STEP UP TO THE FUTURE
CCC Mission:
Central Community College maximizes student and community success.

Vision
The Best Choice:
for students to achieve their educational goals
- quality education
- personal service and individualized attention
- exceptional and passionate faculty and staff
- extraordinary value

for developing a skilled workforce
- employability and/or successful credit transfers
- graduates who advocate for CCC
- business and industry partnerships
- state-of-the-art facilities and technologies

for advancing communities
- educational partnerships
- strong alumni support
- foster economic development
- sustainability leaders

Values
Students:
CCC believes in...
- student success and individual attention
- access to quality instruction
- preparation

Community:
CCC believes in...
- partnerships
- diversity
- sustainability

Innovation:
CCC believes in...
- continuous quality improvement
- creativity
- leadership
The demand for employees with high quality health education and scientific reasoning, critical thinking and problem solving skills are heard regularly in my visits with community leaders, hospital administrators and state leaders throughout our 25 counties and at the state Capitol in Lincoln. Competition is increasing for qualified candidates as both traditional, and non-traditional, students are being recruited away from rural, central Nebraska to more metropolitan and larger communities. In order to continue to build upon the solid foundation and successes of Central Community College graduates and alumni, our board has prioritized the completion of a $13.1 million renovation and addition to the Columbus Campus. An additional goal of at least $500,000 is targeted for creation of an endowed fund for scholarships and future equipment/technology upgrades.

We expect to do this with no long term debt. With an eye to the future, additional space will be dedicated to a virtual innovation lab to embrace current and futuristic methodologies of teaching in all areas of a postsecondary curriculum, youth programming and life-long learning for area and statewide groups. Community partners and advisory committee members, in addition to the Nebraska Coordinating Commission for Postsecondary Education have reviewed plans, provided questions and their ultimate approval for our board to move forward with this public/private campaign.

I am asking for your assistance today in seeing how you can help make the future dreams of central Nebraska youth and adults a priority while helping them become educated to provide high quality health, professional and technical service to our area. Thank you for those who have helped CCC in the past and who will help us into the future as we seek to live by our mission of *maximizing student and community success*.

Sincerely,

Dr. Matt Gotschall
Central Community College President
Since the 1969 establishment of the Central Community College (CCC) Columbus Campus, the nursing and science programs have been a key element to the career education and academic transfer programs. CCC is planning an expansion and remodel project that will directly impact health and science programs on the Columbus Campus. The project will strengthen these areas by providing the educational facilities required to meet workforce development and educational needs into the future.

The proposed project is the number one priority for CCC. It offers cutting-edge science and nursing labs and interactive learning spaces featuring new technology to expand collaboration between faculty and students. At an estimated 33,500 square feet, this project will be over twice as large as the existing space and will include state-of-the-art instructional equipment, technology to inform student learning outcomes and industry demands. The project includes visionary spaces to allow for growth, interdisciplinary learning and increased outreach opportunities; enhancing hands-on experiential learning and collaborative opportunities for students, faculty and the community.

Two initiatives will drive this project:
• Major gift campaign to raise $3 Million for the project
• $500,000 in additional endowment funding to support student scholarships and future technological upgrades into perpetuity
Central Community College’s presence in Columbus has contributed to the growth and development of the region’s education system. The study found a significant majority of participants agree that the Center for Science and Technology project is a priority and will contribute to the growth of the region, allowing CCC-Columbus to remain competitive in the science and technology areas.

- 93% of respondents are very familiar or familiar with CCC.
- 89% of respondents are favorable toward the CCC Board of Governors.
- 79% of respondents are favorable toward the CCC Foundation Board of Directors.
- 84% of respondents are favorable toward the administration, staff and faculty at CCC-Columbus.
- 94% of respondents are favorable toward the proposed major gifts campaign.
- 97% of respondents are favorable toward establishing a $500,000 endowment for student scholarship support and future technology upgrades.
- 90% of respondents were favorable toward conducting a capital campaign.
- 77% believe the college will reach or exceed the $3.5M campaign goal.
- 85% believe the proposed campaign schedule is well-advised.
- 95% of respondents indicated they or their company would be willing to make a financial contribution to the campaign.

“New, updated lab spaces will draw high achieving students from area high schools. Enhanced laboratory spaces will also allow us to re-organize, sort out obsolete equipment, and make updated equipment purchases.”

