

Eastern Campus 2014 Facility Master Plan Update

December 2014



Prepared by URS

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Introduction 01

The purpose of the Eastern Campus 2014 Facility Master Plan Update is to articulate a vision that directs the evolution and growth of the Cuyahoga Community College (Tri-C) East Campus. The vision focuses on establishing a framework that allows the physical campus to serve as a tool that supports student success and community collaboration. The 2014 Master Plan Update is organized into the following sections:

- 01 Introduction
- 02 Plan Drivers
- 03 Process
- 04 Master Plan Update
- 05 Phasing

Appendix including planning studies and other background material

The Eastern Campus 2014 Facility Master Plan Update effort extends the careful planning that began in the 2008 Cuyahoga Community College Ten-Year College-Wide Academic and Facilities Master Plan, a 2010 Master Plan Update for the East Campus and the 2010 Tri-C Sustainability Plan. The following pages include the previous master plans and their key recommendations.

The 2008 Cuyahoga Community College Ten-Year College-Wide Academic and Facilities Master Plan was prepared by Urban Strategies and addressed all of the campuses of the Tri-C system. It included detailed facilities plans as well as campus planning. The following East Campus recommendations have been implemented:

- · Construction of the Natatorium/Wellness Center addition to East Student Services (ESS)
- Construction of one New Academic Building, the recommended Bioscience and Health Technologies Building, which is now known as Health Careers and Technology (HCT)
- Construction of the Student Engagement Area in East Liberal Arts (ELA)
- Preliminary design has been completed for the relocation of the Library/ The Learning Center (TLC)
- Creation of the Student Success Corridor in ESS

In 2010 an update was prepared concurrent with the acquisition of the 106-acre property to the south that was the former site of MetroHealth's Hospital and Skilled Nursing Facility. This master plan update was prepared to illustrate how the campus would expand to fill the north-south ridge and how to connect the new property with a pedestrian and vehicular system. Additionally, the plan sited the HCT Building and future buildings reflecting the preferred east-west building orientation (as recommended in the 2010 Tri-C Sustainability Plan). HCT was built as sited in the plan.

The *Cuyahoga Community College Sustainability Plan 2010* established additional planning principles and strategies for all of the Tri-C campuses. The Eastern Campus 2014 Facility Master Plan Update also adopts the principles of the 2010 Master Plan Update and the Sustainability Plan.

1



2008 Cuyahoga Community College Ten-Year College-Wide Academic and Facilities Master Plan



2008 Cuyahoga Community College Ten-Year College-Wide Academic and Facilities Master Plan Recommendations

- 1. Demolish East Education Center and Annex (EEC)
 - Replace with additional parking, landscaped courtyard and an addition to house Arts and Music programs
 - Improve façade of East Liberal Arts (ELA) and new north entrance to ELA

2. Build Arts and Music Addition to ELA

• Create welcoming new lobby and entrance to Theater adjacent to parking lots

3. Create Student Engagement Area in ELA

- Enclose south terrace and interior secondary entrance lobby as an expanded area for student social life
- 4. Improve North Entrance to East Student Services (ESS)
 - Create proper entrance way for the high traffic corridor leading to ELA and the new Student Engagement Area

5. Relocate Library/The Learning Center (TLC)

- Relocate Library and TLC to 2200 and 1200 suite of classrooms
- Re-purpose existing Library/TLC space for replacement classrooms, labs and/or offices

6. Create Student Success Corridor in ESS

 Establish One Stop for Student Services and relocate other key student services and support functions (Book Center, cafeteria seating, Public Safety Office) to create comprehensive Student Success Corridor

7. Improve South Entrance to ESS

 Create a larger and more welcoming main entrance to the Student Success Corridor & One Stop for Student Services, by enclosing area defined by "wing"

- 8. Build Natatorium/Wellness Center addition to ESS
- 9. Build New Academic Buildings (two on MetroHealth property)
 - New Bioscience and Health Technologies Building
 - New Career Center Building
 - New Hospitality and Community Learning Building

10. Build Outdoor Amphitheater

• Create outdoor performance and gathering space for local and campus community

11. Revise Road and Parking Lot Layout

- Connect missing links in circulation system
- Create an organizing framework for a pedestrian priority zone and future development area

12. Naturalize Landscape and Create Learning Gardens and Trails

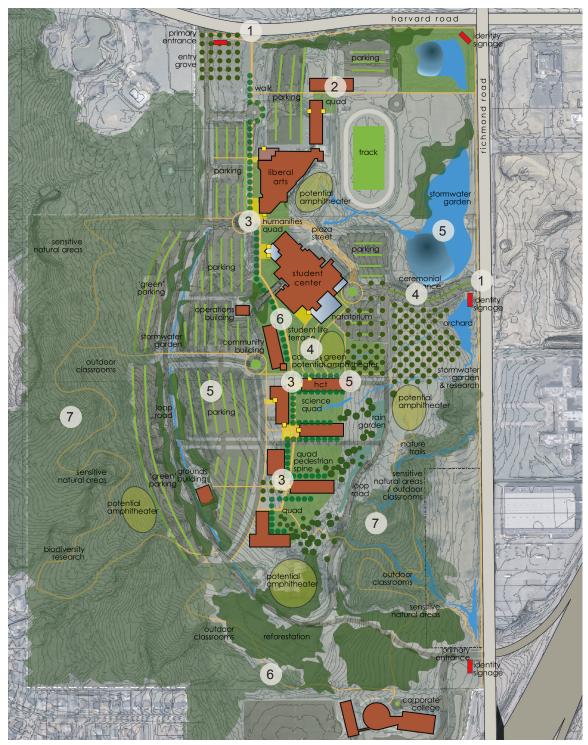
Design and use significant landscape
 resource as a teaching tool and community
 recreation open space

13. Create Landscaped Plazas and Courtyards

- Create formal landscaped areas surrounding and between main buildings to highlight entrances and gathering spaces
- Create a landscaped buffer between vehicular and pedestrian areas

14. Initiate Green and Sustainable Campus Demonstration Projects

 Design and use significant landscape resource as teaching tool and community recreation open space



2010 Cuyahoga Community College, Eastern Campus Master Plan



2010 Cuyahoga Community College, Eastern Campus Master Plan Recommendations

1. Welcoming and Accessible Campus

- Create landscaped entries that direct the eye to campus destinations
- Engage Richmond Road with ceremonial entry
- 2. Develop a Campus Presence on Harvard Road
 - Build campus buildings that are visible from the north

3. Celebrate Building Entries

- Create seamless spaces between buildings and open space
- Group building entries to capture more student life into concentrated areas
- Establish seating areas to encourage students, faculty and staff to linger

4. Establish a More Traditional Collegiate Campus

- Cluster buildings around a common open space
- Create a pedestrian hub
- Engage Richmond Road and feed activity to the campus core

5. Embrace Sustainability

- Follow LEED guidelines for building siting and orientation
- Capture stormwater and make a learning experience
- Develop larger parking lots on the edges of the campus

6. Encourage Pedestrian Activity

- Create a north-south spine to connect the entire 200+ acre campus
- Develop direct connections between building entries and parking

7. Preserve Natural Areas

- Target previously developed or cleared areas for new development
- Preserve the western woods as a community resource

Plan Drivers 02

The Eastern Campus 2014 Facility Master Plan Update presents new opportunities to advance student success and increase the College's contributions to its community.

This study follows the 2008 Cuyahoga Community College Ten-Year College-Wide Academic and Facilities Master Plan. While it has only been six years since the report was completed, many of its recommendations have been achieved. Three major factors have emerged since the Master Plan was completed that will affect future campus development. The first is a rapid change in the context of the community surrounding the College. The second is a change to a more traditional residential campus. Third is the change of requirements to accommodate evolving academic programs.

The changes create strong drivers that support the development of a master plan update. In summary these are:

- Rapidly Changing Community Context
- Positive Market Demand for On-campus Student Housing
- Facility Changes to Accommodate Academic and Administrative Demands, Student Preferences, and Market Demand for Workforce Training

Based on these circumstances the following Master Plan goals have emerged:

- Develop the competitive qualities that will make Tri-C a "First Choice College"
- Increase student success by providing on-campus housing. This can expand enrollment by attracting a wider range of student types, including international students
- Provide a traditional residential experience that encourages students to spend more time on campus
- Improve student access especially to underserved populations
- Become the heart of the community and expand use of the College as a community resource

Changing Community Context

There has been significant development in the community surrounding the College in the past 10 years. The intersection of Richmond and Harvard Roads is now a commercial hub complete with retail, restaurants, hotels and offices. Within a mile of the College, University Hospitals, Eaton Corporation and Omnova Solutions have completed new facilities, investing nearly \$500 million and bringing hundreds of new jobs to the neighborhood. In addition, the Greater Cleveland Regional Transportation Authority (RTA) has recently released plans to increase service to a new hub in this area.

2008 Aerial Photograph



Aerial photos courtesy of Cuyahoga County GIS

2013 Aerial Photograph



New Development since 2008



Opportunity

Tri-C is in a prime position in an emerging commercial and institutional corridor equipped with excellent transportation connectivity. The Eastern Campus 2014 Facility Master Plan Update proposes that Tri-C becomes the heart of this community by providing opportunities to learn and play. Learning and playing fuel community spirit, advancement, and success.

Recommendation

The College can complete the vibrancy of the neighborhood offerings (WORK, HEAL, SHOP) with its academic and training programs (LEARN) and its other community programs such as shared use of recreational fields, trails, and creative arts performances (PLAY).

