

Relationship of Academic and Student Support Services Planning to Master Facilities Plan for Dakota College at Bottineau (March 30, 2018)

Overview of College Programs

As one of five community colleges in the North Dakota University System, Dakota College at Bottineau (DCB) has academic programming in the areas of liberal arts/transfer and career and technical education. The college offers certificates of completion, certificates, diplomas, Associate of Applied Science degrees, Associate of Science degrees, and Associate of Arts degrees.

Liberal Arts/Transfer Pathways

Currently, DCB has transfer pathways in 28 academic disciplines. These pathways enable students in liberal arts/transfer programs to transfer successfully to four-year colleges and universities. These pathways include:

Accounting	Elementary Education	Pharmacy
Agriculture	English	Physical Education
Art	Finance (Business)	Pre-Engineering
Biology	Health Professions	Psychology
Business Education	History	Secondary Education
Business Administration	Human Services	Social Science
Chemistry	Liberal Arts	Special Education
Computer Info. Systems	Marketing and Management	Veterinary Science
Early Childhood Educ.	Mathematics	Wildlife Management
Economics		

Career and Technical Education

The Career and Technical Education (CTE) programs offered by DCB are organized into six major fields of study. These fields of study, along with their related CTE programs, are:

Business

- Advertising and Marketing
- Information Management – Accounting Technician
- Information Management – Administrative Assistant
- Reception Services
- Bookkeeping
- Small Business Management

Computer Technology

- Information Technology – Computerized Office Management
- Information Technology
- Information Technology – WebMaster
- Information Technology – WebDesign

Education and Human Development

- Caregiver Services
- Child Development Associate
- Paraprofessional Educator – Early Childhood
- Paraprofessional Educator – K-12
- Paraprofessional Educator

Health Professions

- Paramedic Technology
- Medical Coding
- Medical Assistant
- Health Information Management
- Medical Administrative Assistant
- Practical Nurse (PN)
- Associate Degree Nurse (RN)

Natural Resources

- Environmental Technology – Laboratory & Field Technician
- Environmental Technology – Natural Resources Management
- Land Management
- Floral Design & Greenhouse Technology
- Greenhouse Technology
- Landscape Design and Maintenance
- Recreation Management
- Aquaponics
- Specialty Crop Production
- Urban Forest Management
- Wildlife & Fisheries Technology

As Dakota College at Bottineau plans for the future, it intends to add, or investigate the potential of adding, the following CTE programs:

- Human Resources Management
- Additional programs/options in Allied Health
- Additional programs/options in Information Technology
- Agriculture Production
- Agribusiness Management
- Golf Course Management
- Turf Production

Analysis of Facility Needs Related to Academic Programming

Liberal Arts/Transfer Pathways

DCB currently has adequate numbers of classrooms and labs for its liberal arts/transfer programs and anticipates that this will be the case for the next five to ten years. While the numbers and sizes of classrooms are projected to remain sufficient during this time period, the major need is continual updating and refurbishing of these existing classrooms and labs.

The science labs in the Nelson Science Center have not been updated since the building was constructed in 1972. In particular, the chemistry, anatomy and physiology labs, and wildlife and fisheries labs are in need of new furniture, fixtures and related equipment. Additionally, the second phase of the HVAC project for Nelson Science Center is needed to complete the heating, air conditioning and ventilation into the building's classrooms and labs. This second phase will also require the installation of new ceilings and lighting fixtures in the main hallways, as these need to be removed in order to complete the installation of ductwork into the classrooms, labs and offices.

The college has seen a steady increase in the number of dual-credit (early enrollment) courses delivered to high schools. Given this growth, it is likely that the college may need to add one additional IVN classroom solely dedicated to dual-credit courses, especially in light of the varying class schedules utilized by the high schools.

Career and Technical Education

Nursing (Practical Nursing and Associate Degree Nursing)

One of the most pressing needs in the college's CTE programs is to find adequate classroom and lab facilities for the college's growing nursing programs. The two small classrooms which were converted into nursing labs are already much too small for the programs' current student enrollment. Also, given the current trend in nursing programs

to use manikins for skills development, more space is needed to accommodate additional manikins. The use of manikins also requires quality video observation areas for faculty to monitor student performance in critical nursing tasks. Very limited storage exists, which causes supply items to be stored in the labs and classroom. Further, the program's dedicated nursing classroom is also too small. Additionally, there is very limited space for student conferencing and studying. Given the pressing need for more nurses in the state, and the growing enrollment in DCB's nursing programs, the need to improve the college's nursing facilities is a high priority.