Dr. Lauren Gillespie, Biological Sciences Instructor
As the future of science and technology evolves in the Columbus area, the Columbus Campus must be ready to serve the education and training needs of its communities. Current space for classrooms and laboratories are undersized and technology is outdated. These deficiencies severely impede CCC’s ability to offer a broad scope of educational opportunities in an effective learning environment. This project will be adaptable to the changing needs of technology. Our capacity to strengthen technological capabilities must continue to expand, reflecting industry and academic standards while seeking to provide modern resources for our students and communities. It is time to step up to innovation and the future.

The Virtual Innovation lab will house technological resources that will not only mirror, but also be on the cutting-edge of industry needs, providing students the best tools to learn and prepare for the workforce. This space will feature Augmented Reality/Virtual Reality (AR/VR) technology to enhance learning and accelerate a student’s educational experience. This technology can be used for both education and training, as a cost effective, highly interactive simulation tool that allows students to learn in an experiential hands-on, controlled environment.

CCC is committed to the future workforce through the continuous support of technology. A component of this campaign is a $500,000 endowment to support scholarships and technology. It is imperative that CCC has available resources to ensure students have up-to-date and advanced resources reflecting knowledge for future careers.

"We are now at a critical point in time when CCC can contribute significantly to the preparation of this community’s STEM-related workforce. The construction of the Center for Science and Technology will bolster the already-strong STEM programs in local schools and strengthen partnerships between the college and local industry.”

Steve Heinisch
Biological Sciences Instructor
Current Columbus nursing enrollments of approximately 20 per year are expected to grow to 30 per year. The class of 2020-21 will be the first class to study under a recently approved curriculum. The concepts-based program will smooth the transition from practical nurse to associate degree nurse. The proposed project enhances the development of a skilled workforce as CCC creates business and industry partnerships and the ability for students to transfer credit or gain employment through education and instruction utilizing state-of-the-art facilities and technology.

Students today have grown up with technology as an integral part of their learning. As a result, teaching needs to evolve to include technology and hands-on experiential training. An Anatomage table, a 3-D virtual dissection table that allows students to visualize the human anatomy, will be a valuable resource for Anatomy and Physiology students. The 3-D accuracy of this virtual technological resource allows students to explore the human body and its systems in great detail, enhancing their knowledge and familiarity as they enter the workforce.

“The nursing department has built strong connections with the healthcare industry in Columbus and the surrounding communities. Our advisory board includes staff members from many of these agencies.”

Wendy Ramaekers, Nursing Instructor

**Employment Trends**

CCC strives to provide education that will advance employment opportunities for both traditional and non-traditional students.

- Upon graduation, over 93% of CCC graduates were employed within CCC’s 25-county service area
- 100% of students who were employed full-time stayed within the State of Nebraska in 2017
- 93% of CCC nursing graduates are working as a nurse in a full-time capacity
- Evidence demonstrates that 93-96% of CCC nursing graduates will continue to pursue a higher educational degree level (CCC Institutional Research, 2016-2017 graduates)
Center for Science and Technology

Anatomy & Physiology Lab
- Improved ventilation and quality prep spaces
- Increased technology including an Anamotage table

Chemistry and Organic Chemistry Labs
- Updated equipment
- Modernized lab space to enhance learning opportunities

Chemistry and Organic Chemistry Prep rooms
- Adjacent prep areas create an efficient learning environment

Life Sciences Lab
- Flexible space
- Equipped for both Life Science and Microbiology labs

Nurse Assistant/ Med Aid Lab
- Relocated next to Nursing Lab
- Proximity to nursing encourages continued education

General Biology Lab
- State-of-the-art technology in science
- Fosters collaboration and critical thinking

Nursing Lab
- Simulation manikins and equipment prepares future workforce

Improved ventilation and quality prep spaces
Proximity to nursing encourages continued education
Increased technology including an Anamotage table
Modernized lab space to enhance learning opportunities
Adjacent prep areas create an efficient learning environment
Flexible space
State-of-the-art technology in science
Fosters collaboration and critical thinking
Simulation manikins and equipment prepares future workforce

Flexible space
Equipped for both Life Science and Microbiology labs
Relocated next to Nursing Lab
Proximity to nursing encourages continued education
State-of-the-art technology in science
Fosters collaboration and critical thinking
Simulation manikins and equipment prepares future workforce