The Master Plan Update proposes to raise the visibility of the College by increasing the density of activities along Richmond and Harvard Roads. The multi-modal transportation options and spaces proposed to support programs and events that invite community participation will showcase a more vibrant campus. Finally, the plan proposes to retain a beautiful, "green front of house" along Richmond Road.

Anticipated Results

- Increased visibility of the College, showcasing a more dynamic campus image, and locating community activities closer to the campus perimeter
- 2. Campus support for programs and activities that can be used by the broader community:
 - Curricula and classes
 - Campus outreach/interface-dining with culinary program, culinary team building, massage therapy, etc.
 - Shared athletic facilities (track, soccer fields, and trails)
 - Outdoor amphitheater
 - · Bookstore, retail, and casual dining
 - Special events (performances, art fair, farmers market)
 - Additional green space and pedestrian areas (created by re-aligning roads and parking and adding trails)
 - RTA commuter parking



On-campus student housing

In 2013, the consulting firm of Brailsford and Dunlavey was commissioned by Tri-C to evaluate the potential market demand for on-campus student housing, retail and hotel. The Brailsford and Dunlavey study concluded that there was significant demand for student housing and small-scale retail on campus.

Opportunity

Living on campus has long been directly associated with student success. Studies have shown that students who live on campus engage more with faculty and peers, which allows them to learn and develop more effectively. On-campus housing will have the potential to attract a wider range of students, including international students and students who want a more traditional college experience. Tri-C East's spacious campus with its idyllic surroundings and convenient location makes it an excellent site for student housing.

In today's economic climate, many colleges and universities rely on private developers to fund student housing. The Tri-C East location has already attracted the attention of many developers interested in a project along Richmond Road. The combination of demand, supporting retail and available funding makes this an ideal moment for Tri-C to increase its offerings to include on-campus housing.

Recommendation

The recommendations from the Brailsford and Dunlavey Study are as follows:

Student housing

• 400 Beds and 400 Parking spaces built in two phases:

Each Phase: 18% Studio (36 Beds) 27% 1 BR; 1 BA (54 Beds) 36% 2 BR; 2 BA (70 Beds) 19% 4 BR; 4 BA (40 Beds) 200 Parking Spaces

• Emphasis on apartment-style housing, each with its own kitchen.

Campus Retail

9,500 - 11,000 square feet built in two phases. Uses include Coffee House, Convenience Store, Fast Casual Cafe, Clothing Retail

Campus Hotel

• Insufficient demand to support a new hotel



401 Lofts, Akron, Ohio Photo Courtesy of 401lofts.com

Anticipated Results

- 1. Increased student engagement which leads to greater student success rates.
- 2. Housing has the potential to attract a wider range of students, including international students and students who want a more traditional college experience.
- 3. Retail services support housing, the College, and the community.



Educational changes

Colleges, especially community colleges, are in a constant state of change, quickly responding to market demand for workforce training, the state of the economy, academic and administrative changes, and student preferences and trends. Facilities are frequently updated to respond to these changes.

Since the Master Plan was completed in 2008, Tri-C has accomplished these major projects:

- 1. Acquired an additional 106 acres
- 2. Health Careers and Technology (HCT) Building constructed
- 3. Natatorium/ Wellness added to ESS
- 4. Student Services reorganized and refreshed
- 5. Roadway and parking improvements

Opportunity

Within the campus, the uses of existing buildings can be "re-stacked," a process of shifting existing space usage to strengthen and refocus clusters of academic concentration in improved physical adjacencies as new space becomes available during the new construction and renovation process.

Recommendations

- EEC Cluster the creative arts program
- EEC Create an Arts Tower landmark
- ELA Strengthen humanities clusters, shift sciences to their own cluster
- ELA- Develop Humanities Resource Center
- ESS Concentrate on student services, administration, wellness and general classrooms
- HCT Add programs to strengthen the offerings
- New Science Building- Expand science concentration and provide a home for plant science and related sustainability programs

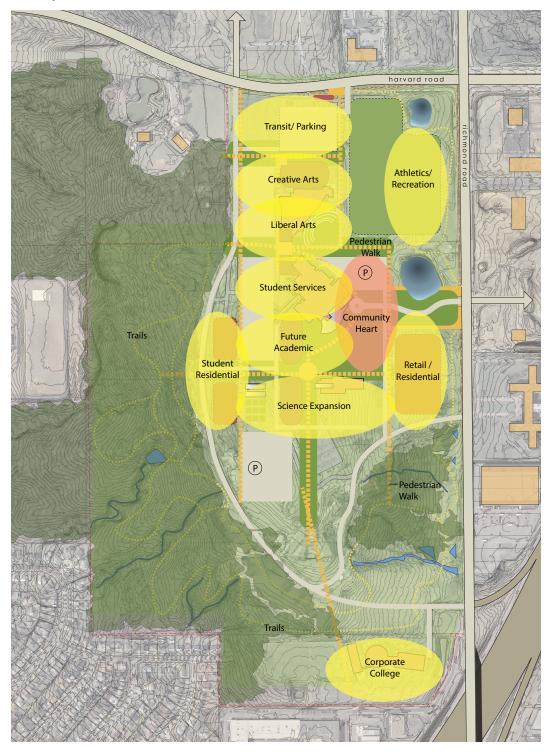
Anticipated Results

- Clusters of academic buildings with defined physical spaces increases identity and awareness of departments for students, faculty, and staff.
- 2. Concentration of academic resources increases student access and convenience and supports student success.



Tri-C Nursing Students Photo Courtesy of The Voice, August 2014; Photo by Aswan Harris

Activity Zones Plan





Activity Zones

Following a discussion of the plan drivers and a review of the previous planning, the Activity Zones Plan was created as an organizational diagram to guide more detailed development of the Eastern Campus 2014 Facility Master Plan Update.

The key features are improved concentration and adjacency of academic departments and activities by building. Student support and amenities are restacked in a similar way. Responding to the natural evolution of college curricula and facility growth, this move will improve the alignment between the College's space needs and the facilities' capacity.

The Activity Zones Plan also illustrates the intent to engage the community at the edge of campus. Two new activities are proposed for the campus, a transit stop with parking to the north along Harvard Road and the retail/residences along Richmond Road at the main campus entrance.

The most essential new activity is the community heart, which centers all campus activities and also creates the welcoming zone where the community can easily enter the campus.

Process 03

The Eastern Campus 2014 Facility Master Plan Update was created over a nine month period and followed the steps described below.

- 1. Real Estate Market Analysis for Housing, Retail, Hotel
- 2. Meetings with Key Persons
- 3. Data Gathering and Analysis
- 4. Precedent Analysis
- 5. Charette
- 6. Plan Development

1. Real Estate Market Analysis for Housing, Retail, and Hotel

In early 2014, the consulting firm, Brailsford and Dunlavey, completed a market analysis to understand the viability of constructing housing, retail, and/or a hotel facility on campus.

2. Meetings with Key Persons

URS Planning Staff worked closely with Tri-C throughout the process and its guidance and feedback were invaluable to the development of the Eastern Campus 2014 Facility Master Plan Update. Key persons included: Dr. J. Michael Thomson, East Campus President; Peter D. MacEwan, Vice President, Facilities Development and Operations; Thomas Stecky, Executive Director, Capital and Construction; and Mark Green, District Director, Planning and Design.

3. Data Gathering and Analysis

Building on information gathered in the 2008 and 2010 Plans, data gathering focused on changes to the campus and surrounding areas since 2008. This included examining slopes, utilities, tree cover, wetlands, and zoning for the more recently acquired 106-acre MetroHealth site. Additional information was examined in more detail for areas that were best suited for housing development. This included power, electric, sewer and water lines, natural drainage flows, slopes and existing stands of mature vegetation. The increasingly developed properties surrounding the College were given special consideration to better understand their impact on Tri-C's image and their potential for increasing collaboration between the College and the surrounding commercial and institutional community.

Programmatic changes were reviewed for academic fields in transition. The Creative Arts, Liberal Arts, and the Sciences all required investigation to better understand their relationship to surrounding activity centers and space requirements within new or renovated buildings.

4. Precedent Analysis

As part of the planning process for exploring student housing, a number of development precedents were collected and discussed to understand four topics:

1. What is the relative size of the campus?

- 2. What is the relative size and placement of privately funded student housing on or near campus? How does it function with respect to the rest of the campus?
- 3. What are some examples of student housing at community colleges? How was it funded and managed?
- 4. How big is the campus green? How does it work as an organizing feature and activity zone for the campus?

Members of the planning team visited several locally and nationally recognized student housing developments. Refer to the Appendix for a summary of the precedent studies.

5. Charette

On Wednesday April 30, 2014, an interactive Charette was held to gather ideas and suggestions early in the Master Plan Update process. Ten posters were mounted in an ESS alcove adjacent to the dining area; four posters provided background on the evolving master planning efforts and six posters were exercises designed for gathering suggestions and comments, initiating discussion, and sharing ideas. Participants were invited to do any or all of the exercises.

Nearly 100 Tri-C stakeholders, including students, faculty, and staff, took part in the Charette, which was held concurrently with the Campus Appreciation Lunch and Program and Campus Forum. The participants engaged in lively conversation as they shared ideas, reviewed each other's comments, and added further suggestions. Some participants returned at a later time to review others' comments and provide additional thoughts.

