget from a grant fund that was set up in previous years.

Matt Strinden, Supervisor of Tech Ed, Department of Career & Technical Education testified in favor of SB 2289 (Testimony #1) He also provided a draft of a grant proposal (Attachment #2).

Senator Flakoll: Are the grants limited to public schools? **Matt Strinden:** It has been limited to the public schools and teachers.

Senator Heckaman: About what is the split between the secondary schools and higher education for the grants? **Matt Strinden:** Right now it is about 50/50; gave out \$30,000 in higher ed grants and roughly \$26,000 in secondary grants.

Senator Flakoll: Will you give preference to those that give a one to one match, or how will your preference of dollars be given? By idea, geographical, on those that can supply a

Senate Education Committee SB 2289 January 26, 2011 Page 2

one to one match? What will the criteria be? **Matt Strinden:** The priority at this point has been to primarily fund schools that are first time applicants for the grant. Then allow them to apply for recurring years if funds are available. Haven't had discussion as to how to prioritize those grant requests. The idea with the mini grant is being able to fund some of the smaller schools that may not have access to the larger fund raising abilities, and some elementary schools that are participating in First Lego.

Senator Flakoll: It indicates in testimony that there are 54 matching grants that have been awarded. How many school districts have received awards? **Matt Strinden:** Have a handout of this years' awards. (Attachment #3) One of issues with the grant is that they would be able to access more districts with the mini grants, and have more participation in the innovative programs that they are looking for schools to deliver. Do have districts from all areas of the state participating.

Senator Marcellais: How do you advertise your grants out to the public schools? **Matt Strinden:** We do that in a variety of ways; use leadership list serves, to teachers on our list serves, presentations at school board association conferences, as well as administrative conferences.

Senator Gary Lee: What's the dollar value that is in your budget for the next biennium for these grants? **Matt Strinden:** \$120,000 for biennium/ \$60,000 per year.

Deana Wiese, Executive Director, ITCND testified in favor of SB 2289. Workforce development is a top priority for the IT industry right now; nearly 40% of the workforce will have to be replaced over the next decade. This bill assists in that by providing more accessibility to the robotics competitions that had been previously mentioned. Students in rural areas or smaller districts that might not be able to provide the match. Like to lend their support of the bill.

No further testimony in support and no opposition. Hearing closed on SB 2289

Senator Flakoli: Move for a Do Pass to SB 2289; second by **Senator Gary Lee.** Motion carried 7-0-0. (Senator Luick voted upon returning from testifying at another committee) Senator Schaible will carry the bill.

FISCAL NOTE

Requested by Legislative Council 01/21/2011

Bill/Resolution No.:

SB 2289

1A. State fiscal effect: Identify the state fiscal effect and the fiscal effect on agency appropriations compared to

funding levels and appropriations anticipated under current law.

	2009-2011 Biennium		2011-2013	Biennium	2013-2015 Biennium		
	General Fund	Other Funds	General Fund	Other Funds	General Fund	Other Funds	
Revenues							
Expenditures							
Appropriations			\$0		\$0		

1B. County, city, and school district fiscal effect: Identify the fiscal effect on the appropriate political subdivision.

2009-2011 Biennium			2011-2013 Biennium			2013-2015 Biennium		nium
Counties	Cities	School Districts	Counties	Cities	School Districts	Counties	Cities	School Districts

2A. Bill and fiscal impact summary: Provide a brief summary of the measure, including description of the provisions having fiscal impact (limited to 300 characters).

This bill does not have a fiscal impact. This only impacts how we process innovation grants.

- B. Fiscal impact sections: Identify and provide a brief description of the sections of the measure which have fiscal impact. Include any assumptions and comments relevant to the analysis.
- 3. State fiscal effect detail: For information shown under state fiscal effect in 1A, please:
 - A. Revenues: Explain the revenue amounts. Provide detail, when appropriate, for each revenue type and fund affected and any amounts included in the executive budget.
 - B. Expenditures: Explain the expenditure amounts. Provide detail, when appropriate, for each agency, line item, and fund affected and the number of FTE positions affected.
 - C. Appropriations: Explain the appropriation amounts. Provide detail, when appropriate, for each agency and fund affected. Explain the relationship between the amounts shown for expenditures and appropriations. Indicate whether the appropriation is also included in the executive budget or relates to a continuing appropriation.

