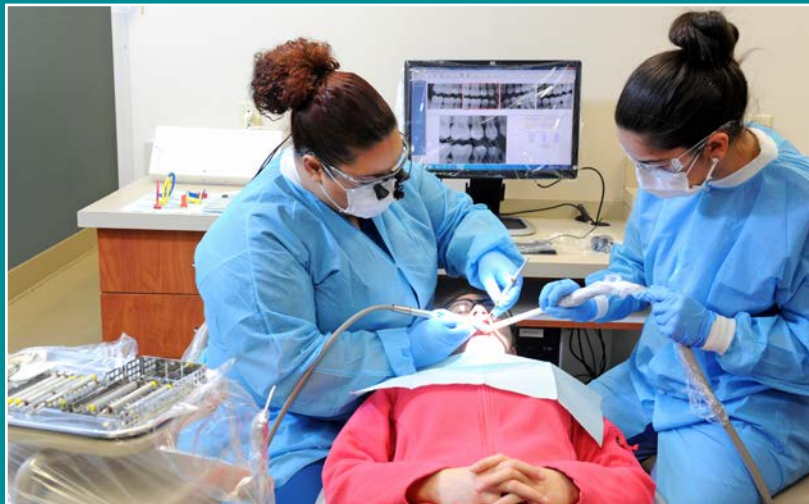




Cuyahoga Community College Phase II Facilities Master Plan



Cuyahoga Community College: Capital Plan Summary

While the College continues to focus its academic program offerings to meet the demands of the communities we serve and in support of its mission to provide high quality, accessible and affordable education opportunities, the College must also ensure that its facilities and equipment are not only updated, but are providing a safe, comfortable and modern environment in which students can learn, be engaged and achieve success.

For the first time since the College was established 53 years ago, the College is proposing a November 2017 capital bond ballot issue to fund high-priority, College-wide capital projects. The capital bond is currently estimated at 0.5 mills and the ballot issue would coincide with a bond issuance of \$227,500,000. This levy would cost the owner of a \$100,000 home less than \$1.50 per month.

The capital bond levy will be used to fund priority projects that align with the College's mission, strategic plan, vision and values while providing the College with necessary resources to effectively maintain its 3.2 million square feet of educational facilities with an average age of almost 40 years old.

Approximately 60% of the bond proceeds will be used to maintain and improve existing College facilities through renovations, equipment and technology upgrades and the completion of infrastructure maintenance projects, while the remaining funds will be allocated to the construction and development of new facilities that provide our students with the educational and training opportunities they need to succeed during their time at Tri-C and beyond. Projects include:

- Westshore Phase II Building
- Western Campus STEM/IT Addition & Student Learning Space
- Manufacturing & Engineering Expansion
- Public Safety Training Center Phase II: Tactical Village
- Infrastructure Maintenance
- Eastern Campus Education & Humanities Centers Classroom Renovations
- Automotive Technology Program Expansion
- College-wide Laboratory Renovation
- Transportation, Distribution & Logistics Academy
- Corporate College East Master Kitchen Lab
- Academic, Media & Technology Equipment Upgrades

Westshore Phase II Building

The 85,000 square foot Westshore Phase II Building will provide a space on the Westshore Campus to conduct the classes currently held at Corporate College West. This building will include offices, student spaces, facilities operations and classrooms.

In addition to giving all Westshore students and faculty the opportunity to more collaboratively learn and work on one campus, the project also helps to fulfill the vision and next phase of the College's Master Plan by expanding the Westshore Campus and allowing it to function as a fully independent learning environment.



Western Campus STEM/IT Addition & Student Learning Space

The Western Campus has consistently had one of the largest student and community populations engaged at Tri-C and has become a first choice institution for high school students in centrally located Parma and the surrounding central suburbs.

Over the last several years, Tri-C has observed the growing trend and focus on the increasing need for science, technology, engineering and mathematics ("STEM") curriculum for high school and college students. The STEM and IT addition at the Western Campus will consist of approximately 60,000 square feet of science and IT labs, allowing Tri-C to grow to new levels of expertise in its STEM and IT based program offerings. The addition and associated renovations will also consist of new, collaborative and quiet student study space that will foster both innovative and collaborative learning opportunities.

Manufacturing & Engineering Expansion

The expansion of the College's manufacturing and engineering programs will build upon the long history and strength of manufacturing in Northeast Ohio, ensuring the continued growth of the region's traditional manufacturing operations and supporting emerging technology within the industry. Tri-C's goal is to not simply provide training, but to serve as the catalyst for connective solutions between industry, our College, and the community.



A 15,000 square foot addition to the ATTC building to house manufacturing and engineering labs will serve as the nucleus for Tri-C's approach to technical innovation. The addition will expand upon the development of the recently launched 3D/Additive Manufacturing program and will include flexible lab space for both manufacturing and engineering programs, customized mobile training units, and equipment expansion options for both educational and contract training opportunities.



Public Safety Training Center Phase II: Tactical Village

Phase II of the College's Public Safety Training Center will create a full Tactical Village for additional training for local police, fire and emergency responders. The addition of Phase II will focus on "scenario-based training" and will include mock buildings such as residential and retail units as well as prop training areas for HAZMAT, vehicle and rubble extraction

trainings.

