



**Roughrider Area Career & Technical Center
Directors Report
March 2018**

Meetings

April 4 at 6:00PM MST – RACTC Board Meeting Klinefelter Hall DSU

April 18th – 19th in Jamestown CTE Administrators meeting

April Board Meeting

The main agenda item is to work out board policy for salary and benefits for RACTC employees. I will be working on some salary numbers and other items to share with the board and will have this information sent with board meeting documents next week.

High Technology Equipment

Hettinger School kept the BN20 for an extra two weeks and was delivered to Mott School on March 12. Mott school will be able to keep the module until the end of the school year.

I will start the rest of the rotations beginning on Thursday, March 22 – March 27.

Belfield – Welding trailer
Glen Ullin – Embroidery
Hebron – 3d printer
Hettinger - CNC router
Killdeer – Bio Chem
New England - BN 20 vinyl printer
Scranton – Laser engraver

I have been working with Jayme and Michele Renner, Global Technology Incorporated on a 3d printer training. We have been having a difficult time finding dates that work this winter. With spring upon us maybe more teachers are interested in venturing out. For most teachers this training is probably more for equipment rotations for the 2018/2019 school year.

The dates that we are looking at is April 18 and 19 at Global Technology in Mandan. This training is for new users or anyone that needs questions answered.

The total cost for the two day workshop is \$2400.00. If we can get 4 participants from around the state this cost is divided by 4, if we get more the cost goes down. If we only get two and they are from our consortium only, the cost is \$2400 which is quite expensive for our coop and we probably would not go with it and would try again next fall.

RACTC Agronomy Class

I met with Misty Steeke, Agriculture Education Teacher Scranton and Dr. Chip Poland, Chair of The Agriculture Department at Dickinson State University, to discuss the possibility of offering our ITV/Online agronomy class for dual credit for the 2018/2019 school year. We are currently using the same textbook DSU uses for their World Crops class being offered for three credits. We sat with both course syllabuses and compared units of instruction. Dr. Poland stated that if we can align our curriculum to at least 70% of theirs they will talk about offering dual credit. We are already teaching at least 70% of the content, we just need to organize our syllabus and get approval. Currently our animal science class and medical terminology classes are being taught as dual credit through DSU.

Dickinson High School Health Careers II

Congratulations to the Health Sciences II classes and Mrs. Bobbie Johnson for their appearance on the CBS news on Monday night March 12. The students and their instructor interviewed very well shining a bright light on Dickinson High School and the RACTC.

Article of interest

As I read through this article our schools are already accomplishing these principles. The RACTC is enhancing schools by offering dual credit, career readiness skills, hands on project based education, competency based education and offering high tech equipment for STEM awareness.

Today's Next Generation High Schools are better engaging students by providing stronger connections to the educational needs and interests of individual students; opening new opportunities to personalize and tailor academic content and wrap-around student supports; challenging students with rigorous courses, including in new economy subjects such as computer science; using innovative approaches and strategies to restructure the scope and time spent learning; and employing innovative educational technologies, project-based learning, and competency-based progressions to engage and empower learners. Ultimately, the strategies reflected in America's Next Generation High Schools will equip today's youth with the strong content knowledge, collaboration opportunities, and critical skills needed to meet the demands of an innovation economy, while preparing them to embark upon a lifetime of learning.

Principles of Next Generation High Schools

- Redesigning academic content and instructional practices to promote active and hands-on learning, aligned with postsecondary and career-readiness;
- Personalizing and tailoring academic content and learning to strengthen the connection to the educational needs and interests of individual students;
- Ensuring strong content knowledge and skills for teachers in all subjects, including STEM;
- Providing and personalizing academic and wrap-around support services for those students who need them;

- Providing high-quality career and college exploration and counseling on options for students after high school graduation;
- Offering multiple opportunities to engage in postsecondary learning, including earning college credit while still in high school; and
- Redesigning the scope and sequence of learning time in more innovative and meaningful ways, incorporating innovations such as educational technologies, project-based learning, and competency-based progressions.