Name:	Wayne Kutzer	Agency:	Career and Technical Education
Phone Number:	3282259	Date Prepared:	01/21/2011

Date:	1-	26	-//
Roll Call \	ote#_		

2011 SENATE STANDING COMMITTEE ROLL CALL VOTES BILL/RESOLUTION NO. 2289

Senate Education				Commit	tee
☐ Check here for Conference C	ommitt	ee			
Legislative Council Amendment Nur	mber				
Action Taken: Do Pass	Do No	t Pass	☐ Amended ☐ Adopt A	mendn	nent
Rerefer to A	ppropria	tions	Reconsider	. <u></u>	
Motion Made By <u>Sen.</u> Fla	<u>koll</u>	s	econded By <u>Sen.G.</u>	Lee	<u>,</u>
Senators	Yes	No	Senators	Yes	No
Chairman Layton Freborg	X		Senator Joan Heckaman	X	
Vice Chair Donald Schaible	TX.		Senator Richard Marcellais	X	
Senator Tim Flakoll	X				
Senator Gary A. Lee	X			<u> </u>	
Senator Larry Luick	X				
					 -
				 	 -
		<u> </u>			 -
Total (Yes)	7		No		<u></u> _
Absent	<u> </u>				
Floor Assignment Ser). ≤	cha	cible		
If the vote is on an amendment, brid	efly indic	ate int	ent:		

Com Standing Committee Report January 26, 2011 9:55am

Module ID: s_stcomrep_16_002 Carrier: Schaible

REPORT OF STANDING COMMITTEE

SB 2289: Education Committee (Sen. Freborg, Chairman) recommends DO PASS (7 YEAS, 0 NAYS, 0 ABSENT AND NOT VOTING). SB 2289 was placed on the Eleventh order on the calendar.

2011 HOUSE EDUCATION

SB 2289

2011 HOUSE STANDING COMMITTEE MINUTES

House Education Committee

Pioneer Room, State Capitol

SB 2289 03/08/11 15081

Conference Committee

Committee Clerk Signature

when Frekhei

MINUTES:

Chairman RaeAnn Kelsch: We will open the hearing on SB 2289.

Sen. Gerald Uglem: Sponsor. When I got here this session I went to the career and technical institution people I asked what we can do to make the program better and advance it. Their suggestion was that we could possibly pull out dollars without matching money for those grade school programs and so forth that don't have the ability to raise matching dollars. This bill allows a certain amount of grant without matching money and the remainder for the larger programs would require matching funds. We have a gentleman here that can give you all the details.

Chairman RaeAnn Keisch: Questions? Seeing none thank you.

Matt Strinden – Department of Career and Technical Education: (Testimony attachment 1).

Rep. David Rust: What is the total amount of dollars you have available and where do you get the money?

Matt Strinden – Department of Career and Technical Education: The innovation grant is a line item in our current technical education budget. It is 120,000 dollar budget over the biennium so 60,000 dollars per school year.

Rep. Karen Rohr: Could you tell me what STEM stand for?

Matt Strinden – Department of Career and Technical Education: STEM stands for Science Technology Engineering and Mathematics.

Rep. Karen Rohr: I appreciate you giving us this proposal format.

Rep. Joe Heilman: I was going to ask if First Robotics was included in the technical programs. I will make a comment that in my high school career I was involved in Rugby High School's First Robotics team. It was unequivocally the best experience I had in high school. I don't know if Rugby has taken advantage of funding from this program yet but I

hope they do because it was always difficult to find funding for that program because it is expensive.

Rep. Brenda Heller: Whose budget is the Career and Technical Education dollar amount in?

Matt Strinden - Department of Career and Technical Education: It is in our Career in Technical Education Department budget.

