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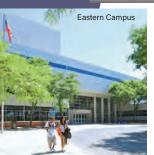
CHANCELLOR'S FOREWORD

It is my pleasure to present WCCCD's 2025-2029 capital improvement plan. WCCCD is in the fourth phase of an institutional transformation that started when the citizens of the district approved a millage increase in 2001 and the Pathways to the Future initiative was launched. During the past twenty-two years, we have advanced through three phases of institutional development which has resulted in the transformation of facilities on WCCCD's six campuses, the quality and scope of our career education programs, and the teaching and learning technologies available to our students and faculty. Now we are working with Pathways IV, which we have labeled the "New Day, New Way" period in recognition of the lessons we have learned about our communities, students, and WCCCD itself. Our society is entering the "next normal" and WCCCD will accelerate innovation and entrepreneurship at all levels of the District as we respond to rapidly changing demographic, educational, technological, conditions in the lives of the students, businesses, and communities that we serve.

We are grateful to the citizens of WCCCD's service area, the Michigan Legislature, and the Office of the Governor for their support during the past decades that has made possible the transformation of the buildings and sites of our five campuses. Since 2001, WCCCD has been transformed from a college with limited and poorly equipped facilities to today's beautiful, functional, and contemporary campuses. Our campuses and facilities are a source of pride and joy to our students, faculty, staff, and citizens. As we shape WCCCD's future during the post-COVID-19 era, our facility and site master planning will focus more on the repurposing, renovating, and expansion of existing buildings than on major new facility projects. Our facility planning will continue to take into consideration the changing educational needs of the citizens of the District; the impact of teaching, learning, and information technologies; and various societal factors.

Curtis L. Ivery, Chancellor

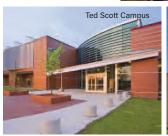














CHANCELLOR'S MESSAGE

It is my privilege to serve as the chancellor and chief executive officer of the Wayne County Community College District. I have been very appreciative of the positive partnership that I have had with the Michigan Legislature and the Office of the Governor during that time, and I look forward to continuing this partnership in the years ahead.

In this message to State of Michigan governmental

leaders, I will describe how WCCCD has applied the "lessons learned" from the COVID-19 pandemic and is "reimagining" the contours of WCCCD in the post-COVID era. This will include developing WCCCD as a "digital enterprise" in parallel with our well-established in-person and oncampus teaching and learning modalities. To become a digital enterprise, we will increase our capacity to deliver high-demand career education programs in the digital and technology employment sectors such as in the growing fields of digital/media communications, web design, digital technology, graphic design, social media, and digital marketing. Becoming a digital enterprise also means that we will advance virtual learning in all our career education, university transfer and general education, and workforce development and continuing education programs as well as in our student support services. This will include increasing our distance learning capability, learning technologies, digitally based pedagogies, instructional design, and faculty and staff professional development

programs. As well, WCCCD will grow as a community resource for schools,

businesses, and other organizations in areas such as videoconferencing,

video interviewing, technology-aided meetings, and video links to global resources.

I have indicated to the WCCCD administrators and staff that all program and facility development projects during Pathways to the Future IV, the next phase of WCCCD's transformation, will be viewed through an equity lens. African American and other students of color disproportionately experienced the hardships of COVID-19, and it is our commitment to apply the lessons we have learned from what our students have experienced as we shape WCCCD's programs and services in the Pathways IV "New Day, New Way" period. During this next phase, we will place increased emphasis on meeting the financial, food, housing, transportation, mental health, and other basic needs of students. We will focus on the needs of unique student populations such as racial minorities, working adult learners, returning citizens, unemployed persons, persons with limited physical capabilities, and dual enrollment high school students. A vital part of Pathways IV is the provision of programs and facilities designed to meet the career education needs of those marginalized students who would otherwise not have access to programs that lead to careers with family-sustaining incomes.

Curtis L. Ivery, Chancellor

EXECUTIVE SUMMARY

This updated five-year capital improvement plan describes the facilities needed by the Wayne County Community College District in the years and decades ahead to support present and future enrollment growth and to house the higher education and career advancement programs of the future. The plan outlines the major new facility construction, building renovation and retrofitting, and site development projects that will provide WCCCD with the physical resources necessary to serve the expanding higher education and career advancement needs of students, businesses, and communities in the college's service area.















