

NORTH DAKOTA TRIBAL
COLLEGE SYSTEM
CTE PROPOSALS



United Tribes Technical College (UTTC)

Bismarck, ND

Dr. Leander McDonald, President

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(701) 221-1718

Heavy Equipment Operations (HEO) Budget

<u>Loader</u> – 2019-2023 Caterpillar Loader 926M	\$200,000
<u>Motor Grader</u> – 2019 -2023 Caterpillar 140	\$400,000
<u>Dump Truck</u> – 2018-2023 Kenworth T880	\$200,000
<u>Trailer</u> – 2019-2023 Wilson drop deck trailer	\$75,000
<u>GPS</u> – Trimble GPS unit for excavator	\$80,000
<u>Tires</u> – New set of tires for caterpillar scraper	\$45,000
<u>Total</u>	\$1,000,000

The Heavy Equipment Operations certificate program at UTTC would benefit greatly from upgrading the equipment currently used for preparing our students for the construction industry. The addition of the equipment listed above will enhance the UTTC students' educational experiences and skills building. Our current loader is becoming outdated to the point where it will start needing a lot of repairs. With a new loader our students will have the opportunity to increase their fluency with the new technologies currently available in the industry.

Contractors are now using newer equipment because of the advancements in technology that make the machines more efficient for contractors and operators. Purchasing a new motor grader would also expose the students to the new technologies that come as standard options on the new pieces of equipment. Measuring devices that we put in the machines in the past, such as bubble levels, are all now digitally installed in the machines.

The addition of a dump truck to our equipment fleet would benefit both our Commercial Vehicle Operations (CVO) students, as well as the Heavy Equipment Operations (HEO) students, by providing them with the opportunity to properly load a truck and understand proper weight distributions for road systems.

Purchasing a new trailer that has ramps will allow students opportunities to learn how to load our equipment and transport it for moving between job sites and for repairs. A GPS unit, which is equipment we currently do not have, installed on our excavator would again prepare students an opportunity to learn about technologies that are available on almost all job sites in this region.

The last item on the list is a set of tires for our scraper. We recently purchased a newer scraper, and the machine is due for tires. The machine runs excellent, but the upkeep on these machines is key to making sure that the students get a quality education.

UTTC is committed to preparing graduates who are qualified with the knowledge and skills for jobs that are in high demand in the state of North Dakota. Having equipment that is comparable to the machines used in the industry is crucial to ensuring they are ready to join the workforce.

Cankdeska Cikana Community College (CCCC)

Spirit Lake Dakota Tribe

Fort Totten, ND

Dr. Cynthia Lindquist, President

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Request: \$1 million for new CDL classroom building with truck bay and parking lot

CCCC needs a dedicated classroom, office space and a truck bay to better operate the CDL program, including a parking lot space for practicing and testing the student drivers.

The program is designed to provide students with the training and skills necessary to pass the North Dakota State Commercial Driver's License Class A/Class B test, as well as the school bus passenger endorsement and hazmat endorsement, by helping improve the student's knowledge of professional driving in compliance with FMCSA regulations through classroom, simulator practice and on the road training.

North Dakota provided the funds to establish the program but due to physical space limitations, the program can only accommodate 12 students per semester. The College currently has two instructors who have the appropriate credentials, a truck-driving training simulator, and a semi and trailer. Because of lack of testers for the regional area, a CCCC faculty member has become state certified as a third-party tester for any CDL student. Each student needs 40 hours of behind the wheel training, 20 hours of bus driving, 40 hours of theory, and 20 hours on the simulator to test for the CDL license.

The current classroom is located in a 1980s addition to the CCCC campus that does not have sufficient electrical outlets needed for student laptop charging and the simulator requirements. There is also no regulated heating/air in that area which is hard on the simulator as it is required to have a regulated temperature. There is no space for teaching equipment such as a smart board or white board.

CCCC does not have a truck bay facility (garage) for the semi and thus it sits out in the winter which then requires more maintenance. Having a heated truck bay would keep the semi out of the elements, prolong the use, and would also provide the students with practice opportunities for inspections that are part of regular testing.

A dedicated parking lot for training and testing that meets state guidelines would greatly compliment the program as currently, instructors have to find a parking lot, get permission to use it, then assure it is usable and set up cones for practice or testing. Most local entities are willing to 'share' but it is usually for after normal work hours so is restricting the practice and testing times.

Based on current prices, CCCC plans to build a 50'x100' facility that would house two offices, a dedicated classroom and space for the simulator, two bathrooms, and a truck bay for the semi at an estimated cost of **\$675,000**. CCCC Carpentry Program will construct the building as an experiential learning project for the students. In addition, a parking lot area is needed for students to practice and to be tested. A 180'x70' paved parking lot is estimated at **\$325,000** and would be adjacent to the classroom building.

