

RACTC Directors Report
Wayne Olson, Director
May 2016

Welding Academy

The RACTC in a joint effort with the MRACTC will be hosting the 2016 Welding Academy on June 13-17 at the Bismarck Technical Center. The Welding Academy is open to students ages 16-19, and is limited to 25 participants. During the week the students will focus on industry skills and welding test procedures. Welding position certification will be provided to students that meet the standards. The cost to participants is only \$50 and includes lodging at a BSC dormitory as well as breakfast and lunch each day.

Vernier "Investigating Environmental Science Through Inquiry" Grant

The RACTC was able to obtain a \$25000 grant from the HESS Corporation to purchase an Environmental Science unit through the Vernier Company. This hands on unit can be in science or ag science classes. Each unit comes with testing equipment that attaches to the LabQuest2 data collection units. Some of the units that are included are:

- Local weather study
- Water quality
- Soil treatment
- Soil moisture
- Soil salinity
- Soil PH
- Cell respiration
- Biodiversity in ecosystems
- Water cycle investigation
- Decomposition investigation
- Global warming
- UV investigation
- Population growth
- Fossil fuel energy
- Wind energy
- Solar energy

The RACTC will be holding a two day workshop in Dickinson on July 12 & 13 for interested RACTC instructors. Teachers that complete the workshop will be able to use the unit during the 2016-17 school year.

Health Sciences Classes

The RACTC will have two Health Sciences teachers on staff for the 2016-17 school year.

Mrs. Bobbie Johnson will continue to teach Health Careers I, Health Careers II, and Medical Terminology at Dickinson High School.

Mrs. Bobbi Schneider will off classes through the ITV and Tegrity systems to other RACTC school. Mrs. Schneider will be teaching out of Hebron High School. She will teach classes in Health Careers I and Medical Terminology for 2016-17 and will expand the curriculum to include addition classes during the

2017-18 school year. Those classes will be determined on the needs of the schools but may include, Sports Medicine, Nursing Assistant and EMT.

State SkillsUSA Convention

The North Dakota State SkillsUSA Convention was held in Bismarck on April 17-19. The RACTC was represented by two students and advisor Bobbie Johnson. The results are as follows:

Taylor Kadrmas- Nursing Assistant – Bronze Award

Heather Hintz – Medical Math – Silver Award

CTE Legislative Tour

The North Dakota Career and Technical Education department along with the Association for Career and Technical Education will be hosting a legislative and media tour next fall across the state of North Dakota to draw attention to CTE programs in North Dakota. Dickinson High School will host the tour on the morning of Wednesday, September 21. RACTC Director Wayne Olson will be giving an overview of CTE programs in our area as well as highlighting our Health Sciences program. Mr. Sean Lynch from the national CTE office will also speak. This should be an outstanding opportunity to draw attention to the successful CTE programs in our area and across North Dakota.

Manufacturing Day

The RACTC has been working to develop a partnership the Southwest Manufacturing group. The intent is to form a relationship so that CTE instructors can show students area career opportunities using the skills they have developed in their local CTE classes. The group will hold a manufacturing day in Dickinson on October 12, 2016 and will also visit interested schools. This summer I have a day long tour planned for teachers that use our High Tech Equipment so that they can see the skills that they teach being put to use. Some of the businesses included in this partnership include Baker Boy, Fischer Industries, Steffes Manufacturing, TMI, Killdeer Mountain Manufacturing and Solar Bee.