Following is a summary of major capital improvement projects completed at WCCCD since 2001 and of projects that are underway and planned for the future:

A. MAJOR PROJECTS COMPLETED SINCE 2001

- 1. Emergency repair and urgent renovation projects (all campuses)
- 2. Michigan Institute for Public Safety Education (Downriver Campus)
- 3. Entrepreneurial Institute and Resource Center (Eastern Campus)
- 4. Educational Multipurpose Center (Ted Scott Campus)
- Information Technology Data Center (Curtis L. Ivery District Office Building)
- 6. Renovation and upgrading of science labs and other instructional spaces (all campuses)
- 7. Heinz C. Prechter Education and Performing Arts Center (Downriver Campus)
- 8. Mary Ellen Stempfle University Center (Grosse Pointes/Harper Woods location)
- 9. Relocation of Northwest Campus
- 10. Northwest Campus Larry K. Lewis Education Center
- 11. Expansion of the Mary Ellen Stempfle University Center with the Center for Learning Technology
- 12. Facility condition analysis and building systems upgrades.
- Curtis L. Ivery Health & Wellness Education Center (Curtis L. Ivery Downtown Campus)
- 14. Outdoor Training Center (repurposing of old Northwest Campus)
- 15. Renovation and repurposing of Northwest Campus Academic Administration Building for use by partner Detroit Police Department Police Academy

B. MAJOR PROJECTS CURRENTLY IN PROGRESS

- 1. Renovation and maintenance projects
- 2. Renovation and repurposing of Northwest Campus Academic Administration Building for use by partner Detroit Police Department Police Academy

C. MAJOR PROJECTS PLANNED FOR THE FUTURE

- Eastern Campus Repurposing and Upgrading Project (FY 2025 Capital Outlay Request)
- Center for Virtual Learning and Digital Careers (FY 2024 Capital Outlay Request)
- 3. Repurposing and renovation project Ted Scott Campus
- 4. Repurposing and renovation project Northwest Campus

D. FACILITY AND SITE DEVELOPMENT AREAS FOR EXPLORATION AND REVIEW OF OPTIONS

- Development of a Sustainability Program at WCCCD
 (Leadership in Energy and Environmental Design-LEED
 certification; green building standards for construction,
 renovation, and retrofitting; student involvement; environmental
 studies curriculum; recycling program; sustainability policies;
 sustainability advisory committee, etc.)
- 2. Options for designated spaces to house workforce development and continuing education programs
- Upgrading of technology-oriented instructional laboratories

 (e.g. information and computer technologies, business,
 manufacturing technology, and health education,
 implementation of an Advanced Technology Education Center
 at the Ted Scott Campus)

WCCCD AS AN OPEN-DOOR COLLEGE

A BRIEF OVERVIEW: Wayne County Community College District (WCCCD) is a comprehensive urban/metropolitan community college serving the City of Detroit and most of Wayne County, Michigan. As a comprehensive institution of higher education, WCCCD provides career education, university transfer and general education, workforce development and continuing education, developmental education, student support, and community engagement services. WCCCD is one of the largest community colleges in the United States, serving over 60,000 students, and is the only truly urban community college in Michigan. WCCCD is an open-door institution serving one of the most diverse student bodies of any community college in the nation. The term "open door" is a condensed expression of the democratic and egalitarian principles on which WCCCD is founded: the spirit of hope for a better life for all who seek it; the belief that talent and ambition are widely distributed in our society and not the province of a privileged few; the faith that persons from all walks of life can, through education, overcome barriers and achieve their career, academic, and other life goals; the devotion to an inclusive campus environment of acceptance, understanding, and caring; and the commitment to serve as a community-based educational resource for addressing problems that create barriers to student success such as poverty, unemployment, and racial isolation and discrimination. The open door is also an expression of all the ways that the WCCCD faculty and staff value, empower, and motivate students who bring to the college unique racial, ethnic, physical, lifestyle, and other perspectives.