Rep. Brenda Heller: Where is that at right now and is the 60,000 dollars still in it?

Matt Strinden - Department of Career and Technical Education: We have some carry over funds from last year and this year we have spent over the 60,000 this year and are spending from the carry over funds from last year. We are very close to have spent that budget for the biennium.

Chairman RaeAnn Kelsch: It is a line item of a 120,000 in the budget and they have 60,000 per year that they can spend or they can carry that over if they have extra. The Career and Technical Education budget now is over in the senate side.

Rep. David Rust: What is the bill number?

Chairman RaeAnn Kelsch: HB 1019.

Rep. Brenda Heller: Is your 60,000 dollars still in that bill over in the senate?

Matt Strinden - Department of Career and Technical Education: Yes.

Chairman RaeAnn Kelsch: It is the 120,000 because it is 60,000 per year so the 120,000 is still in the budget.

Rep. Brenda Heller: If you are increasing what the post secondary schools can get doesn't that really decrease what is available for high schools? What do the colleges do with this?

Matt Strinden - Department of Career and Technical Education: Right now the way we have it set up internally is that the colleges are able to apply for matching grants up to 10,000 dollars. They have to provide a match for that. Most of those programs would be, for example NDSU does Bison Best Robotics and that is one of the post secondary schools that apply for the innovation grant funds. They provide the robotics program for the K-12. When the post secondary institutions apply for the grant those programs that they apply for are directly affecting K-12. They have to be a program provided for K-12. It doesn't take away. I try to balance that so we have a balance of post secondary funding and secondary funding.

Rep. Joe Heilman: This doesn't go to NDSU robotics team. Basically it is for those programs that work with high school students. Correct?

Matt Strinden - Department of Career and Technical Education: Yes.

Chairman RaeAnn Kelsch: Further questions? Further support? Opposition? We will close the hearing on SB 2289. What are the wishes of the committee?

Rep. Phillip Mueller: I move a do pass.

Rep. Karen Karls: Second.

Chairman RaeAnn Kelsch: Is there any discussion?

Rep. David Rust: It appears to me that the amount has decreased from 25 to 20?

Chairman RaeAnn Kelsch: That would be correct.

Rep. David Rust: For a secondary teacher or elementary teacher it stays the same.

Matt Strinden – Department of Career and Technical Education: In the initial bill we were allowed to spend up to 25,000 to post secondary and I think it was 7,500 or 10,000 for secondary if I remember correctly. Internally the way we have set up the grant is we have capped post secondary at 10,000 and we have capped secondary at 2,500 at this point in order to make sure we can accommodate as many applicants as possible. In the writing of that bill for some reason that number go decreased from 25,000 to 20,000 but it really doesn't affect the operation.

Rep. Karen Rohr: On page 2, number 5, it say the department shall consult with the Department of Commerce in making award determinations. What is their roll specifically?

Matt Strinden – Department of Career and Technical Education: The bill was initially run through the Department of Commerce in conjunction with Career and Technical Education. We have consulted with them but as far as operation of the grant we have pretty much taken control of that.

Chairman RaeAnn Kelsch: Wasn't it initially done as a checks and balances and because of the business sector?

Wayne Kutzer – Department of Career and Technical Education: Yes. Three sessions ago it came out of the Department of Commerce bill. It came out of 1019 at that time. That is why the Department of Commerce is referenced in there.

Chairman RaeAnn Kelsch: But really the whole purpose was the business sector behind it and adding checks and balances.

Wayne Kutzer – Department of Career and Technical Education: Yes.

Rep. Karen Rohr: Just for the awarding of the dollars or to say yes or no to the application?

House Education Committee SB 2289 03/08/11 Page 4

Wayne Kutzer – Department of Career and Technical Education: For the overall proposal.

Chairman RaeAnn Kelsch: We have a do pass motion in front of us. Any further discussion? We will take the roll. We will close on SB 2289.