The feedback from the Charette was very helpful in developing the 2Eastern Campus 2014 Facility Master Plan Update. The analysis revealed: Very strong preference to:

- Be seen as the heart of the community
- Enjoy a walkable campus
- Conserve woods and wetlands
- Add more retail and restaurants on campus

Strong preference to:

Provide Housing on campus

No preference regarding:

 Whether all buildings are physically connected (similar to Tri-C West) or dispersed as in traditional college campuses

Refer to the Appendix for a full summary of the Charette results.

6. Plan Development

The Eastern Campus 2014 Facility Master Plan Update layout was developed around the approved Activity Zones Plan. It includes building layout, open space development, and preservation and pedestrian and vehicular connectivity. The Master Plan Update is the product of several options and iterations and its implementation can be phased over many years.

Master Plan Update 04

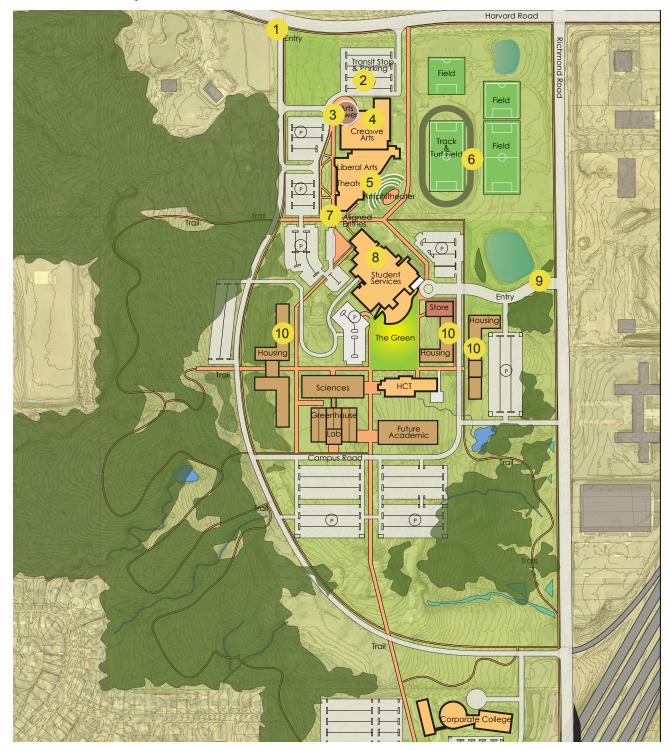
A new traditional campus green (the Green)is designed as the community heart for the campus and beyond. The Eastern Campus 2014 Facility Master Plan Update creates an outdoor open space for students, faculty, and staff as well as community gathering that will host classes, campus gatherings, community farmers markets, festivals, movies in the park, passive recreation etc. The Green expands from ESS south towards the new housing, linking the housing to campus. A pedestrian zone extends from the Green east to ELA, improving the connection between the two. Housing, science, and health buildings define the other edges of the Green.

Phase 1 housing is placed south of the main entry drive and brings a major change to the eastern edge of campus. This phase of housing also includes a retail component (traditional bookstore with expanded retail and a casual restaurant) for the College and community. The College bookstore will be relocated and expanded from deep within ESS, potentially reaching a broader audience and becoming a gathering center for readings and other events. Phase 2 student housing is placed within the campus at the edge of the western woods. A pedestrian corridor links the two housing locations.

The Eastern Campus 2014 Facility Master Plan Update is designed to engage the community more strongly at the eastern edge of the campus by placing more visible activities there that can be shared with the community. The repair and upgrade of the running track, along with new athletic and practice soccer fields will allow the action of sports to be visible from Richmond and Harvard Roads.

The Eastern Campus 2014 Facility Master Plan Update adopts the principles of the *Cuyahoga County Community College Sustainability Plan 2010* and the essence of the 2008 and 2010 plans. It extends the life of the College from the eastern ridge line closer to Richmond Road and the Chagrin Highlands area. It clusters housing, student services, and academics around the Green, which becomes the heart of the campus. Additional recreation opportunities, preservation of surrounding forested areas with integrated walking trails, and improved pedestrian circulation will now allow the College to reach out to an even more diverse population while maximizing its educational role within the greater community.

2014 Master Plan Update Elements 1-10





Elements of the 2014 Master Plan Update

1. Northern Entry

An open and green lawn frames the campus from the Harvard Road entry. This open view showcases a new Arts Tower landmark and announces the College to the community.

2. Transit Facility

A space tucked between Creative Arts and Recreation along Harvard Road is reserved for the future RTA transit stop and parking facility. Planned to accommodate an improved bus stop or a future rapid line and a park and ride, the site is connected directly to the Pedestrian Spine. This potential to link the Tri-C East Campus with the Metro Campus more directly would open up the College to a much wider group of students.

3. Arts Tower Addition

The Arts Tower anchors the Creative Arts building and becomes a beacon visible to Harvard Road and the community. Showcasing dance, pottery, painting, and music programs, the glassy transparent tower will be a billboard for the many excellent programs and services available on campus.

4. Creative Arts

Remodeled and reimagined, the Creative Arts Building will become an exciting hub on campus.

5. Liberal Arts, Humanities Resource center and Amphitheater (EEC)

The newly created Humanities Resource Center and the existing East Campus Performing Arts Center will anchor the Liberal Arts building. The addition of an outdoor amphitheater that shares 'back of house' facilities with the existing theater could greatly extend the offerings and audience for the College's dramatic arts and music programs.

6. Recreation

Essential to a residential campus and integral to community outreach, the Recreation Complex would include a track, additional fields to

accommodate larger scale soccer tournaments, and community walking trails designed to become a cross-country track. This open green space has increasing importance to students, faculty, and staff but also to the larger community.

7. Northern East-West Pedestrian Link

The Northern East-West Pedestrian Link and the aligned entries of ELA and ESS will link the existing campus buildings together and to the pedestrian spine system. These direct links are essential to the success of transforming Tri-C East into a pedestrian-centric campus.

8. Student Services (ESS)

As the center of student life and many community outreach services, ESS is the nucleus of the campus buildings. The 2014 Master Plan Update outlines a restacking program to concentrate all student services here. Linked to the Arts to the north and Sciences to the south, the ESS building becomes integrated into the Green.

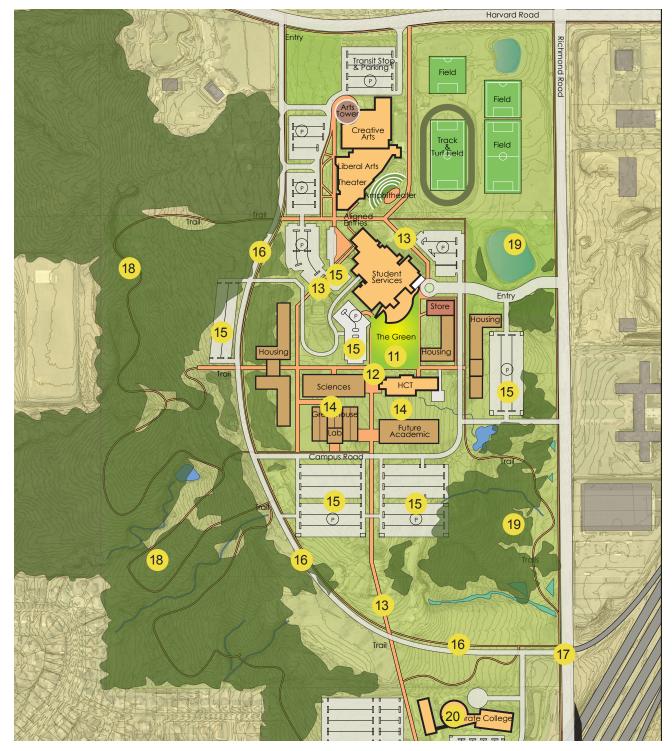
9. Ceremonial Entry

An integral element completed from the 2008 and 2010 Plans, the entry road sweeps up from Richmond Road showcasing and directing visitors to the center of the campus.

10. Housing/Bookstore

The new on-campus housing/retail buildings cluster around the Green, ESS, and HCT to develop the once 'mall of education' into a traditional collegiate campus. Developed in two phases, the housing anchors the east and west edges of the developed campus and is connected by a pedestrian way. The eastern block contains space for campus retail and services adjacent to ESS. Phase 2 is tucked back towards the woods creating a more traditional residential experience.

2014 Master Plan Elements 11-20





Elements of the 2014 Master Plan Update (continued)

11. The Green

The Green is the 'heart' of the College and the greater community. It is an open space lawn with a grove of trees conceived on the ideals of Thomas Jefferson. In the early 1800's, he developed the concept of the 'Academical Village' – a community of open spaces defined by buildings that foster 'chance meetings' and encourage academic exchange. The Green is a flexible space for learning, informal recreation, and a community place for festivals, markets, and gatherings.

12. Southern East-West Pedestrian Link

Intersecting with the Spine, the primary east-west pedestrian connector is the former campus roadway. It is essential in connecting the upper and lower campus and bringing the College community to the Green.

13. The Spine

Linking the Arts and Sciences to the Green, and concentrating student movement on the campus, the Spine is the north-south pedestrian backbone of the plan. The RTA stop, parking and Corporate College feed into this system to make pedestrian movement around the campus easy and logical.

14. Sciences

Located on the Southern East-West Pedestrian Link, the Science Building, Greenhouses, and Outdoor Lab work with HCT to anchor the southern edge of the current campus. The synergies within the sciences will activate the southern edge of the campus positioning the heart at the ESS and the Green.