Allied Health (Paramedic Technology, Medical Coding, Medical Assistant, Health Information Management, Medical Administrative Assistant)

DCB currently partners with the Community Ambulance Service in Minot for its Paramedic Technology program. As long as this partnership remains in place, the college does not anticipate any facility needs for this program. However, should a situation arise that requires that the program be physically located on campus, this would require dedicated lab space for the program.

The medical coding and health information management programs are primarily distance programs and do not currently impact the campus facility needs. The medical assistant and medical administrative assistant programs do employ both on-campus and online delivery methodologies. However, the on-campus courses utilize existing general purpose classrooms and it is not expected that there will be any dedicated facility needs for these programs.

Wildlife and Fisheries Technology

As noted previously regarding the need to upgrade the science labs in the Nelson Science Center, the primary lab used by the Wildlife and Fisheries Management program has not seen any major improvements since the building was constructed in 1972. The major need in this lab is for more flexible furniture and storage areas, as well as a more updated appearance.

Horticulture/Aquaponics//Forestry

Horticulture is one of the college's oldest program areas, dating back to the 1930's. Programs included in horticulture are Floral Design and Greenhouse Technology, Greenhouse Technology, and Landscape Design and Maintenance. A major curriculum restructuring has recently been undertaken and the programs are poised for growth. However, the college's horticulture facilities are quite dated. While the college's main greenhouse has been updated throughout the years using both appropriated funds and grants from the USDA, the headhouse and two smaller attached greenhouses, which were constructed in the 1963, are due for refurbishment, especially in their electrical, plumbing, lighting systems. The headhouse and greenhouses could also use upgrades for energy efficiency.

The college is fortunate to have constructed a wash/pack facility for cleaning, packaging and storing vegetables and other specialty crops grown on the campus field plots. This building was funded through a USDA grant and is a unique facility for supporting the college's horticulture programs.

Aquaponics is one of the college's newest programs and has primarily been undertaken with the assistance of grant funding from the USDA. Any future growth for this program will require that one of the college's existing greenhouses have a portion of its space converted to accommodate aquaponics equipment, which in turn will require electrical, plumbing and lighting upgrades.

The college's forestry program is currently focused on Urban Forestry and is conducted primarily online. However, the college is exploring the possibility of adding more on-campus courses. This in turn will require a dedicated lab area in either the Molberg building or Nelson Science Center, which will require either relocating an existing lab or developing a shared lab space which can serve multiple programs.

Photography

The photography program at DCB is relatively new, having been in place for about five years. The program utilizes one dedicated lab, which is a former general purpose classroom in the Nelson Science Center. The program is projected to grow over the next 3-5 years, which may require additional lab space for certain types of student projects and specialty photography applications.

Business (Advertising and Marketing, Information Management – Accounting Technician, Information Management – Administrative Assistant, Reception Services, Bookkeeping, Small Business Management)

The programs in this area are either online or on-campus. At this point, none require dedicated lab or classroom space. On-campus facility requirements are essentially access to IVN classrooms or other general purpose classrooms.

Computer Technology

The college has relocated its CTE programs in computer/information technology to Minot to better serve the community and region. The college is currently able to use facilities at Minot State University to serve students in the Information Technology – Computerized Office Management, Information Technology, Information Technology – WebMaster and Information Technology – WebDesign programs. Future facility needs will depend on the long-term growth and success of these programs in the Minot area.

Students on the DCB campus will still be able to enroll in the computer technology programs through the use of interactive technologies. The college anticipates that it will still need to maintain several on-campus computer labs to serve students taking computer courses required for other programs, in addition to those in the CTE computer programs.

Education and Human Development (Caregiver Services, Child Development Associate, Paraprofessional Educator – Early Childhood, Paraprofessional Educator – K-12, Paraprofessional Educator)

The programs in this area are either online or on-campus. At this point, none require dedicated lab or classroom space. On-campus facility requirements are essentially access to IVN classrooms or other general purpose classrooms.

Natural Resources (Environmental Technology – Laboratory & Field Technician, Environmental Technology – Natural Resources Management, Land Management, Recreation Management)

The programs in this area are either online or on-campus. At this point, none require dedicated lab or classroom space. On-campus facility requirements are essentially access to IVN classrooms or other general purpose classrooms or labs.