With new space and parking lot, the CCCC CDL Program would be able to double capacity to 24 students per semester plus possibly establish alternative class schedules.

The Spirit Lake Tribe has determined a section of land that is close to the CCCC campus to build the facility and parking lot and the Tribe would not charge a lease or rent for the land.

Sitting Bull College (SBC)

Standing Rock Tribe
Fort Yates, ND

Dr. Laurel Vermillion, President
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History

Sitting Bull College (SBC) is a tribally-controlled college on the Standing Rock Reservation of North and South Dakota. College offices are located near Ft. Yates ND. SBC is accredited by the Higher Learning Commission of the North Central Association of Colleges and School (HLC) and has operated continuously since 1973. The President is Dr. Laurel Vermillion.

The mission of Sitting Bull College Guided by Ochethi Sakowin culture, values, and language, Sitting Bull College is committed to building intellectual capital through academic, career and technical education, and promoting economic and social development.

Sitting Bull College began as Standing Rock Community College (SRCC) on September 21, 1973. On that date, the Standing Rock Sioux Tribal Council granted a charter to SRCC to operate as a post-secondary educational institution with the authority to grant degrees at the Associate level. Recognizing the need for an institution of higher education which would provide opportunities for people in the immediate area, several movers and shakers on the Standing Rock reservation began the process of establishing one of the nation's first tribal colleges. On March 6, 1996, the Standing Rock Sioux Tribal Council voted to officially amend the charter, changing the college's name to Sitting Bull College (SBC). The objectives were not altered and the college continues to operate as the charter specifies. The below chart shows the enrollment trends for the past ten years.

Sitting Bull College is considered a small to mid-size Tribal College, with 27 full-time faculty and approximately 75 administrative and support staff personnel. Approximately ninety percent (90%) of the students each semester are Native American and 65% are female students. Sitting Bull College currently offers 3 masters, 9 bachelors, 15 associate level general college transfer programs and career and technical education programs, and 8 certificate programs.

Campus Facilities

In 1998, with the purchase of 160 acres of land, building the new campus began. To date, the college has raised \$25 million of an ambitious \$40 million campaign to construct our current Fort Yates campus on land overlooking the Missouri River, home to native people for thousands of years. In addition, Sitting Bull College has sites in McLaughlin, SD and Mobridge, ND

The master plan for the Fort Yates campus has been developed in phases. The water, sewer, roads, and lights have been completed for Phase I. The first building completed on the new campus in 2000 was the cultural center with a classroom that has been used for painting, stain glass, and pottery. The center is also used as a meeting facility. The College also completed eighteen low-income student-housing units on the new campus. Construction of the first academic building the science and technology center began in the fall of 2004 with completion in December 2005. Classes began in this 23,000 square foot state-of-the-art facility in January 2006. In March 2006, the college opened its 16,000 square foot family support center which houses the education programs and also contains a safe, modern daycare facility that can accommodate 75 children. On April 2, 2007, the college opened a new 5,100 square foot transit center on the new campus. Sitting Bull College founded the Standing Rock Public Transportation program in 1989 and since then has funded and managed the program. The new facility houses the Standing Rock Public Transportation (SRPT) program,

including five offices, a waiting area for customers, two mechanic bays and one wash bay for transportation vehicles. In July 2008, a 16,500 square foot entrepreneurial center was built. It houses the President's office, business administration, criminal justice, and horsemanship programs, along with the Tribal Business Information Center and six business incubator spaces to assist with business start-ups. Construction was completed on July 1, 2009 for a 13,000 square foot student center which houses a 6,000 square foot library and a 7,000 square foot area for student services and developmental education. Included in the student services area is a classroom, computer lab, GED/tutoring lab, a student lounge, and offices for student support staff. In April 2010 construction was completed on a 3,000 square foot facility financial center that houses the college's business offices. Construction was completed in the fall of 2010 for a 14,000 square foot trades center which houses the college's current building trades program, along with the electrical, welding, energy technology, and CDL programs. In the fall of 2012, construction was completed for 5,000 square foot efficiency apartments that will house 12 female and 12 male students. Fall of 2014, construction was completed on a 3,000 square foot Vocational Rehabilitation office complex. Spring 2022, construction was completed on a 5,000 square foot Research facility. In the fall 2022, construction began for a 3,000 square foot Ag Center, with an anticipated completion date in the spring 2023.