Flexible space
Equipped for both Life Science and Microbiology labs
Relocated next to Nursing Lab
Proximity to nursing encourages continued education
State-of-the-art technology in science
Fosters collaboration and critical thinking
Simulation manikins and equipment prepares future workforce
Science and Nursing Faculty Suite

Physics/Collaboration Learn Lab
- Flexible learning space for multiple learning techniques including hands-on, lecture and small group learning

Virtual Innovation Lab
- Utilizes virtual and augmented reality
- Encourages innovation across the curriculum

*Schematic layout may be subject to change.
Central Community College’s Columbus Campus has been serving students since 1969, and we are proud to report 93% of our students remain in our 25-county service area, either by joining the workforce or transferring to four-year institutions to continue their education. Yet, now is the time to step up to our future.

Over the past 50 years, the East Education wing of our campus has housed science and nursing programs. While technology and learning spaces have been updated in the past, our current facility does not reflect the working environment students will experience in their careers. The Center for Science and Technology will modernize an already successful learning environment that educates, trains and prepares community members for tomorrow’s challenges and jobs.

The Center for Science and Technology will offer the latest technology, simulations, mentoring and innovative instructional approaches. This environment will expose students to exciting careers, life-long learning and experience with STEM areas. Most importantly, the facility will strengthen an established pipeline for nurses, health professionals, engineers and technicians in local industry and agriculture, while substantially impacting the economy of the area.

It’s time to take the next step toward innovation. Step forward with us.

Dr. Kathy J. Fuchser
Columbus Campus President
Frequently Asked Questions

What partnerships will emerge because of this project?

The impact this renovation and expansion will bring to the Columbus community is significant. CCC values the expertise of community leadership and enlists their help on program advisory boards. The Center for Science and Technology will engage learners from across the community. Through our continuing education classes and youth camps, community members of all ages will be able to access the center’s advanced technology, while enhancing collaboration to work across curriculum.

What is the anticipated community impact for this project?

We anticipate attracting students to CCC’s science and nursing programs by providing updated facilities and expanded scholarship opportunities in these critical areas of study. When students study in Columbus, the likelihood of them becoming permanent residents in our area increases. CCC will continue to connect local businesses and talented students in order to leverage this investment into more young people taking jobs, buying homes, and establishing roots in the Columbus region, ultimately growing Columbus and the surrounding area.

“There is a great deal of forward momentum in Columbus and surrounding communities. The successful completion of this project will carry that momentum further. Simply put, Columbus residents want to be home to a great college and this is more progress in that direction.”

KC Belitz, Chief Operating Officer Nebraska Community Foundation

“"The renovation and expansion of the nursing and science facilities will impact CCH by raising the overall quality of the educational program and experience for students, ensuring a steady flow of highly qualified professionals for our hospital for many years to come.”

Michael Hansen, President/CEO Columbus Community Hospital

“What partnerships will emerge because of this project?”

The impact this renovation and expansion will bring to the Columbus community is significant. CCC values the expertise of community leadership and enlists their help on program advisory boards. The Center for Science and Technology will engage learners from across the community. Through our continuing education classes and youth camps, community members of all ages will be able to access the center’s advanced technology, while enhancing collaboration to work across curriculum.
How does the project integrate STEM (Science, Technology, Engineering & Math)?

STEM is the foundation of this project, merging the Science disciplines (Physics, Biology, Chemistry, Anatomy & Physiology, Nursing), Technology (Mechatronics, Advanced Manufacturing), Engineering, and Mathematics. The inclusion of STEM disciplines in this project will create a modernized learning environment necessary for preparing students for 21st century challenges. Spaces will enable innovative teaching practices that combine hands-on training and curriculum, encourage interdisciplinary studies that span across the sciences, technology, healthcare, manufacturing/mechatronics and agriculture, and simulate real world job scenarios and practices.

This project also merges entrepreneurship with STEM to more closely fit the needs of the community. The inclusion of entrepreneurship encourages the birth of new, innovative approaches to the applications of Science, Technology, Engineering, and Mathematics and nurtures the need of the Columbus community to continue growing an innovative and futuristic workforce. STEM initiatives at CCC will utilize the modernized learning environment to educate, train and prepare community members for challenges and jobs of the future.

How will the Virtual Innovation Lab enhance learning?