15. New Parking

Larger parking lots are more efficient and consume less fuel than small lots that require extensive hunting for a space. The lots are positioned on the edges of the built campus and easily accessed by a ring road. The lots are linked to a well-developed pedestrian system that encourages walking on campus between classes.

16. Ring Road

Linking Harvard to Richmond Road through the College, the Ring Road opens up the center of the campus for pedestrian use. The Ring Road loops to the ceremonial entry via Campus Road, an extension of the existing eastern north-south road.

17. Intersection opposite Exit 28A

The Ring Road intersection of Richmond Road and Exit 28A off Interstate 271 (I-271) creates a strong branding opportunity for the College.

18. Trails

Once the remote eastern edge of Cuyahoga County, the College is now surrounded by development. This last bastion of open green space has increasing importance to students, faculty, and staff but also to the larger community. Accessible forest trails weave strategically through the woods on the edges of the campus and make it a destination for all.

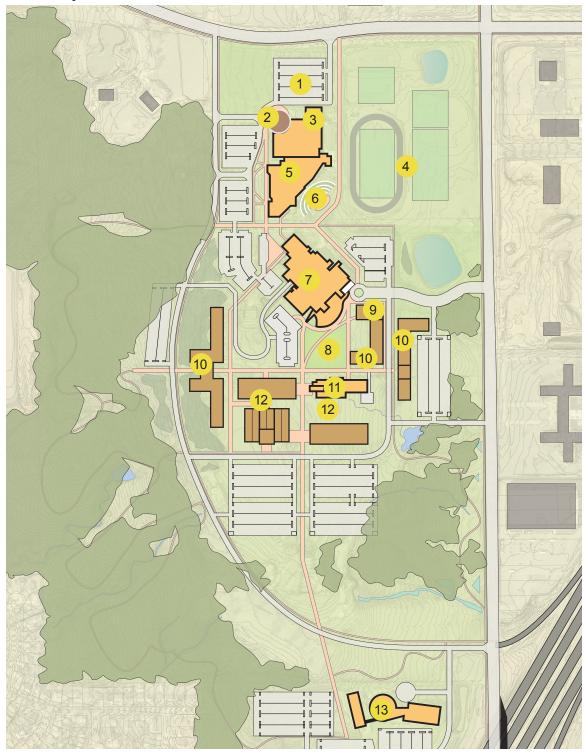
19. Green Edge

Naturally preserved woodland stands and existing stormwater wetlands border the edges of the campus presenting a 'green front of house' to the community.

20. Corporate College

The southern-most edge of the Tri-C East Campus, Corporate College is a professional training and development center, along with state-of-the-art meeting and conferencing space. It is now linked to the main campus by the pedestrian Spine.

Community Destinations





Community Destinations

The College destinations system focuses on those destinations that encourage the community to recognize and visit the College and participate in its activities. Engaging the larger community brings more resources and recognition to the College and increases its support and service base. Convenient accessibility and clear visibility of these destinations will make it easier to achieve the goal to become the heart of the community.

- 1. RTA Transit Stop and Parking (proposed) This location has been recommended for an end of the line station of a future RTA service extension. A transit stop and parking on campus would provide convenient access to the Tri-C East Campus from a wider ridership area. In addition, those who park here would find new destinations, services, and programs to encourage them to spend more time on campus.
- 2. Arts Tower (proposed)

The proposed Arts Tower provides a home for dance, ceramics, music and art gallery in a new building that will be an active landmark set on the high ridge that runs through the west side of campus. The tower will be easily visible from surrounding roads as it celebrates the College's creative arts programs.

3. Culinary Program (existing) The culinary program's kitchen and dining room are located on the north side of EEC and are directly accessible from the north. Visitors are welcome to dine with the College at lunchtime and for special programs.

4. Athletic Fields (proposed)

New and updated athletic facilities visible from the intersection of Richmond and Harvard, will be shared with the community.

- 5. Performing Arts Center (existing) The Center for Creative Arts brings extraordinary regional, national, and international performing artists in dance, music and theater to Cleveland through Tri-C. The Performing Arts Center hosts these and many other programs in their facility.
- 6. Amphitheater (proposed) A new amphitheater provides an additional venue for performances.

- 7. Natatorium and Wellness Center (existing) This facility is a popular destination open to students, staff, faculty, and community members.
- 8. The Green (proposed)

A purely-people space in the midst of several attractive destinations can host a variety of outdoor events, such as farmers market, art show, sales, student events, etc. The open green will be a perfect spot for Frisbee, touch football, sun bathing and other informal passtimes that support student and community activities.

9. Retail Associated with Housing (proposed) New retail space that includes the bookstore, casual food service, and other retail offerings is proposed near the ESS, housing and the Green. This combination of destinations will attract a wide variety of shoppers, browsers, student residents, and people watchers.

10. Housing (proposed)

The addition of housing on campus not only creates new destinations; it also creates new user groups to experience the campus in a different way. Offering these linked destinations will enrich student residents' use of the campus and provide amenities that compete with a 4-year college experience.

11. Health Careers and Technology Building (existing)

The HCT offers free services to the general public through its student-supported clinics.

12. The New Science Buildings and Quad (proposed)

Future science buildings are proposed to be developed around an open landscape quadrangle, which can create many opportunities for the Plant Science Program to showcase their skills and activities.

13. Corporate College (existing)

Professional training and a state-of-the-art conference space attract professionals from the community and across the region.

Buildings

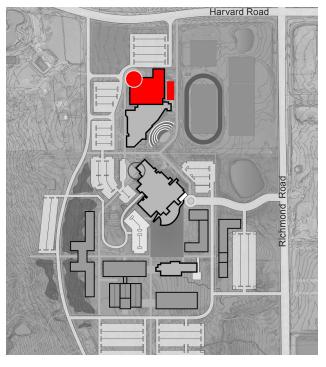
The Eastern Campus 2014 Facility Master Plan Update recommends that the current location of programs and departments be shifted to strengthen and refocus clusters of academic concentration with improved physical adjacencies. As new space becomes available during the new construction and renovation process, these ideas can be implemented. The information on the following pages describes the interim and end state for each building on the Tri-C East Campus.



Aerial photo of Tri-C East Campus from the north

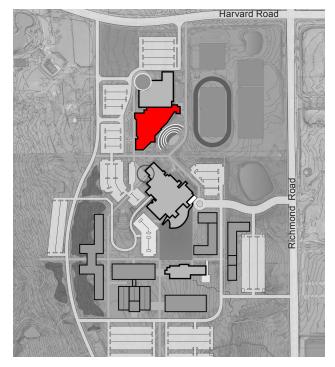


EEC and Arts Tower

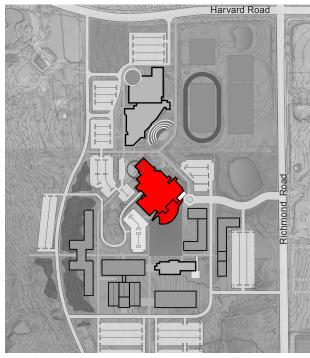


Action:	Educational Programs:
Demolition:	The 2 story EEC Annex (may serve as interim swing space)
Staying:	Culinary, Hospitality, General Classrooms, Student Government
Coming:	Arts Tower (Dance, Pottery, Music, Painting, Gallery, Faculty Offices)
Going:	Environmental Science, Plant Science, CADD Lab, Early Childhood Education, Fine Arts Programs to Arts Tower, Service Programs (ABLE, GED, Women in Transition)
Renovation	Spaces vacated by uses shifted to the Arts Tower, New classrooms and Faculty offices, Update facilities

ELA

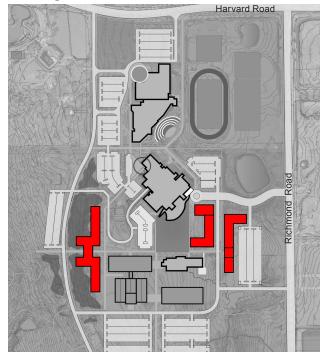


Action:	Educational Programs:
Demolition:	None
Staying:	Theater, Graphic Design
Coming:	Humanities Resource Center (English, Psychology, Political Sciences, History), New southern entry to enhance pedestrian connection to ESS
Going:	Math, Student Life, Office of the Dean of Academic Affairs
Renovation:	Spaces vacated by uses shifted to sciences complex, Update facilities



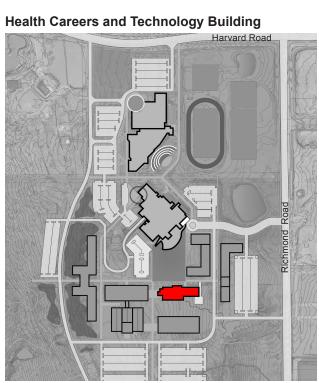
	Action:	Educational Programs:
	Demolition	None
	Staying and Renovation	Library, Teaching/ Learning Center, Food Service, Technology Classroom, Dean Of Student Affairs
	Coming	Classrooms, Math, Early Childhood Education, Veterans Services (new), service programs (GED, Women in Transition), Offices of the Deans of Academic Affairs and Student Affairs, interim swing space, New northern entry to enhance pedestrian connection to ELA
	Going	Bookstore (move to new housing/ retail development), Chemistry and Physics, Interior Design, General Education, classrooms space as new classrooms are developed at EEC and ELA
	Renovation	New administrative and student support spaces, update facilities

Housing



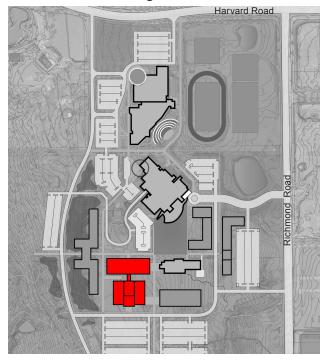
Action:	Educational Programs:
Coming	 Educational Programs: Phase 1 200 beds with support spaces (lobby, living room, study rooms, storage rooms, laundry, etc) Barnes & Noble- bookstore and retail, coffee shop, convenience store, casual dining, and grab and go Phase 2 200 beds with support spaces (lobby, living room, study rooms, storage rooms, laundry, etc)
	storage rooms, launury, etc)





Action:	Educational Programs:
Demolition	None
Staying	Biology, EMT, Ophthalmology
Coming	New Health Career Programs and Workforce Economic Development (WED)
Going	Chemistry and Physics
Renovation	None

New Sciences Building



Action:	Educational Programs:
Coming	Chemistry, Physics, Environmental Science, Plant Science

Open Space Plan





Open Space

The open space system includes conservation of wetlands and one of the largest remaining stands of forest in the area, as well as athletic and recreational areas, landscape buffers along the Richmond and Harvard Road frontages, and developed campus landscapes such as quads, greens, plazas and amphitheaters. It offers a connection to nature, creates zones for activity and contemplation, manages stormwater, and provides beauty to refresh the spirit.