Funding Request

Sitting Bull College trades programs which include the following: Building Trades, Electrical, CDL, Heavy Equipment, and Welding, along with the College's maintenance operations occupy a 14,000 square foot facility. Many of the programs such as welding are operating in a small area, which requires that enrollment be kept to a minimum of 6 or less. **Therefore, Sitting Bull College is requesting \$1,000,000 to assist in the construction of a facility for the Trades programs.**

Nueta Hidatsa Sahnish College (NHSC)

Mandan, Hidatsa, Arikara (MHA) Nation
Tew Town, ND

Dr. Twyla Baker, President

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State Career & Technical Education Grant draft budget

Date Submitted	9/30/22
Name of TCU	Nueta Hidatsa Sahnish College
Program Administrator	Susan McNeil/Iman Moore

Project Expenses

Personnel

Budget Item	Total	Budget Narrative
Program Director	\$ 75,000.00	
Program Coordinator	\$ 50,000.00	
Instructors	\$ 200,000.00	x3 positions
Total	\$ 325,000.00	

Program Expenses (Supplies, Technology, and Marketing)

Budget Item	Total	Budget Narrative
Marketing	\$ 70,000.00	
Recruitment & travel	\$ 100,000.00	
Total	\$ 170,000.00	

Travel

Budget Item	Total	Budget Narrative
Student scholarships/stipends	\$ 100,000.00	
Total	\$ 100,000.00	

Other

Budget Item	Total	Budget Narrative
Classroom renovation	\$ 75,000.00	
CDL refurb + classroom reno	\$ 80,000.00	
Maintenance Tech/Welding/CDL	\$ 250,000.00	
Total	\$ 405,000.00	

Overall Project Total \$ **1,000,000.00**

Nueta Hidatsa Sahnish College proposes to expand and update current CTE offerings, as well as craft an additional new certificate program for Maintenance Tech. Costs associated with this initiative are summarized in the attached budget, and described roughly below:

- Program Director & Coordinator to assist with administrative tasks 7 project oversight, as well as marketing and curriculum development.
- 2 welding instructors so that we could have an advanced pipe welding program
- Additional welding booths as well currently we have 7 booths, the state wants us to have at least 10 students in welding, but we don't actually have space for 10.
- Classroom for the maintenance tech program (renovation of existing space, or location/lease of space as determined necessary)
- Classroom for CDL. NHS College has a CDL simulator which would need considerable updating in order to be placed back in service.
- Maintenance Tech instructor.
- Maintenance Tech program supplies and instructional tools: we would need mockups to practice the various skills like toilets, electrical panels, walls, heating and plumbing units and of course tools, table saws, hand tools of all types such as drills, hammers, sockets, screw drivers, etc.

On-going supplies such as wood, spackling, dry wall, nuts, bolts, screws, nails, PVC pipe. Welding requires metal and pipes for practice, welding machines, power source, welding cables, electrode holder, chipping hammer, wire brush, hand screen, & protective clothing.



Turtle Mountain Community College

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Turtle Mountain Community College (TMCC) is a tribal community college with obligations of direct community service to the Turtle Mountain Chippewa Tribe. The College continues to provide quality education to our Native American Community and seeks to enhance our students' ability to compete for jobs as outlined in the North Dakota Job Service's list of In-Demand Occupations. TMCC's CTE programs have strived to fulfil those needs. As we discuss our current and future needs for the CTE programs, we tend to focus on three primary areas that would help with reaching our goal:

- **Program sustainability.** Many of our programs are funded under various grant programs. Although the funding of these programs is ending, the need for the programs continues. Among these include our healthcare programs such as HEART, previously funded the US Department of Health and Human Services which provided support for Tribal members to pursue careers in nursing and related fields; our Allied Health programs which provides training and support for students pursuing careers in Medical

Laboratory Science. Funding will allow TMCC to continue these much-needed programs for our students and our community.

- Expansion and enhancement of TMCC's CTE programs.** To successfully expand and enhance our CTE programs, TMCC will need to provide adequate lab space, which means upgrades of technology, instruments, and equipment to state-of-the-art technology to meet the needs of our partners in industry. We would like to offer evening and online programs to allow students with fulltime employment to attend classes to further their careers by enhancing their education and skills. Offer Associates Degrees and certificate programs in Advanced Manufacturing under our CTE programs. These changes will require additional recruiting and the addition of qualified faculty and staff to support increased enrollment.
- Early Entry program.** In addition to dual credit, TMCC offers an Early Entry program for students to take general education, introductory level courses, or earn one of several CTE certificates while still in high school. The program allows students to begin early pursuit of their academic or CTE careers, and enhances students' interest in education which helps to reduce dropout rates. The program is beneficial to the student, but offers many additional challenges for the College to support the program and to ensure the safety and security of the students. A coordinator and additional faculty are needed to provide the student with a quality education.

Description	Amount
Project Coordinator	\$50,000
Faculty (5)	\$310,000
Fringe	\$167,400
Total Personnel and Fringe	\$527,400
Equipment for Lab Upgrades	\$350,000
Supplies	\$75,000
Other – Contractual, Licensing and certifications	\$47,600
Total	\$1,000,000