



May 2014

Volume 6 Issue 10

### In this issue . . .

- ◆ North Dakota State Leadership Conference
- ◆ CTE Performance Indicators
- ◆ Welding Academy Update
- ◆ NDSCS Technology Camp
- ◆ RACTC Calendar of Events

## RACTC students perform well at State Conference

The 41st North Dakota State SkillsUSA Leadership and Skills Conference was attended by approximately 750 students, advisors and volunteers on the North Dakota State College of Science campus in Wahpeton. The conference officially opened at 6:00 p.m. with state officers taking their place on stage for the opening session. Tayler Duppong and Roxanna Hellman, from Glen Ullin, sang the National Anthem.



Shannon Oleen, a motivational speaker, spoke on down-to-earth concepts and attitudes that apply to everyday life. Ms. Oleen's theme for the conference was "Dream it, Map it, Reach it". Sunday evening concluded by prepping students for the competitive events on Monday.

Monday morning came early for many as students and advisors made their way to their individual contest areas on the NDSCS campus. When students were not competing, students were able to attend a Shannon Oleen workshop, tour the campus and tour other contest areas and attend a trade show. Monday evening concluded with a social and dance for students and advisors.

Tuesday morning started with an officer farewell breakfast for the retiring officers. Following the breakfast student awards were given to those who had placed in the competitive events.

Students who attended the spring leadership conference represented the Roughrider Area Career and Technical Center well. Tandra Stedman, Beach, placed gold in Basic Health Care; Codi Shaper, Killdeer, placed gold in Extemporaneous Speaking; Karly Houghton, Killdeer, placed gold in Job Interview; and Kyle Wegner, Dickinson, placed gold in Medical Math. Tayler Duppong, Glen Ullin, Roxanna Hellman, Glen Ullin; Morgan LeMieux, Killdeer, and Codi Schaper, Killdeer, placed silver in the Health Knowledge Bowl. Ashley Brew, Killdeer, placed with a silver in the area of Job Interview.

Congratulations to Karley Houghton, secondary reporter; Tandra Stedman, secondary treasurer; and Ashley Brew, secondary historian for the work they have done over the past year as state officers.

Congratulations to our new state officer Nicole Hanzel, Killdeer.



Following the awards ceremony the 2014-2015 new officers' team was installed followed by closing ceremonies.

Thanks to Mr. Geig Schneider, from Hebron, for driving the bus and meeting the busy schedule needs of all..

### What is a CTSO?

Career & Technical Student Organizations (CTSO) organizations are for students enrolled in Career & Technical Education programs. These organizations engage students to focus on CTE application activities such as developing and practicing leadership skills and applying occupational and academic content knowledge as an integral part of the CTE program.

Roughrider student pose for a group picture after closing ceremonies.



Tandra Stedman receiving her gold medal.



RACTC students having fun after the State Officer Farewell Brunch.



The 2013-2014 SkillsUSA Officer Team positioned at their stations on the stage during the closing ceremonies.



Shannon Oleen, motivational speaker Dream It | Map It | Reach It, has students from the crowd participate in cheer camp.



DHS's/RACTC Kyle Wegner - wins the Gold in Medical Math

# CALENDAR OF EVENTS

## May

May 7 RACTC Board Meeting 5:00 p.m.  
May 14 Mott All School Awards Program  
May 16 **End of Fourth Quarter**  
May 16 **End of Tegrity/Moodle**

## June

June 2-June 6 FFA State Convention (Fargo)  
June 4 PowerSchool End-of-Year  
June 4 RACTC Board Meeting  
June 9-June 11 Blasto Officer Training (Bismarck)  
June 9-June 13 Welding Academy Bismarck  
June 18 Moodle/Tegrity Training 9:00 am MT 12N Topic is on updates. 1:00 pm—4:00 Work Session DSU)  
June 22-28-SkillsUSA National Leadership and Skills Conference

## RACTC—MRACTC Welding Academy Update

The Welding Academy is to be hosted at the Bismarck Career Academy June 9th through June 13th. This year's welding academy focuses on advanced welding techniques and weld testing procedures.

The academy is accepting the first 25 students who enroll. Two meals will be provided each day and the evening meal is up to the individual. Housing will be on the Bismarck State College Campus.