1. Recreation and Athletics

A new track enclosing a lighted soccer field with bleachers is accompanied by a full soccer practice field and two half fields. These facilities support Tri-C athletics and intramural programs and can also host local amateur leagues as well as practice, competitions, and events for public and private schools in nearby communities

2. Amphitheater

An outdoor amphitheater constructed directly outside the Performing Arts Center provides a venue for a wide range of outdoor performances, classes, casual gatherings, and informal use. The hillside gives the amphitheater a prominent location with views across Tri-C East Campus and beyond. Slopes away from the building.

3. The Green

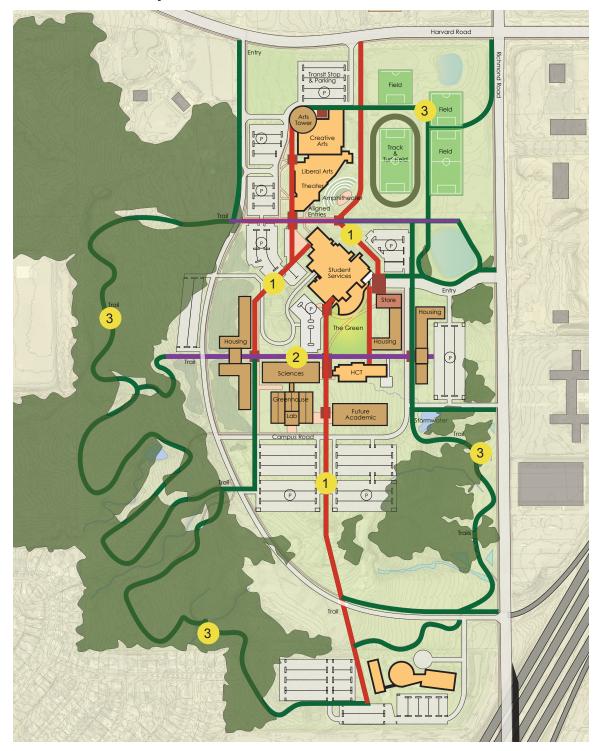
A purely-people space in the midst of several attractive destinations that can host a variety of outdoor events, such as farmers market, art show, sales, student events, etc. The Green will be a perfect spot for Frisbee, touch football, sun bathing, and other activities.

4. Plazas

Small plazas are recommended to be added at building entrances to welcome students and mark the transition from vehicle-dominated zones to pedestrian paths. These areas can include detailed hardscape, landscape, and benches. Lighting for night use and security should also be included as part of these designs.

- 5. The New Science Buildings Quad Future science buildings are proposed to be developed around an open landscape guadrangle.
- 6. Cross Country Trail A trail system the runs throughout the campus, including the western woods, is suitable for cross county events, running, hiking, and walking.

Pedestrian Connectivity



04

Pedestrian Connectivity

Improving the accessibility and connectivity of the College begins with strengthening the overall organization. The Eastern Campus 2014 Facility Master Plan Update creates new landmarks, the Arts Tower, the housing, and the Green, which will help visitors and students navigate the campus.

Pedestrian movement is essential to campus vitality. The network includes major pedestrian walkways (Spine and Links) on the main campus and more intimate trails that extend through the western woods and other campus open spaces.

1. The Spine —

A strong north-south walkway links the Arts complex across the ridge to Corporate College. The northern most section loops through the Green connecting the upper and lower campus.

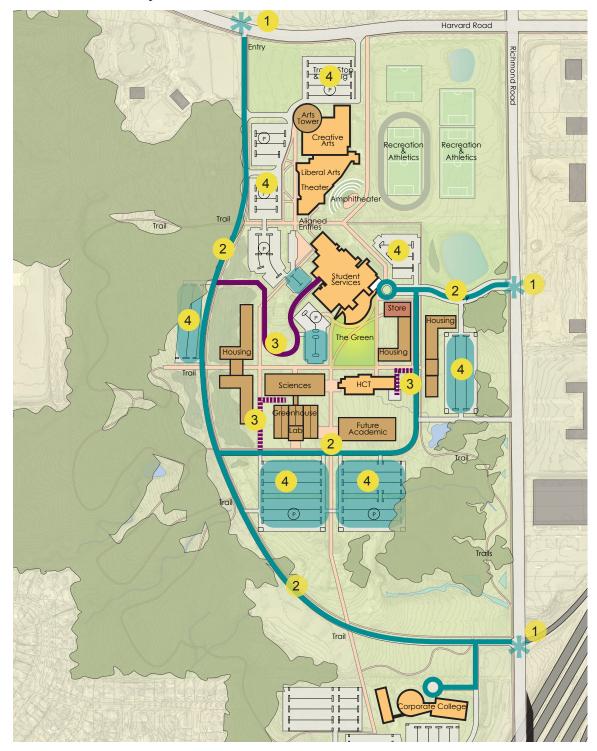
2. East-West Pedestrian Links -----

The southern edge of the Green is held by the southern east-west walk, formerly a roadway that links campus housing together. Another east-west connection is located just north of the ESS.

3. Trail System

The trail system loops the entire built campus and weaves into the forest with minimal tree removal. A community asset, the trail links the campus, encircles the recreation complex, and promotes health and wellness to a broad audience.

Vehicular Connectivity





Vehicular Connectivity

The success of the pedestrian campus is dependent on a logical vehicular system. Echoing the 2008 plan, a ring road system is pulled further from the building edge to allow for a cohesive pedestrian core and larger parking lots on the edges.

1. Campus Access 🗙

There are three access points to the campus which should be highlighted, signed, and landscaped. One at Harvard Road to the north, and two along Richmond Road, including one at the 28A exit ramp from I-271.

2. Vehicular Circulation -

Vehicles are regulated to perimeter roads that provide access to primary parking lots. Regular vehicular traffic is removed from the core of campus to enhance and make safer the pedestrian experience.

4. New Parking Lots

In keeping with sustainability goals, large parking lots are located together at the outskirts of campus and are connected to primary pedestrian routes. This encourages people to park their cars once and walk instead of driving from building to building on campus.

Regional connectivity

When Tri-C East Campus was founded, it was built ahead of the development in this patch of Cuyahoga County. Development over the last ten years has radically changed its position in the region. The College finds itself at the heart of a vibrant health, retail, and commercial community with hundreds of employees and visitors daily.

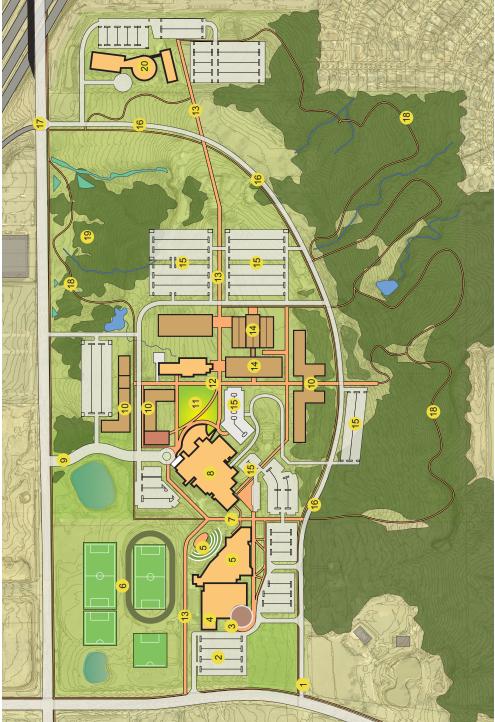
The existing transit system provides access on the #14, #15F, and #94 buses. The RTA has investigated expanded service and the Eastern Campus 2014 Facility Master Plan Update has reserved space on the northern edge to accommodate a facility. This could range from an enlarged bus stop to a transit hub.

Expanded transit would greatly benefit the College by linking it more directly with the Metro Campus and a larger portion of the area served by RTA.