In the Virtual Innovation Lab, curriculum can be expanded past a two-dimensional realm allowing students to immerse themselves into educational concepts - standing in the middle of a strand of DNA, dissecting an atom, deconstructing a machine, or even practicing a speech in front of a simulated audience.

While virtual reality places a student into a three-dimensional world, augmented reality places the three-dimensional environment into a student’s world. Augmented reality technology is widely used in smart phones, wireless devices and medical science and will be further explored for implementation in this space. Our Virtual Innovation Lab is the next evolution in curricular training and safe hands-on experiences.
**Frequently Asked Questions**

**What is the current tuition rate for the programs involved in the project? Are there other costs and fees associated with these programs?**

This project will not increase student costs. Science courses and labs are priced at the standard college tuition of $105/credit. In addition to paying the standard rate for tuition, nursing students will assume additional fees of approximately $4,200 for books and materials, uniforms, preparation for the licensure exam and a computer. While financial aid helps to cover some costs, each student pays for both the state licensure exam and license totaling around $375. All students will incur costs for housing, meals or transportation based on individual circumstances.

**Why is there a need for this project?**

CCC reached out to over 80 constituents from Columbus and the surrounding communities about this project. Overwhelmingly, they identified the significant workforce shortage as an economic and workforce challenge. The Center for Science and Technology will address this need by updating the 1969 science and nursing facilities with modernized equipment, collaborative learning spaces and opportunities to use cutting-edge technology to enhance classroom experiences and workforce training.

**What structural deficiencies will be resolved in order to enhance programs and enrollments?**

Over the years, wall and floor integrity have been stressed due to soil settlement. Electrical, gas, water and lab stations remain near original state. Storage of hazardous materials is limited, labs are not fully ADA compliant and nursing offices lack private advising and collaborative space. Heating and air-conditioning and ventilation systems need updating for energy efficiency. Programmatically, science and nursing programs/enrollments remain strong with opportunity for expansion due to STEM grants and youth programming designed to introduce a variety of careers to middle school students.

**How will this facility be funded?**

The approximate cost of the Center of Science and Technology will be $13.1 million. This project is the number one college wide initiative with committed reserves being set aside to fund $10.1 million of the cost. The remaining $3 million will be funded through a Major Gifts Campaign managed by the CCC Foundation. In addition, there will be a $500,000 endowed fund for scholarships and sustainable program support for the Virtual Innovation Lab. No long term debt will be associated with this project.

**How does the local tax levy support CCC and this project?**

Property tax breakdown (on every $100 of valuation):
- Capital improvement - $.02
- American Disability Act (ADA) - $.0075
- Operational - $.0697
- Total property tax valuation to CCC - $.0954

Because only $.02 cents (per $100 valuation) can be used for capital improvement projects per year, it would take CCC several years to complete this project without a Major Gifts Campaign. For every $1 of public money invested in CCC, taxpayers receive a cumulative value of $2.40 over the course of the students’ working lives.
Frequently Asked Questions

What is the timeline for the project?

The Major Gifts Campaign is expected to last up to 18 months with completion by late fall of 2020. Construction will coincide with completion of the Major Gifts Campaign and will be done in two phases: the new addition will be completed first with the remodeling of existing space to follow. The target for completion of the Center for Science and Technology is spring 2023.

What programs and equipment will be in the new facility?

The new facility will allow the existing nurse assistant and medication aide classroom to be relocated next to nursing classrooms and labs in order to better coordinate resources and establish a clear pathway from entry level nurse assistant classes to the registered nursing program. Updated science labs will be available for mixed use life sciences/microbiology, chemistry, organic chemistry, physics and anatomy & physiology. Student "teaming" rooms for small group collaboration, study and instructor post conferences will be available in addition to an interactive IP lab for nursing to share nursing instruction among Columbus, Kearney and Grand Island campuses.

Instructor offices and conference room, 60-person lecture hall with flexible table/chair arrangements and a virtual innovation lab will complement existing programming. Secure storage space, updated science equipment, manikins and glassware, microscopes, ventilation hoods, fire suppression and wash safety systems will be incorporated. Automated anatomical equipment and software will be utilized for the anatomy & physiology classes to align with university requirements. zSpace and Anatomage, leading competitors of such equipment and software, will be reviewed for use in the new space.

What are the projected outcomes for this project?