Cost for the week is \$50. For additional information contact your local Ag. Instructor or contact Larry Sebastian at 701-878-4442 or [larry.sebastian@sendit.nodak.edu](mailto:larry.sebastian@sendit.nodak.edu).



## Students who enroll in CTE courses show increase in achievement rates

Each year students who have completed two or more credits in a single CTE program take an End of Program assessment. At an April 23rd CTE Administrator's Meeting, Mr. Wayne Kutzer, State Director, presented statistics that indicate that students who enroll in CTE courses have higher success rates in reading and math. Statistics also indicate students who are enrolled in CTE courses present higher graduation rates when compared to the larger student population. *See page 4 for statistical information.*

The Roughrider Area Career and Technical Center participates in the area of Health Careers. This year students in Dickinson, Glen Ullin, and Richardson-Taylor will participate in the assessment.

## NDSCS Hosts Tech Camp

NDSCS is again offering a **K-12 Technology Camp, June 17-19, 2014**. The camp is **open to any K-12 teacher**, and is an **excellent professional development opportunity!**

Through the support of the CTE State Office, **all expenses of any attending NDCTE instructor will be fully reimbursed/covered**. More information can be found in the attached brochure, along with links to the electronic and printable application forms.

Please feel free to share this information with others who may benefit from the camp. This is a great chance to tackle an instructional-related project which incorporates technology, and receive any necessary practical help in doing so!

Please contact Tom Hickman at 701-671-2354 or [tom.hickman@ndscs.edu](mailto:tom.hickman@ndscs.edu) if you have any questions.

RACTC . PO Box Q . Hebron, ND 58638  
Phone: 701-878-4442—Fax: 701-878-4345

### RACTC Member Schools:

Beach . Belfield . Dickinson . Glen Ullin . Hebron . Hettinger . Killdeer . Mott-Regent . New England . Richardson-Taylor . Scranton . South Heart