13 YEAS 0 NAYS 2 ABSENT CARRIER: Rep. Joe Heilman

DO PASS

Date:	03-08-11
Roll Call Vote #:	

2011 HOUSE STANDING COMMITTEE ROLL CALL VOTES BILL/RESOLUTION NO. 2289

House EDUCA	TION				_ Comr	nittee			
Check here for Conference Committee									
Legislative Counc	_egislative Council Amendment Number								
Action Taken:	Do Pass Do Not Pass Amended Adopt Amendment								
Motion Made Ry	Rerefer to A			Reconsider	121 S				
Wiotion Wade by	REP. MUEI	uer		conded By REP. K	חר				
Repres	entatives	Yes	No	Representatives	Yes	No			
Chairman Kels	ch	×		Rep. Hanson	X				
Vice Chairman	Meier			Rep. Hunskor	X				
Rep. Heilman		×		Rep. Mock					
Rep. Heller		关		Rep. Mueller	X				
Rep. Johnson		×							
Rep. Karis		X							
Rep. Rohr		X							
Rep. Rust		X							
Rep. Sanford		X							
Rep. Schatz		X			<u> </u>				
Rep. Wall		X							
						<u> </u>			
						1			
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Total (Yes)	13		N	。					
Absent 2	Absent 2 - REP. MOCK, VICE CHAIR MEIER								
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If the vote is on an amendment, briefly indicate intent:

Com Standing Committee Report March 8, 2011 11:29am

Module ID: h_stcomrep_41_003
Carrier: Heilman

REPORT OF STANDING COMMITTEE

SB 2289: Education Committee (Rep. R. Kelsch, Chairman) recommends DO PASS (13 YEAS, 0 NAYS, 2 ABSENT AND NOT VOTING). SB 2289 was placed on the Fourteenth order on the calendar.

(1) DESK (3) COMMITTEE Page 1 h_stcomrep_41_003

2011 TESTIMONY

SB 2289

Senate Education Committee Testimony on SB 2289 January 26, 2011

Mr. Chairman and members of the committee, for the record my name is Matt Strinden, Supervisor of Technology Education with the Department of Career and Technical Education.

Since the 2007 Legislature first provided our agency with funding for the Grant for Innovation, our department has provided much appreciated funding for innovative STEM programs to schools. The RFP has focused primarily on robotics programs; however other innovative projects are also open for consideration. Over the past four years we have awarded 54 matching grants to schools and colleges totaling more than \$175,000. This money has provided those schools with the financial support to offer their students innovative educational programming that they would not have otherwise been exposed to. Comments received from participating schools show a great appreciation for the funding and was the first venture into robotics competition for many schools due a previous lack of funding. The time and commitment that individual teachers and coaches spend on this project with students is so important and has value beyond the activity itself. Students get involved, working after school and weekends on their projects. These innovative programs are so unique and exciting to the students that their teachers have to force them to go home in some cases. This marriage of CTE and STEM education is a perfect fit for encouraging our students to engage in science and technology initiatives and support their interest in these career fields.

#1 5B 2289

This bill, in an effort to increase involvement with the grant program, seeks to allow for more flexibility in how our department awards the grant funding to schools. Attached to my testimony you will find a draft RFP reflecting the requested changes in this bill. To date, we still have many schools that choose not to access the grant due to a lack of matching funds available in their community. This lack of funding is still limiting many students from having the opportunity to be involved in these exceptional programs. This bill will allow the department the flexibility to allow for non-matching mini-grants up to \$2500 with the retention of the dollar-for-dollar match grants with funding above \$2500. These grants have been instrumental in encouraging students to pursue Science, Technology, Engineering and Mathematics in K-12 schools and it is our hope, by providing this additional flexibility, that we will be able to reach even more students. Therefore, I ask for your do pass vote for SB 2289 and would be glad to answer any questions that you may have.

Request for Proposals 2011-12 North Dakota Career and Technical Education Request for Proposals: Grants for Innovation

Title: Grants for Innovation

Eligible Recipients: Elementary or secondary teachers or schools and institutions of higher education.

Funding Period: July 1, 2011 to June 30, 2012

Proposal Deadline: Must be received in the CTE office by September 30, 2011.