HISTORY AND OVERVIEW

A BRIEF HISTORY: WCCCD recently celebrated the 50th anniversary of its founding, having been established by the Michigan Legislature in 1967 and opening its doors in 1969 (with a surprisingly large enrollment of about 6800 students). It is sometimes said that WCCCD arose from the ashes of the 1967 racial uprising in Detroit and, in fact, Governor George Romney did sign the legislation creating WCCCD very shortly after the uprising. The formation of WCCCD had its roots as early as 1960 as citizen groups, the Wayne County Intermediate School District, local governmental units, and the Detroit and Wayne County members of the Michigan Legislature sorted through various proposals until consensus was reached on creating a single county-wide community college. The Wayne County Government, New Detroit, Inc. (a citizenled body created to rebuild Detroit after the racial uprising), and the Michigan Legislature were instrumental in the early funding of the new community college. The Michigan Legislature authorized the issuance of bonds for the construction of facilities, and until the first buildings were constructed, WCCCD was a "college without walls" conducting classes in public school buildings and other available sites. At last, in 1992, citizens of the district approved the first property tax levy of 1.00 mil and for the first time the college had a dependable source of public revenue. As with fledgling urban community colleges across the country (Chicago, Miami, Los Angeles, Dallas, Cleveland, etc.), WCCCD had a rocky beginning as various political and community entities struggled to reach consensus on the best path ahead.

In 1995, Chancellor Curtis L. Ivery began his tenure as chancellor. In 1998, the term "District" was added to the college's name to reflect the college's multicampus structure and its services to a Wayne County geographic region of 32 townships and cities and nearly two million citizens. At a 1998 retreat, the Board of Trustees and Chancellor Ivery decided that it was essential to secure voter approval of an increased property tax levy to place WCCCD financially at parity with other Michigan community colleges. In November 2001, voters of the district approved a major millage increase of 1.5 mils creating a total millage rate of 2.5 mils. In 2018, the voters of the district expressed their strong support for WCCCD and their faith in the college's future by approving the replacement of temporary and expiring millages with a permanent (into perpetuity) millage levy of 3.5 mils. In 2002 the "Pathways to the Future" was launched by Chancellor Ivery as the guiding initiative to transform WCCCD career and academic programs, continuing education and workforce development programs, student support services, facilities, technologies, structures, and processes. Since 2002, WCCCD has proceeded through three phases of institutional transformation: Pathways I (2002-06): massive investment in new and renovated facilities, equipment, technology, and programs; Pathways II (2007-14): "Leading WCCCD to Enduring Excellence"—heightening the scope and quality of all major district functions; and Pathways III (2015-2020): focus on student success and completion. In 2021, WCCCD launched Pathways to the Future IV with an emphasis on positioning the district as a leader in talent development in support of regional economic growth; advancing the district's diversity, equity, and inclusion agenda; and moving forward with the district's student success and completion model.

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT AT A GLANCE

- Established by a vote of the citizens of the district in 1966; chartered by the Michigan Legislature in 1967; opened in fall 1969.
- Serves 32 cities and townships encompassing 500 square miles and nearly two million citizens in Wayne County,
 Michigan, including Detroit. The taxing district is Wayne County with the exception of the Henry Ford College and
 Schoolcraft College districts and the Highland Park Public School District.
- One of 28 community colleges in Michigan.
- Nine-member Board of Trustees elected from nine regions of the district.
- Six service locations: Downriver Campus (Taylor), Curtis L. Ivery Downtown Campus (Fort Street in downtown Detroit), Eastern Campus (Conner and Interstate 94 in eastern Detroit), Northwest Campus (Outer Drive and Southfield Road in northwest Detroit), Ted Scott Campus (Belleville), Mary Ellen Stempfle University Center and Center for Learning Technology (Grosse Pointe/Harper Woods area-Vernier Avenue), Outdoor Training Center (northwest Detroit).
- District Office: 801 West Fort Street, Detroit, Michigan 48226.
- General telephone number: 313-496-2600. Website: www.wcccd.edu
- Total credit and non-credit student enrollment: Over 60,000 students. Diverse student body with students from over sixty countries. More than 70 percent of WCCCD's students receive some form of financial aid or assistance.
- Degrees: Associate of Arts, Associate of Science, Associate of Applied Science, and Associate of General Studies.
 More than 80 career education and university transfer programs and about 50 one-year certificate programs.
- Distance education modalities include online, interactive television, and live interaction online.
- 2023-2024 General Fund Operating Budget: \$124,411,405. Major sources of funding: district-level property tax levy,
 State of Michigan appropriations, student tuition and fees, federal and state grants and private contributions.