New Programming Approved or to be Explored

The college has received approval to offer a new Human Resources Management program, with an anticipated start date in the fall of 2019. This program is expected to utilize existing classrooms and labs.

Other new programs that the college is exploring are:

- Additional programs/options in Allied Health
 - Depending on the program, existing IVN classrooms and other campus classrooms and labs should accommodate any facility needs.
 - However, any new programs requiring the availability of the college's nursing classrooms and labs would depend on the nursing facilities being expanded and renovated.
- Additional programs/options in Information Technology
 - An expansion in IT programming may require one or more computer labs, either on the DCB campus or in Minot.
- Agriculture Production, Agribusiness Management, Golf Course Management, Turf Production
 - It is anticipated that additional dedicated lab space will be needed for a number of the courses required in these programs.

Student Services

In order to better serve students, Dakota College at Bottineau plans to consolidate its Student and Business Services into a “one-stop” location. This would involve either finding a location, or renovating a location, in which the following student services would be available to students in one general area of campus:

- Admissions
- Financial Aid
- Registrar
- Housing
- Student Conduct/Judicial Services
- General Student Affairs Office Services
- Fee Payment
- General Business Office Services

DCB currently provides these services in Thatcher Hall, which was built in 1949. The student services offices and business office are generally in the same locations they were when the building was constructed and the building layout influences how services are provided, rather than service needs driving the facility arrangements. For example, there is a very limited waiting area for students needing student affairs services and no waiting area for students needing business office services. This lack of privacy creates a real concern that must be addressed, especially when students are requested to provide personal identification or financial information. Staff offices have limited space and staff often cannot comfortably accommodate confidential meeting sessions with students and their parents. There are no conference rooms for staff to meet with small groups or to collaborate on office projects.

The one-stop model has become a common practice in many colleges and universities across the country. Given DCB’s focus on providing excellent student support, it simply makes sense that the college also move in this direction.

To provide better academic support services, the college must expand its Student Success Center. The current space, while only ten years old, is simply too small. It lacks spaces for student conferencing, small group studying, private tutoring and private testing areas for multiple numbers of students. With the addition of the TRiO student support program in 2015, the problem has only become worse. In addition to more space, the Success Center also needs private office space for staff. There are two small office areas for six staff members. The need for more space will become even more acute if the college adopts an advising center model in which the staff in the Student Success Center also assume the lead in academic advising. This will create even more student traffic in an area which is already much too small.

Athletics

Many full-time students at Dakota College are also student-athletes. The college has a long tradition of athletics and currently offers the following intercollegiate sports:

Women's Basketball
Volleyball
Softball
Baseball
Men's Hockey
Football
Men's Basketball

The college currently utilizes the Bottineau Public Schools football field for its football program. It also uses Bottineau Parks and Recreation facilities for softball and hockey. The college intends to continue these arrangements, although there are concerns with the adequacy of the football field and the hockey arena. The college plans to work with these community groups to support efforts for the improvement of these venues.

The college has on-campus facilities for men's and women's basketball, volleyball, and baseball. However, the college's main athletic facility is the gymnasium which was constructed in Thatcher Hall in 1949. The playing court and spectator seating have not changed appreciably since constructed. Because there is only one gym to accommodate all the college's sports, the facility is used very heavily and it is sometimes difficult for teams to find time for practices. Baseball and softball also use the gym for practice due to the lateness of being able to use their fields in the spring. While the Thatcher Hall gym has been well-maintained over the years, it has become inadequate and out-of-date in many areas, and especially in spectator seating.

Handicapped accessibility to spectator seating is a major concern. Also, the seating is poured concrete and is very uncomfortable after a short period of time. Access to the seating requires walking narrow stairways which makes accessibility difficult for spectators with mobility issues.

The cardio and weight rooms, which are heavily used by student-athletes are small and in less than desirable locations. The weight room is in the basement of Thatcher Hall and has ventilation and access issues. The cardio room is currently located in the back of the stage area and also has ventilation and access issues.

There are only three offices for the seven head coaches, so offices are either shared or located in other areas on campus. None of the coach's offices are handicapped accessible and one is available only by going through a locker room. Additionally, the offices are very small and all have ventilation issues.

Over the course of the next 5-10 years, the college needs to develop a long-term plan for updating or renovating the athletic facilities in Thatcher Hall.