Total Funds Available: \$60,000

Allocation of Funds:

Mini-Grant: This non-matching grant will be available to K-12 teachers and or schools for a maximum amount of \$2500.

K-12 Matching Grant: This grant will be available to K-12 teachers and/or schools for a maximum amount of \$7500. This grant will required a detailed budget showing a dollar-for-dollar match for the requested funding from CTE. Dollar-for-dollar matching funds for grant recipients may come from public source, private source or any combination of public and private sources.

Post-Secondary Matching Grant: This grant will be available to post-secondary institutions for the purpose of providing innovative STEM programs for K-12 students. The maximum allowable amount for this grant is \$10,000. Dollar-for-dollar matching funds for grant recipients may come from public source, private source or any combination of public and private sources. The matching funds can be from private and/or public sources.

Projects may begin upon approval and must be completed no later than June 30, 2012. Final reports may be submitted immediately upon completion of the project, but must be submitted no later than June 1, 2012.

Goal/Purpose: To provide new, innovative science, technology or innovation programs for students in kindergarten through grade twelve with preference given to projects involving robotics.

Activities: Proposals could focus on but is not limited to, one of the following:

- 1. First Robotics
- 2. BEST Robotics
- 5. Other innovative programs relating to STEM

Format: Proposals should not exceed 3 pages, 12 pt. font. Please include the following:

1. Description of participant(s)

#1 5B 2289

The description should include the number of planned participants, who the target participants will be (grade level, M/F, school and district), and the teachers, coaches or mentors that are involved.

2. Description of activity

The description should include details of all activities planned including starting and ending dates and contests to be entered, if applicable.

3. Matching funds

Provide a budget describing all matching funds that will be used to implement this project. (This grant requires a dollar for dollar match.) Both the total amount of the grant request and the matching funds - along with their source - must be shown within the proposal.

4. State forms

Complete and attach the following forms if applicable: SFN 15275 (Funding Application Budget), SFN 15274 (Funding Application Cover Sheet) and SFN 15263 (Equipment and Instructional Materials Request). They can be found at http://www.nd.gov/ctc/forms and will not count against the three page limit.

5. Reimbursement

A final report will be required that includes a completed Request for Interim Reimbursement (SFN 15251) and a brief (one page) description of activities, outcomes, and number of students involved. The following additional forms should be submitted if necessary: a completed Equipment and Instructional Materials Request (SFN 15263) with actual purchase information and/or travel reimbursement form (SEN 50521) Be sure to keep all returned forms from the CTE office as they may be required for you reimbursement claim. If there are questions about the reimbursement claim, contact Matt Strinden at the email address below.

Selection Criteria: All applications will be reviewed to determine appropriateness, completeness and innovation. Acceptable applications will be funded on a first-come, first-serve basis until all funds (\$60,000) are allocated.

Expenditures: Funds may be used for equipment, consumables, travel, and registration fees. Funds may NOT be used for purposes of supplanting state and local funds and thus cannot be used to fund existing state funded programs. This grant is available on a recurring basis, however funding priority will be given to new applicants each year.

The grant information can be found online at http://www.nd.gov/cte/projects/grants/ Proposals (by mail or e-mail) must be received by September 30, 2011.

Send Grant Applications to:
Matt Strinden
State Technology Education Supervisor
Career and Technical Education
600 East Boulevard Ave., Department 270
Bismarck, ND 58505-0610
mbstrinden@nd.gov

#2 5B 2289

Innovation Grants 2010-2011

School	Contact Person	Description	Approved Amount	Paid Amount	Students Involved
Grand Forks – UND	Cheryl Osowski	First Robotics	10,000.00		!
NDSCS	Carrie Leopold	Biotechnology Cloning & Sequencing Innovation	10,000.00		
Fargo/NDSU	Gary R. Smith	Bison BEST Robotics	10,000.00		
Grafton – Central Middle School	Jack Maus	Middle School Robotics	2500.00		
Grafton – Central Middle School	Jack Maus	First Lego League	2000.00		
Drayton Public School	Cheryi Lambert	Bison BEST Robotics	1740.00		
Wing Public School	Julie Hein	Bison BEST Robotics	555.00		
Northwood Public School	Mike Voglewede	Thunder Robotics (First Robotics)	2500.00		
West Fargo – Cheney MS	Denise Jonas	First Lego League	2500.00		
West Fargo – STEM Center MS	Denise Jonas	First Lego League	2500.00		
Hankinson School	Anne Biewer	First Lego League	2500.00		