The Phase II Tactical Village expansion will strengthen the preparedness of the police, firefighters, and emergency responders in our four-county area, will help to grow Tri-C's programs in Northeast Ohio, and will continue to strengthen and open doors for expanded relationships with federal agencies.



Infrastructure Maintenance

College-wide infrastructure maintenance projects are those which allow the College to care for and maintain its current facilities, ensuring students, faculty and staff have a safe, clean and comfortable environment in which to learn, work and succeed. Examples of infrastructure maintenance projects include parking and roadway repairs; window replacements; grounds maintenance; concrete

replacements; safety, security and fire system replacements and upgrades; Americans with Disabilities Act (ADA) compliance projects; and mechanical, electrical and plumbing projects.

Eastern Campus Education & Humanities Centers Classroom Renovations

Tri-C's Eastern Campus has become a first choice institution for many Northeast Ohio high school students and provides strong articulation options to local four-year liberal arts-oriented institutions. The College's vision is to build upon this foundation, transforming the Campus into an educational and cultural nucleus by creating a traditional campus quad to serve as a 'town center' for broad student and community engagement, activities and programs.



Programming includes additional renovations within the Jack, Joseph and Morton Mandel Humanities Center and Scholars Academy by refreshing five common-purpose classrooms. This phase also includes renovation of existing classrooms and common space in the East Education Center to create learning spaces that align with the College's commitment to fostering innovation, enhancing the student experience, and promoting student success.

Automotive Technology Program Expansion

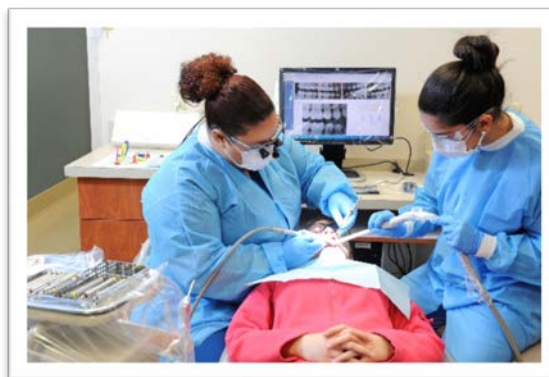


Cuyahoga Community College's Automotive Technology program has experienced growth in enrollment, graduation, and job placement over the past several years. Most notably, this program enjoys a 100% job placement rate with average sustaining wages starting at \$37,000 annually.

As current capacity restraints prohibit future growth, the expansion plan for the Automotive Technology Program at the Western Campus includes a 15,000 square foot addition to add a manufacturer sponsored classroom with six lifts and storage, additional classrooms, a secured storage area, a conference room and a student lounge. The additional space will also allow for the addition of a Ford ASSET program, a potential GM satellite office, and additional certificate and non-credit course opportunities.

College-wide Laboratory Renovations

Of the College's 255 labs, 106 were built between 1966 and 1976. Since the time these labs were built, changes to the availability of and access to technology have been substantial. Teaching methodologies and the delivery of course material has also advanced, resulting in new and innovative developments in classroom configuration, lab settings, equipment and equipment interface applications.



The College is recommending the renovation of approximately 45 labs over the next several years. Many of these labs represent those that are intended for use in programs that provide credentials and training for some of the regions fastest growing industries: Engineering, Medical Technology, Nursing, Pharmacy, Radiology, and Respiratory Therapy.



Academic, Media & Technology Equipment

One of the most important ways by which Cuyahoga Community College can support its students' success in education and training is by providing students and faculty with the latest state-of-the-art technology and equipment. Teaching and learning spaces will be updated to reflect the highest level of academic teaching

tools and student-centered technologies, including new and upgraded classroom technologies, advanced audio/visual equipment and innovative media and information technology equipment.



Transportation, Distribution & Logistics Academy

Ohio is one of the top ten warehouse distribution centers in the nation, yet at this time there is not a regionally recognized training provider that offers logistics, supply chain and warehousing training. The Transportation, Distribution & Logistics Academy expansion will make for a viable resource aimed at training additional

employees to work within the developing Cleveland Port Authority area, and the addition of program offerings will assist in developing a full range of programs inclusive of entry level training that can be designed within a progressive, stackable certificate.

The Academy expansion will include the purchase of 13-16 acres of land, development of 20,000 square feet of classroom and warehouse training space with hands-on training labs, and an exterior reinforced concrete truck pad for commercial driving training.

Corporate College East Master Kitchen Lab

Tri-C's Community Education Culinary program offers courses for all types of chefs, from beginners learning basic skills to pros learning new techniques. The Corporate Culinary Team Building programs are a highly effective business tool, delivered at the Corporate College East location and the Downtown Hospitality Management Center.



The Corporate College East team continues to receive inquiries and requests to provide more of these types of classes and team building programs. This Master Kitchen Lab project identifies existing classroom space at Corporate College East and renovates the space completely, consisting of demolition to the old space, building the new kitchen prep space and stations, and installing the appropriate venting, piping and kitchen laboratory equipment that will allow the College to meet the growing need for its corporate team building and community culinary course offerings.