Plan courtesy of the Greater Cleveland Regional Transit Authority



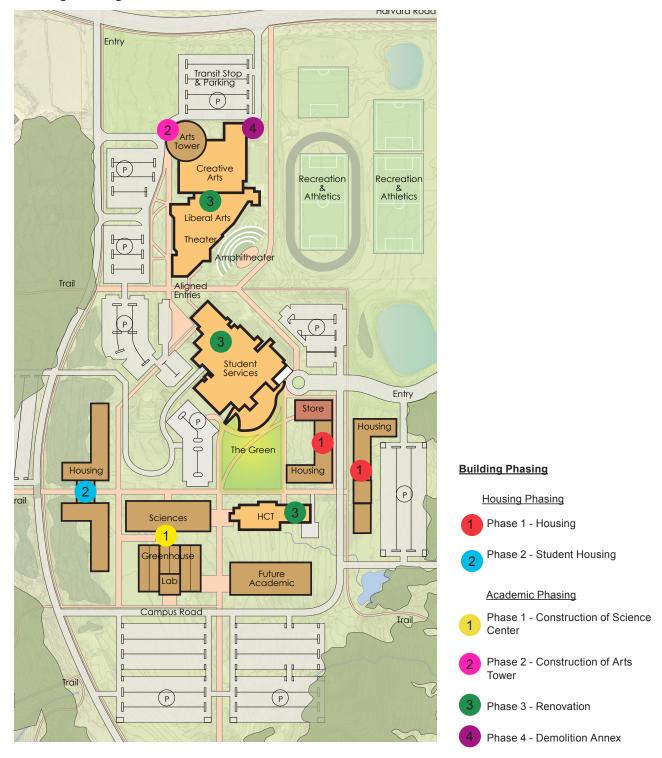


Phasing 05

Campuses evolve over time and major infrastructure investments can be influenced by funding opportunities as well as need. The following phasing diagrams recommend development phasing for buildings, open space and connectivity according to demand, desire, and logic.

Campus development often benefits from combining building construction with associated open space and roadway improvements. Each of the components within the early phases are designed to work well together.

Building Phasing



05

Building Phasing

Housing and academic building phasing can occur independently of each other.

Housing Phasing

On-campus housing is essential to the vision of a 'First Choice' traditional collegiate campus for Tri-C East. The plan positions the two phases of 200 beds each that can proceed independently.

Housing Phase 1

The first phase will contain 200 beds plus retail. This housing might be open to a market that includes students as well as others.

Housing Phase 2

This phase will have 200 beds for student housing.

Academic Phasing

The EEC Annex can be used for swing space for Phases 1, 2 and 3.

Academic Phase 1

Construct new Science Building. The Science Building will unite many of the academic science programs, plant technologies, and greenhouses adjacent to HCT to build on common synergies and complete the edge to the Green.

Academic Phase 2

Construct new "Arts Tower" A beacon to the north, the Arts Tower has a small footprint but a large vertical presence. Highlighting the Creative Arts curriculum, the Tower will be home to dance, pottery, painting, and music.

Academic Phase 3

Renovate ESS and ELA Buildings to consolidate Arts and Humanities Programs. Renovation will be possible for the Creative Arts building only after the Science Complex and Arts Tower are complete.

Academic Phase 4

Demolish existing EEC Annex. The demolition of the greatly outdated Annex Building can only be achieved when Phases 1-3 are completed.

Open Space Phasing



05

Open Space Phasing

Open spaces make a campus. The captured places between buildings, the large public gathering places, and the recreational fields and forests require the least investment for the greatest reward.

Almost all of the open space projects planned in the Eastern Campus 2014 Facility Master Plan Update can happen independently.

Phase 1

The Green and ESS Plaza will be critical to creating a vibrant heart for the College and should be the first step in the open space development.

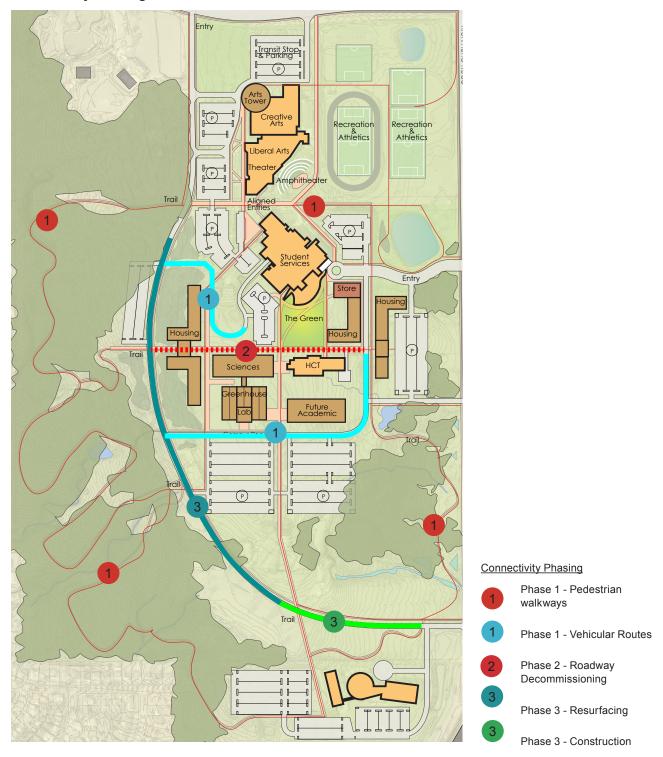
Phase 2

New and updated athletic facilities, the outdoor amphitheater and extensive trail system create a green space system encircling the College that both students and community members can enjoy.

Phase 3

Plazas associated with new or renovated buildings should be constructed as part of the building project and budgeted accordingly.

Connectivity Phasing



05

Connectivity Phasing

The removal of vehicular traffic from the center of campus began with projects identified in the 2008 and 2010 Master Plans. A clear entry, easy access to large parking lots, and direct access to a pedestrian system are the goals of the new connectivity plan.

Phase 1 Pedestrian Walkways — Vehicular Routes

The key to a pedestrian campus is a clear network of walkways. Roadway and related parking lot construction begin to move vehicular traffic away from the center of campus.

Phase 2 Decomissioning

The decommissioning of the roadway in Phase 2 creates the southern East-West Pedestrian Link.

Phase 3 Resurfacing

Construction -

New roadway construction and existing roadway resurfacing will allow a complete Ring Road around the west and south sides of the campus to be developed. Phase 3 gives the campus the longanticipated direct connection to I-271 from exit 28A on Richmond Road. It also links Corporate College directly into the rest of the Tri-C East Campus.

Appendix

Planning Precedents

Campus Scale

Tri-C East's generously-sized campus was compared to various local colleges and desirable retail districts to understand its relative scale.

Student Housing at Community Colleges

The planning team visited and/or studied community colleges to understand the size, location and management of their student housing options. Various examples of privately funded and managed student housing were reviewed to determine if that model would be appropriate for the College.

Campus Open Space Study

The planning team reviewed open spaces at local college campuses as well as in commercial developments to understand what the scale of the Green should be. The aerial photographs in this section are overlaid with the size of the Green proposed in this Master Plan Update.

Charette

On April 30, 2014, nearly 100 Cuyahoga Community College stakeholders participated in a Charette which was held concurrently with the Campus Appreciation Lunch, Campus Appreciation Program, and Campus Forum. Ten posters were mounted in an alcove adjacent to the dining area; four posters provided background on the evolving master planning efforts and six posters were exercises designed for gathering suggestions and comments, initiating discussion, and sharing ideas. Participants were invited to do any or all of the exercises. The feedback received was used to establish goals and design guidelines for the Master Plan Update, to understand preferred adjacencies within activity zones, and to define potential uses. A summary of the feedback from each exercise is included in this Appendix.

URS Planning Team

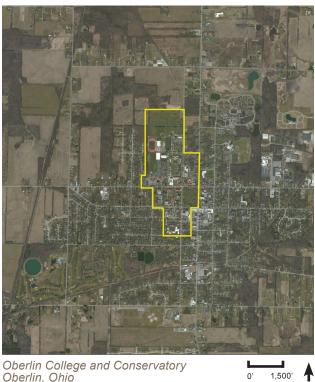
Campus Scale



Each plan on these pages is pictured at the same scale for reference.



The Ohio State University High Street Ohio State University, Columbus, Ohio

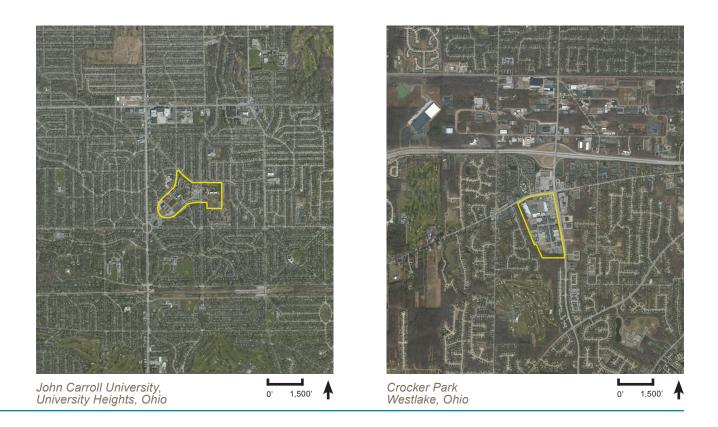


Oberlin College and Conservatory Oberlin, Ohio 0'

♠

1,500'

0'



Student Housing at Community Colleges

In addition to the examples below, Terra State Community College in Fremont, Ohio is working on Phase I of a phased multiuse housing (500 beds) and retail facility. Phase I is projected to provide 100-150 beds. Owens Community College, with locations in Toledo and Findlay, Ohio, is currently working on a housing demand study with Brailsford and Dunlavey.