#3 582289

North Valley CTC	Mark Wagner	Bison BEST Robotics	2000.00	
Bismarck Public Schools	Paul Keidel	Lego Integration	2498.00	
Apple Creek School	Charlotte Knittel	First Lego League	423.00	
Devils Lake Public Schools	Jennifer Carlson	First Lego League Tournament	2500.00	
Ben Franklin Middle School- Fargo	Jeff Pegg	First Lego League	2319.00	
TOTALS			56535.00	

TESTIMONY ATTACHMENT I

House Education Committee
Testimony on HB 2289
March 8, 2011

Madam Chair and members of the committee, for the record my name is Matt Strinden, Supervisor of Technology Education with the Department of Career and Technical Education. Since the inception of the Grant for Innovation, our department has provided much appreciated funding for innovative STEM programs to schools. The RFP has focused primarily on robotics programs; however other innovative projects have also been funded. Over the past four years we have awarded 54 matching grants to schools and colleges totaling more than \$175,000. This money has provided those schools with the financial support to offer their students innovative educational programming that they would not have otherwise been exposed to. The time and commitment that individual teachers and coaches spend on this project with students is so important and has value beyond the activity itself. Additionally, this marriage of CTE and STEM education is a perfect fit for encouraging our students to engage in science and technology initiatives and support their interest in these career fields.

HB 2289, in an effort to increase involvement with the grant program, seeks to allow for more flexibility in how our department awards the grant funding to schools. Attached to my testimony you will find a draft RFP reflecting the requested changes in this bill. To date, we still have many schools that choose not to access the grant due to a lack of matching funds available, especially in the elementary setting. This lack of funding is still limiting many students from having the opportunity to be involved in these exceptional programs. This bill will allow the department the flexibility to allow

for non-matching mini-grants up to \$2500 with the retention of the dollar-for-dollar match grants with funding above \$2500. These grants have been instrumental in encouraging students to pursue Science, Technology, Engineering and Mathematics in K-12 schools and it is our hope, by providing this additional flexibility, that we will be able to reach even more students. Therefore, I ask for your do pass vote for HB 2289 and would be glad to answer any questions that you may have.

Request for Proposals 2011-12

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Post-Secondary Matching Grant: This grant will be available to post-secondary institutions for the purpose of providing innovative STEM programs for K-12 students. The maximum allowable amount for this grant is \$10,000. Dollar-for-dollar matching funds for grant recipients may come from public source, private source or any combination of public and private sources. The matching funds can be from private and/or public sources.

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Activities: Proposals could focus on, but is not limited to, one of the following:

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- 5. Other innovative programs relating to STEM

Format: Proposals should not exceed 3 pages, 12 pt. font. Please include the following:

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2. Description of activity

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Provide a budget describing all matching funds that will be used to implement this project. (This grant requires a dollar for dollar match.) Both the total amount of the grant request and the matching funds - along with their source - must be shown within the proposal.

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Expenditures: Funds may be used for equipment, consumables, travel, and registration fees. Funds may NOT be used for purposes of supplanting state and local funds and thus <u>cannot</u> be used to fund existing state funded programs. This grant is available on a recurring basis, however funding priority will be given to new applicants each year.

The grant information can be found online at http://www.nd.gov/cte/projects/grants/ Proposals (by mail or e-mail) must be received by September 30, 2011.

Send Grant Applications to:
Matt Strinden
State Technology Education Supervisor
Career and Technical Education
600 East Boulevard Ave., Department 270
Bismarck, ND 58505-0610
mbstrinden@nd.gov