**Performance of CTE Concentrators  
ND Assessment and Graduation Rates 2010 - 2013**



		Reading Achievement Rates				Math Achievement Rates				High School Student Graduation Rates		
		CTE "Concentrators" met Proficient* level	All Students who met Proficient* level (2011-12)	Difference	"Concentrators" met Proficient* level	CTE Proficient* level (2011-12)	Difference	All Students who met Proficient* level	CTE Graduates	All Student Graduates	Difference	
<b>North Dakota 2012-13</b>												
Total Enrolled		84.3%	66.2%	18.1%	66.2%	57.3%	8.9%	96.0%	96.0%	87.2%	8.8%	
Female		87.8%	70.8%	17.0%	66.0%	55.5%	10.5%	96.0%	96.0%	88.8%	7.2%	
Male		81.5%	62.2%	19.3%	66.5%	59.1%	7.4%	96.0%	96.0%	85.7%	10.3%	
American Indian or Alaska Native		68.6%	36.9%	31.7%	48.4%	29.4%	19.0%	84.4%	84.4%	62.7%	21.7%	
Asian		81.8%	67.3%	14.5%	81.8%	61.1%	20.7%	84.5%	84.5%	88.1%	-3.5%	
Black or African American		51.3%	37.1%	14.2%	33.3%	25.5%	7.4%	91.1%	91.1%	79.8%	11.3%	
Hispanic or Latino		61.7%	50.0%	11.7%	58.0%	38.3%	19.7%	84.9%	84.9%	77.8%	7.1%	
White		85.9%	69.8%	16.1%	67.5%	60.7%	6.8%	97.0%	97.0%	90.4%	6.6%	
Economically Disadvantaged/Low Income		76.5%	50.1%	26.4%	59.6%	38.6%	21.0%	90.5%	90.5%	69.9%	20.6%	
Limited English Proficient		21.9%	15.0%	6.9%	20.5%	13.1%	7.4%	63.4%	63.4%	61.0%	2.4%	
Individual with Disabilities		66.8%	34.7%	32.1%	46.4%	27.5%	18.9%	82.5%	82.5%	71.5%	11.0%	
<b>2011-12</b>		(2010-11)				(2010-11)				(2010-11)		
Total Enrolled		77.1%	64.9%	12.2%	63.7%	59.4%	4.3%	94.7%	94.7%	87.0%	7.7%	
Female		80.6%	69.7%	10.9%	61.7%	56.3%	5.4%	94.7%	94.7%	88.7%	6.0%	
Male		74.5%	60.3%	14.2%	65.0%	62.5%	2.5%	94.8%	94.8%	85.5%	9.1%	
American Indian or Alaska Native		57.8%	41.3%	16.5%	48.3%	30.4%	17.9%	85.2%	85.2%	62.6%	22.6%	
Asian		N/A	53.0%	N/A	N/A	52.2%	N/A	80.0%	80.0%	86.0%	-6.0%	
Black or African American		54.3%	35.2%	19.1%	33.3%	21.2%	12.1%	82.9%	82.9%	75.9%	7.0%	
Hispanic or Latino		57.8%	53.1%	4.7%	45.0%	39.8%	5.2%	79.2%	79.2%	72.7%	6.5%	
White		79.2%	68.2%	11.0%	65.3%	63.5%	1.8%	95.9%	95.9%	90.4%	5.5%	
Economically Disadvantaged/Low Income		68.2%	50.0%	18.2%	54.6%	42.1%	12.5%	89.8%	89.8%	73.3%	16.5%	
Limited English Proficient		N/A	18.1%	N/A	N/A	13.6%	N/A	65.7%	65.7%	66.7%	-1.0%	
Individual with Disabilities		55.5%	35.5%	20.0%	44.0%	32.1%	16.5%	81.3%	81.3%	67.9%	13.4%	
<b>2010-11</b>		(2009-10)				(2009-10)				(2009-10)		
Total Enrolled		58.7%	63.6%	-4.9%	52.9%	55.1%	-2.2%	92.3%	92.3%	86.2%	6.1%	
Female		60.6%	66.1%	-5.5%	49.5%	53.9%	-3.5%	92.2%	92.2%	88.0%	4.2%	
Male		57.4%	61.2%	-3.8%	55.2%	57.2%	-2.0%	92.4%	92.4%	84.6%	7.8%	
American Indian or Alaska Native		42.9%	38.9%	4.0%	41.4%	28.7%	12.7%	77.9%	77.9%	60.5%	17.4%	
Asian		N/A	58.3%	N/A	N/A	57.8%	N/A	91.6%	91.6%	88.5%	3.1%	
Black or African American		N/A	36.8%	N/A	N/A	25.2%	N/A	64.0%	64.0%	79.5%	-15.5%	
Hispanic or Latino		42.5%	48.6%	-6.1%	32.5%	42.6%	-10.1%	78.7%	78.7%	67.8%	10.9%	
White		60.3%	66.6%	-6.3%	54.2%	58.3%	-4.1%	93.9%	93.9%	89.7%	4.2%	
Economically Disadvantaged/Low Income		50.4%	49.5%	0.9%	42.0%	38.9%	3.1%	87.8%	87.8%	78.2%	9.6%	
Limited English Proficient		N/A	32.7%	N/A	N/A	25.0%	N/A	57.7%	57.7%	69.9%	-12.2%	
Individual with Disabilities		39.4%	42.9%	3.91%	31.9%	34.2%	-2%	76.8%	76.8%	71.3%	5.5%	

N/A = small sample size; numerator ≤ 10

Concentrator = A CTE concentrator is a student who has earned two or more credits in a single CTE program area recognized by the state

\*Students take Assessments in Grade 11 - Reported by CTE on Graduation  
Source: 2011, 2012, & 2013 CTE CAR Report + 2010, 2011, 2012, & 2013 Statewide AYP Reports

# Welding Academy

June 9-13, 2014

At the Bismarck Technical Center



The academy will focus on advanced skills and weld testing procedures. Instruction will be adapted to individual learner needs. The welding academy is for students that are proficient in welding - Welding position certification will be provided to students that meet standards. Intermediate welders are also welcome, instruction on position welding will be tailored for these students. . Academy graduates of last year are welcome!

The Academy will be held at the Bismarck Technical Center on the BSC Campus. Tentative Schedule (Times are Central time).