Location: Hocking, Ohio Enrollment: 5,908 (2011) Type: Residence halls on campus Owned/Operated: Hocking College

Beds: 845



Location: Rio Grande, Ohio

Enrollment: 2,300

Beds: Residence hall on campus

Owned/Operated: Contract with co-located private university

Beds: 572

Other: Housing program is all-inclusive and includes dining privileges











Location: Wooster, Ohio Enrollment: 700 Type: Residence hall on campus Beds: 413

Owned/Operated: Ohio State system



Location: Cedar Rapids, Iowa

Enrollment: 18,456 (2010)

Type: Apartments near campus

Beds: 2,300 beds in 6 complexes with 90% student occupancy

Owned/Operated Private

Other: College influenced by establishing criteria for Preferred Partners Program







Privately Held Student Housing



Location: Kent, Ohio

Enrollment: 29,447

Type: Apartments near campus with ground floor retail

Beds: 32 apartments

Owned/Operated: Private

Other: Downtown look and feel

UPTOWN

Location: Cleveland, Ohio

Enrollment: 10,026 (2012)

Type: Apartments near campus with ground floor retail

Beds: 114 apartments

Owned/Operated: Private

Other: Downtown look and feel







Location: Rootstown, Ohio

Enrollment: 767 (2010)

Type: Apartments near campus with ground floor retail; open to students, staff, and faculty only

Beds: 339 beds (155 2 BR, 30 1 BR)

Owned/Operated: Private

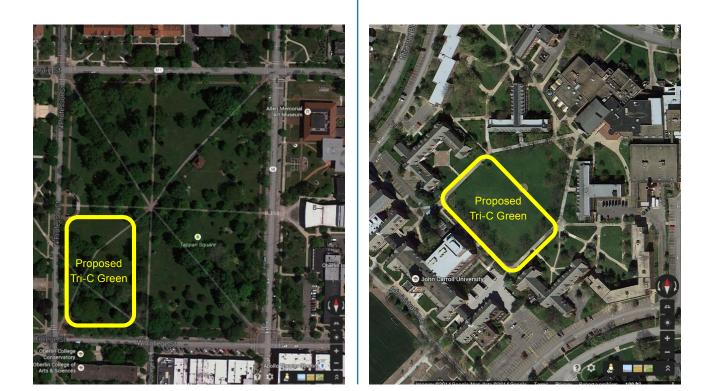


Campus Green Space Study



COLLEGE OF ARTS & SCIENCES CONSERVATORY OF MUSIC





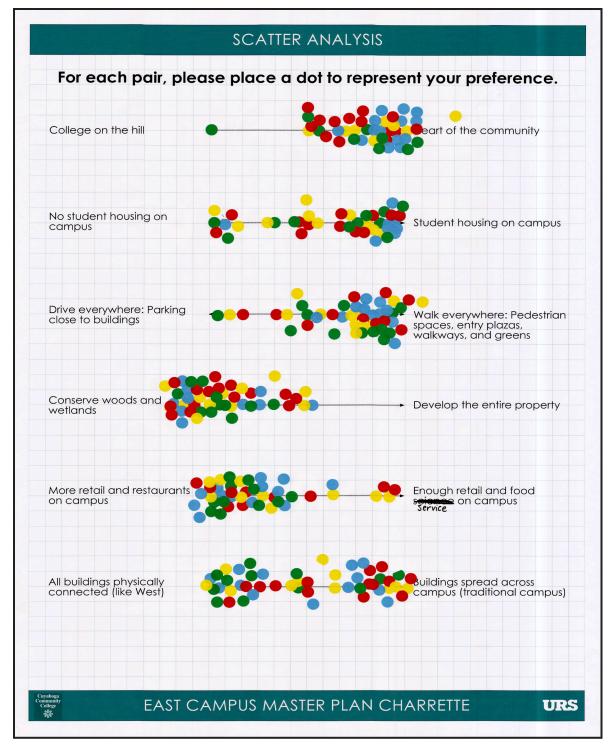








Charette



Scatter analysis

Participants were asked to indicate their preference between two ideas. Dots were placed anywhere along the spectrum.

Very strong preference to:

- Conserve woods and wetlands
 (vs. develop the entire property)
- Be seen as the heart of the community (vs. the college on the hill)
- Add more retail and restaurants on campus (vs. existing retail and food service on campus being enough)
- Enjoy a walkable campus (vs. a drivable campus)

Strong preference to:

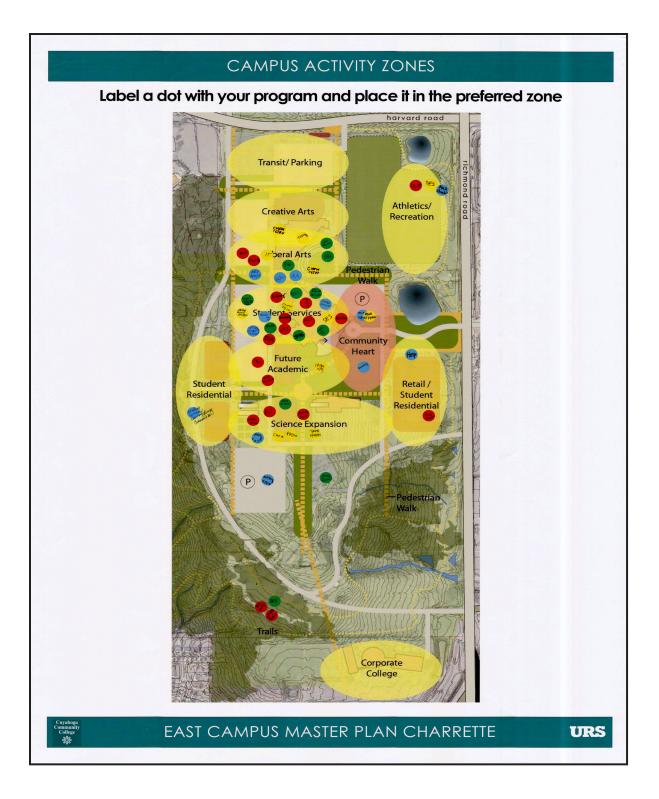
· Provide student housing on campus

No preference regarding:

 Whether all buildings are connected (similar to Tri-C west) or dispersed as in a traditional college campus



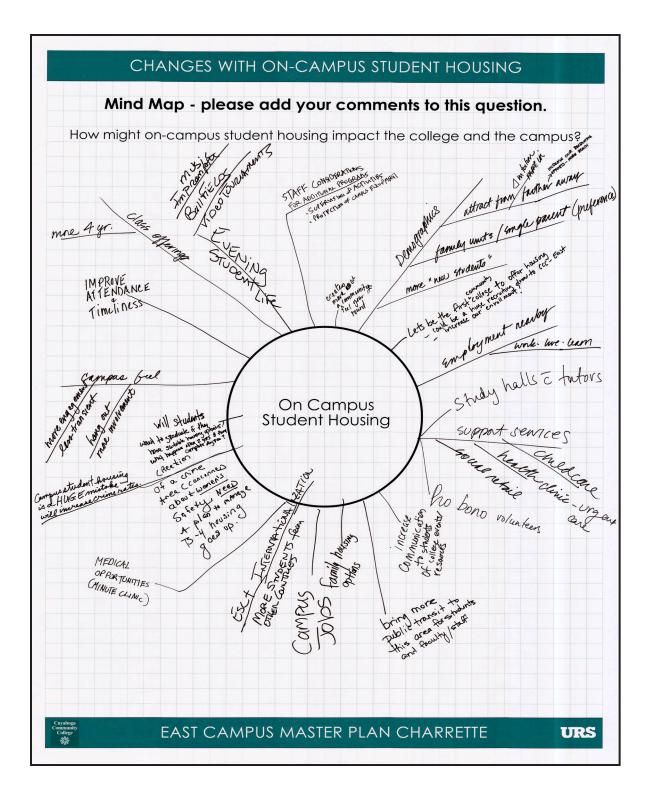




Activity Zones

Participants were asked to place their department on the activity zone that represents their preferred affiliation and adjacencies.

Athletics:	Lacrosse, SES, Rock Climbing	These were added to general campus areas outside of the activity zones:Outdoor fields
Creative Arts:	Theatre, Chemistry	More retail
Liberal Arts:	Math, Psychology, Art History, English, AA, Chemistry, WST., Video Media	Trails: Fitness, SES, Circuit Training
Science Expansion:	Plant Science, Physics, Chemistry, PST, Sports Exercises, Athletics, Work Force	
Future Academic:	Math, Tech Theatre, Chemistry	
Student Services:	Dean's Offices, Enrichment Center, Media, DSA, WIT, Library, Business, Adjunct Services, Career Services, Athletics, Accounting, Dev. Ed, SES, Recreation	B
Student Residential:	Student Success/ Living Learning Communities	
Retail Student Residential:	Hospitality, Child Care	
Community Heart:	Outdoor Cafeteria, Counseling	



Mind Map

The Mind Map exercise asked Charette participants to think about the question "How might on-campus student housing impact the College and the campus?"

Student demographics

- More new students (just starting college), more family units/single parent households, students from farther away
- Internationalization: more students from other countries
- Let's be the first college to offer housing: a huge draw for Tri-C East, bring increase in enrollment
- .