- Modern and efficient building spaces for science and nursing.
- Enhanced learning experiences for all students and faculty teaching in science transfer, applied sciences, nurse assisting, medication aide, practical and registered nursing classes.
- Full capacity of nursing graduates prepared for practical and registered nursing exams, workforce and transfer into Bachelor of Science in nursing programs.
- Increased student awareness and interest in transfer for pre-professional programs including areas such as dietetics, radiology, pharmacy, dentistry, occupational therapy, physical therapy and physician assistant, engineering and mortuary science.
- Continued development and delivery of courses required by transfer programs to ensure student readiness upon transfer.
- Latest technology, simulations, mentoring and instructional approaches to learning and student engagement for all students enrolled in science and nursing courses.
- Increased programming for students – ranging from elementary and middle school to community members post-retirement – to seek exposure to careers, lifelong learning and experience with STEM areas.
The decision to make a charitable gift to a Major Gifts Campaign is an important and deeply personal one. You are investing in the future of the individuals, businesses and organizations that benefit from the excellent education, training and services that Central Community College provides to the area. This decision is one that only you can make, and only you can decide when and how to contribute to the campaign.

**Gifts to Give Today**

**Gift pledge:** You can maximize the impact of your gift by pledging a gift amount to be paid over a five-year period.

**Cash gifts:** The advantage of this method is that your actual out-of-pocket expense is less than the dollar amount of the gift because of the allowable income tax deduction.

**Gifts of property:** This method of giving includes gifts of non-cash property such as securities or real estate. Gifts of this type may be more advantageous than cash gifts because you can make a larger gift at less cost because of tax implications and advantages.

**Gifts to Give in the Future**

**Planned giving:** One way to make a deferred gift is to name the Central Community College Foundation as a recipient of a planned gift in your will. This can be in the form of:
- Cash, securities and personal property,
- A percentage of your estate and/or,
- The residue of your estate-property remaining after other bequests have been fulfilled.

Work closely with your attorney if you want the CCC Foundation to be the recipient of a future gift.

**Gifts of life insurance:** Do you have life insurance policies that are no longer needed? Consider donating the policies to us or simply naming us as the beneficiary.

**Retirement savings:** You can name the Central Community College Foundation as a beneficiary of a portion of your retirement funds. If you wish to make this type of gift, please contact the administrator of your IRA, profit-sharing account or other retirement plan.

**Deferred gifts:** In some instances, you can designate a specified amount of money in a qualifying trust, which will provide income to you (and your spouse) for life; thereafter the principal will be paid to the CCC Foundation following your death or upon a specified date. For additional information concerning such a trust, contact your attorney, CPA or financial adviser about a charitable remainder trust.
Naming Opportunities

Note: All Naming Opportunities are subject to approval from the Central Community College Board of Governors.

Nursing and Health Science Wing  $1M to $1.5M
(Signage on outside building and internally on wing.)
- Nurse Assistant/Med Aid Classroom/Lab $50,000
- Nursing Lab $50,000
- Nursing Collaborative Learning Lab $50,000

Science Wing  $500,000
(Internal signage on wing.)
- General Biology Lab $50,000
- Life Science/Microbiology Lab $50,000
- Anatomy and Physiology $50,000
- Chemistry and Organic Chemistry Lab $50,000
- Physics Lab/General Collaboration Learn Lab $50,000

Lecture Hall  $250,000
Virtual Innovation Lab  $100,000
Faculty Suites - (Nursing and Science) $25,000 each
Seminar room/Teaming rooms  $10,000 each
Testimonials

“The renovation will enhance student learning tremendously. It will provide the space to see demonstrations better and modern equipment will help to visualize complex models such as human DNA and metabolic processes. Hands-on experiments and improved visualizations will generate discussion and learning.”

Dr. Nicholas Whitney, Biological Science Instructor

“This project will help recruit and retain exceptional students to stay in or return to our community.”

Chelsea White
ADN Nursing Student

“The additional space provided by this project will alleviate hallway distractions and cramped learning spaces. Small group activities enhance understanding and this improved space will help nurses prepare for real-world nursing situations.”

Grace Odbert
Pre-Professional Student
Dean Moors
CCC Foundation
Executive Director
Campaign Manager
(402) 460-2153
dmoors@cccneb.edu

Dr. Kathy J. Fuchser
Columbus Campus
President
(402) 562-1211
kathyfuchser@cccneb.edu