MISSION • VISION • STRATEGIC GOALS







Wayne County Community College District Mission, Vision, Values and Functions Statement

MISSION WHY WCCCD EXISTS

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT'S MISSION is to empower individuals, businesses, and communities to achieve their higher education and career advancement goals through excellent, accessible, culturally diverse, and globally competitive programs and services.

VISION THE FUTURE TOWARD WHICH WCCCD IS MOVING

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT'S VISION WCCCD will be known as a premier community college and innovator in the areas of high quality academic and career education, talent development in support of regional economic growth, diversity and inclusion, and technological advancement.

VALUES WHAT BELIEFS ARE IMPORTANT TO WCCCD

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT ABIDES BY THE VALUES OF:

- Excellence in Teaching and Learning
 Diversity
- Serving the Common Good
- Accountability

Integrity

FUNCTIONS WHAT WCCCD DOES TO CARRY OUT ITS MISSION

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT FULFILLS ITS MISSION BY CONDUCTING THESE EDUCATIONAL FUNCTIONS:

- Career Education
- Workforce Development and Continuing Education
- Student Services

- University Transfer and General Education
- Developmental Education
- Community Engagement

2022-2026 STRATEGIC PLAN GOALS STRENGTHENING STUDENT SUCCESS

Goal 1: -

Expansion of Student Success Initiatives and Opportunities

WCCCD will increase student success through expansion of student-centered support services, initiatives, and partnerships.

Goal 2: -

Strengthen Curriculum Development and Effectiveness

WCCCD will develop curricular and co-curricular services that respond to dynamic student educational needs and regional economic development needs.

Goal 3:

Promotion of Operational Systems

WCCCD will promote operational excellence within its systems, services, and programs by expanding continuous quality improvement processes.

Goal 4: -

Development and Management of Institutional Resources

WCCCD will increase its capacity to meet changing student, business, and regional educational needs through the advancement of sustainable human, financial, physical, and technological resources.

Goal 5:

Advancement of Workforce Development, Community Partnerships, and Engagement

WCCCD will advance institutional community engagement and workforce development initiatives that position the District as a premier resource for community and workforce development.

INSTRUCTIONAL PROGRAMMING









Wayne County Community **College District** (WCCCD) is committed to developing and delivering innovative programs to meet the educational needs of students, businesses, and communities.

OVERVIEW OF INSTRUCTIONAL PROGRAMS

WCCCD's curriculum includes over eighty university transfer and career education associate degree programs, about fifty certificate programs in specific career fields, basic literacy skills courses (developmental education), and a wide variety of noncredit workforce development and continuing education programs. These offerings are provided through a variety of in-person, online, and hybrid teaching and learning modalities. The dual enrollment program, a partnership with regional school districts, makes these offerings accessible to high school students. As well, WCCCD hosts baccalaureate programs at its University Center. Descriptions of these categories of instructional programming are as follows:

Career Education: WCCCD offers associate degree programs, certificate programs, and individual courses that prepare students for entry-level employment and career advancement.

University Transfer and General Education: WCCCD offers associate degree courses and programs that transfer to baccalaureate-level colleges and universities. These courses also support career education programs and provide opportunities for individual growth in academic areas such as communications, the humanities, mathematics, the sciences, languages, the social sciences, and business.

Workforce Development and Continuing Education: WCCCD provides non-credit customized job training services in cooperation with business, education, government, labor, and non-profit organizations. WCCCD offers non-credit short-term programs and courses designed for the personal growth of participants in areas such as cultural enrichment, computer skills, recreation, personal finance, and basic occupational and literacy skills.