June 9 – 9:00- 4:00- Safety, Equipment, Materials & Tours

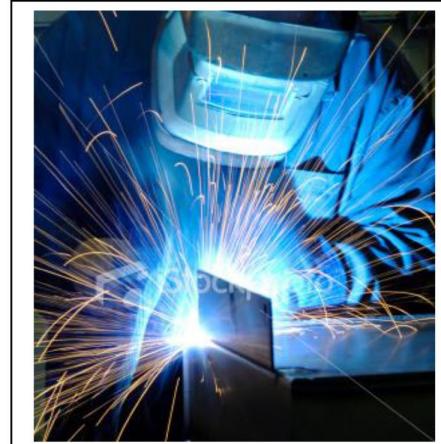
June 10 – 8:00-4:00 – Shielded Metal Arc Welding

June 11 – 8:00-4:00 – MIG Welding

June 12 - 8:00-4:00 – Weld Testing (Coupons)/Position Welding

June 13 - 8:00-4:00 – Weld Testing (Coupons)/Position Welding

All participants will be responsible for appropriate dress required to weld. This includes boots, gloves, coveralls, safety glasses, and welding helmet. Proper safety precautions will be stressed during the academy. Signed permission and conduct forms are required. (Your Ag/Welding instructor has these forms for you.) 2 meals and housing are provided – evening meals on your own.



**\$50**

Send permission, conduct and registration form with \$50.00 registration to: MRACTC  
Welding Academy  
Connie Grause  
1221 College Drive  
Bismarck North Dakota 58506  
Office: 701-323-4340 ext 3000  
Fax: 701-323-4345  
Email:  
Connie\_Grause@bismarckschools.org

This welding academy is open to students ages 16-19. Registration is limited to the first twenty-five students. There is a fifty dollar registration fee. Lodging is available in a BSC dorm and 2 Meals daily (Breakfast and Lunch) will be provided (both free) at the Bismarck State College student Union. The academy will be held at the Bismarck Technical Center welding facility. Instructors will be Mr. Rudy Privratsky, retired welding instructor at Dickinson High School, and Mr. Barry Schneider, welding instructor at Bismarck Public Schools. (Clip and return form below)

Name \_\_\_\_\_ Phone \_\_\_\_\_

Address \_\_\_\_\_ Age \_\_\_\_\_

City/State \_\_\_\_\_ School \_\_\_\_\_

Email Address \_\_\_\_\_

(please circle) Welding Skill Level: Intermediate, Advanced    Housing needed: Yes No

The NDSCS Instructional Technology Department  
and the NDSCS Tech and Learning Team presents:

# Educational Technology

## K-12 BOOT CAMP 2014

Tuesday, June 17  
at 12 noon through  
Thursday, June 19  
at 5 p.m.

Location: NDSCS Digital Media  
Lab – Library 2nd Floor



### WHAT'S THE PURPOSE?

- Watch the video at <http://tinyurl.com/K-12-Boot-Camp-Video>
- Identify a digital technology-focused learning challenge or learning objective
- Create a proposal to address the challenge or objective
- Utilize camp staff in developing a strategy to implement your proposal
- Work individually or with a partner (requires individual registration)

### COST

- Register before April 15, 2014: \$275
- Register April 15-May 15, 2014: \$300
- Noon lunches provided
- The first 15 North Dakota CTE instructors to register will have all expenses paid for by North Dakota CTE
- Graduate professional development credit available for an additional fee

### WHAT'S IN IT FOR ME?

- Receive skills usable for lifelong learning and teaching
- Obtain tools customizable to your teaching style and methods
- Benefit from staff experienced in the use of instructional technology

### WHAT'S EXPECTED OF ME?

- Technology experience **not** required
- Participate (22 hours over 3 days)
- Attend break-out sessions and meals
- Work diligently
- Share what you've learned
- Complete pre-camp and post-camp work (if pursuing continuing education credit)

### APPLICATION

- Electronic application available at <http://tinyurl.com/K-12-Boot-Camp-eApp>
- Printable version available at <http://tinyurl.com/K-12-Boot-Camp-Application>
- Questions? Call Tom 701-671-2354 or email [tom.hickman@ndscs.edu](mailto:tom.hickman@ndscs.edu)



Sponsored by North Dakota State College of Science