Support for students and student housing

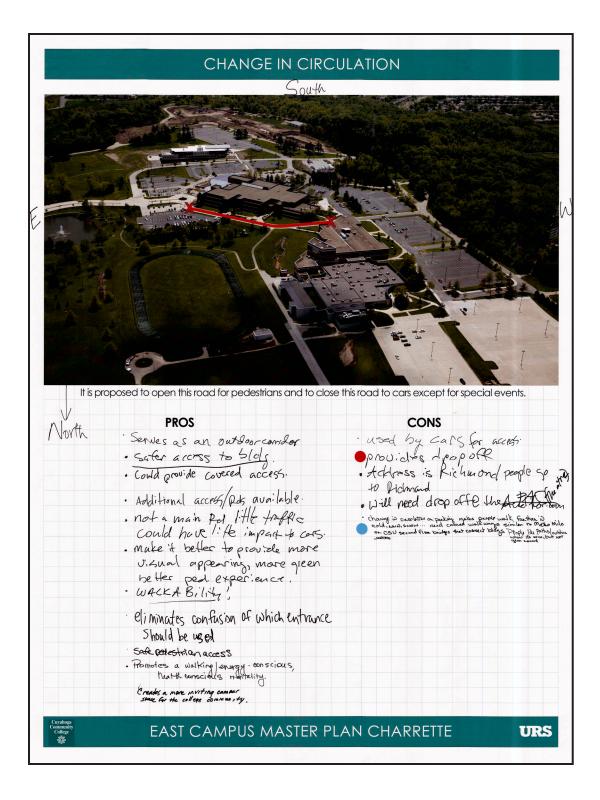
- Support for students and student housing
- Support services: study halls with tutors, pro bono volunteers, child care, health clinic, social retail
- Evening student life: impromptu music, ball fields, video tournaments
- Staff consideration: supervision of activities, protection of campus equipment
- Possible increase in crime: concerns about women's safety (prepare a plan in advance), will increase crime rates on campus (a huge mistake)
- Family housing options
- Bring more public transit for students, faculty /staff
- Increased communications to students of events and resources
- Class offerings: more 4 year course offerings

Employment

- Employment nearby: work, live, learn on campus
- Campus jobs

Campus feel

- Campus feel: more engagement/ less transient, hang out/ more involvement
- More of a community feeling, year round
- Improved attendance and timeliness
- Will students want to graduate if they have to give up their housing on campus?



Changes in Circulation

The 2014 Master Plan Update proposes that an existing campus road be converted to a pedestrian zone, with the ability to be opened for special events at the PAC Theater. Pros and Cons to this proposal were evaluated by Charette participants.

<u>Pros</u>

Creates a more inviting campus space for the college community

Promotes a walking/energy-conscious, health conscious mentality

Safer pedestrian access without vehicular conflict

Not a main road; therefore little traffic impact

Could provide covered access

More visual appearing, more green

<u>Cons</u>

- Used by cars for access
- Provides drop off
- Campus address is Richmond; people will go to Richmond
- Change in circulation on parking may make people walk further in cold, rain, snow.



Retail and Commercial Uses	College Community Uses
Bookstore	• Day care
• Coffee shop (Starbuck)	Dental clinic
Convenience retail	Team building culinary kitchen
 Fast casual café 	Community gardens —*LovE;
 Clothing retail 	Amphitheater *.Bud
• Bank 🗸 👘	· Support for students (single parent) services
· Dry cleaner / Laundrymat	· Wellness CENTER/nursing staff
· Minute Clinic	CONFENCE BUILDING. NPUH
· Pharmacy	SPORTS FIFEDS PUTT
· Grocery Gas Station / Car wash.	· Safe place to hang out, Study, Gamming,
· BOWING ATTRY	some Noise allared + furniture
· BAR/PUB * Love *	· OUTDOOR GREEN SPACES W
· Shoel shop Shoe Shine Stand	TABLES, ETC
· Movie	· Hiking / Fitness trail w basic e
· Stort up Incu bator	· Hiking / Fitness trail u/ basic · Day Carl, Day Carl Day care
* HEALTHY ORGANIC FOOD	· MORE ACHLERIC IZAM CAPO
Hair Salon/ Barber Shop	*. Women's Center
· Mitchell's /Coldstone Creamery	
· Rieare's The Ream (Jopphint) · Internet Cafe/Study	, Start up Incubator . ESL Accelerator (RosinEntrial)
· SALon / SPA	Community job fairs/resources Cheat
	* Community GARDEN
· Laundry · Chinese Take- out	· Community FAIR
· + Rainin () dos for ex-offenders	· Study Lounge
- Shuttle to other computers (and nursed fin at the)	·LEBT Center
Smoothie/Juice Ba/GNC-type	· REPRODUCTIVE HEALTHCARE
I FARM Macket	affordable
· FARM Market-	· pharmacro
Re/axat	· Rike Trail
	R
	Jank
	Lelaxotion Area/Room (Quiet Meduration)

Retail and Community Uses

Charette participants were asked to comment on a list of potential commercial/retail and community uses to be incorporated into the Master Plan update. They were also asked to identify others that were not on the list.

Retail Uses

- Bookstore
- Coffee Shop (Starbucks)
- Convenience Retail
- Fast Casual Café'
- Clothing Retail
- Personal services:
 - Dry Cleaner/Laundromat
 - Minute Clinic/ Pharmacy
 - Bank
 - Hair Salon/Barber Shop
 - Salon/Spa
 - Shoe Shop/Shoe Shine Stand
- Entertainment
 - Bowling Alley
 - Bar/Pub
 - Movie
- Other retail/ restaurant
 - Grocery/Gas Station/Car Wash
 - Healthy/Organic Food
 - Mitchell's/Coldstone Creamery
 - Pierre's Bakery and Ice Cream (Hospitality)
 - Smoothie/Juice Bar/GNC-type
 - Farm Market
 - Internet Café/Study
 - Chinese Takeout
- Training/Jobs for ex-offenders
- Shuttle to other campuses (not necessarily free of charge)

College Community Uses

- Related to university programs
 - Day Care (noted many times)
 - Dental Clinic
 - Team Building Culinary Kitchen
- Outdoor spaces
 - Community Gardens
 - Amphitheater
 - Outdoor Green Spaces with Tables, Etc.
 - Hiking/Fitness Trail with basic equipment e.g. pull-up bars.
 - More Athletic Team Sports
 - Community Garden
 - Community Park
 - Sports Fields
 - Bike Trail
- Support services
 - Support Services for Students (Single Parent)
 - Study Lounge
 - LGBT Center
 - Reproductive Healthcare-affordable
 - Pharmacy
 - Safe place to hang out, study, gaming, Rec. Some noise allowed plus furniture
 - ESL Accelerator (Residential)
 - Wellness Center/Nursing Staff
 - Relaxation Area/Room (Quiet Meditation)
 - Women's Center
- Start-up Incubator
- Conference Building
- Space for Community Job Fairs/Resources (Health Fair)

	rieuse	e add other uses and comme	nt on all.
	Activity	College use	Community Use
1	Trails	Running, Walking, Stress relief SES. Undergrowth intromy convergences commung walking, asperty.	Local cross country team practice, Running, Walking, 5k fundraiser, Bicycling
2	Soccer Complex	Tri-C athletics practice and games; intramural sports.	After work league, Rent for soccer tournaments/ $\rho AR E I E \leq$
3)	Farmers Market	Plant science crop sales	Vendors on campus
		Culineary Rogram Supplies Incubator Kitchen for local-food- based businesses (student projects (w)Hospitality?)	CSA
Ð	Land Lab	Planting areas/arboretum Plantscience/Barlogy/Chemistry Community Cardon	Invite local schools community based learning Community Garden space tobe for to Ditto
5	Amphitheatre	Concerts, performance, play, music JAZZ-FEST	SUMMER CAMPS
•	Cathering Places	Picnic Tables, Bendes, Outdoon Study Oasis unden thees	Place to relax For STAFF TOO. Celebration PARtie:
	Coll R. Star	ADD under ground Tunnel System for Pedestrian Traffic.	
Ð	SAND VOLLEY BALL	Student athletics, Employee Term Building	Rec Leagues
B		BALL TEAM WR, RB'S, QB'S	
Ð	New Track COVERED PARKIN	Can rent out facility & host mayor notional competitions dall.	Ideal location with all Of the hotels # resamp

Open Space

The open space exercise asked participants to brainstorm outdoor activities for the campus and how they might be used by the College and the greater community.

ELEMENT	COLLEGE	COMMUNITY
Athletic uses		
Trails	 Running/ Walking Stress Relief Out of the weather connections 	 Local Cross Country Team Practice Running/ Walking 5k Fundraiser Bicycling
Soccer/Athletic Complex	 Tri-C athletics practice and games Intramural sports 	After work leagueRent for soccer tournaments/parties
New Track	Tri-C athletics practice and gamesIntramural sports.	 Rent out the facility and host major national competitions
Sand Volley Ball	Student athleticsEmployee Team Building	Recreation Leagues
Flag Football Softball/ Baseball Team	 Faculty/Student Teams 	Promotes alternative source for exercise
Outdoor swimming pool		
Tennis Courts		
Recreation		
Amphitheater	 Concerts, performances, Jazz Fest 	Summer Camps
Wellness		
Farmers Market	 Plant Science crop sales Culinary Program Supplies Incubator kitchen for local food-based businesses/student projects in Hospitality 	 Farmers/ Vendors on campus Community Supported Agriculture Pickup
Outdoor Gathering Spaces		
Covered Parking	 Add underground tunnel system for pedestrian traffic 	
Education		
Land Lab	 Planting areas/arboretum Invite local schools Plant science/Biology/Chemistry 	 Community-based learning Community Garden for Tri-C and also for neighborhood resident

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