Developmental Education: WCCCD offers basic courses that provide students with the reading, writing, mathematics, computer, and study skills needed for collegiate and career entry and success.

Hosting Baccalaureate Programs: WCCCD's University Center hosts advanced education programs offered by baccalaureate-level colleges and universities. These programs empower WCCCD students and other citizens to continue their education beyond the associate degree level and earn a baccalaureate degree in a familiar, supportive, and convenient environment.

New programs added over the last year include:

- 8 Automotive certifications
- Physical Therapy Assistant
- Computer Numerical Control
- Radiologic Science
- Fashion Design
- Registered Nurse Bridge
- Robotics and Automation Technology

WCCCD takes pride in the quality of its faculty and their commitment to the success of their students. This commitment is expressed in the following value statement approved by WCCCD's Board of Trustees; Supporting Excellence in Teaching and Learning, we value and support effective teaching and learning. We are committed to excellence in teaching and learning as defined by high standards for student learning outcomes. We are committed to providing a supportive, caring, safe, and responsive learning environment for students that will maximize their opportunity for academic and career success. We value our faculty and staff as productive contributors to the future of the college and its students.

WCCCD's School of Continuing Education and Workforce Development designs and delivers innovative non-credit programs and courses that address the diverse needs of the community. Courses and workshops are offered to assist professionals in meeting the mandatory continuing education requirements for certification such as State Board Continuing Education Units (SB-CEU) for licensure. Through the School of Continuing Education, the District also provides personal enrichment and leisure courses specifically designed to meet the learning needs of our students. These courses are designed for personal growth and development, or the attainment of personal goals.

The Center for Learning Technology develops and offers credit and non-credit programs through distance teaching/learning modalities such as on-line, hybrid on-line and in-class, interactive TV, web-assisted courses, and other modalities in which instruction is mediated through technology. Distance education is the fastest growing instructional sector at WCCCD.

WCCCD operates one of the largest dual enrollment programs in the state in partnership with regional school districts. Through this program, high school students earn both high school and college credit, thus accelerating their educational progress.





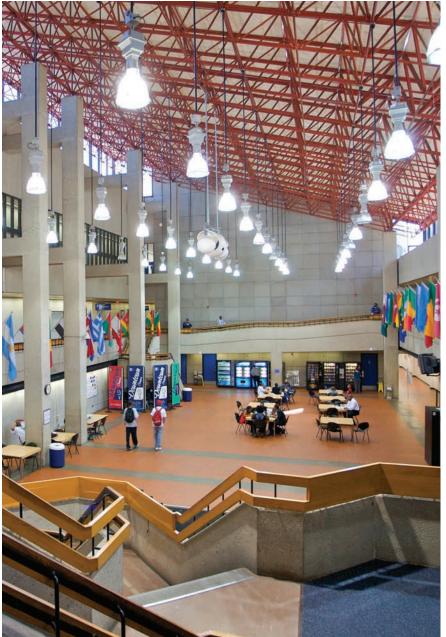








STAFFING AND ENROLLMENT



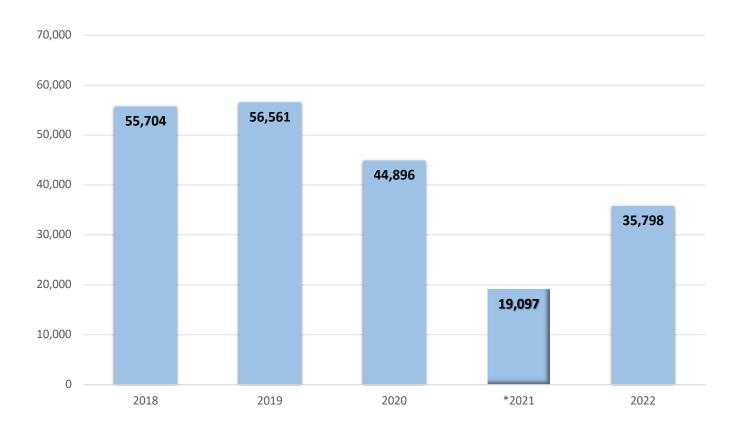






DISTRICT CREDIT AND NON-CREDIT ENROLLMENT

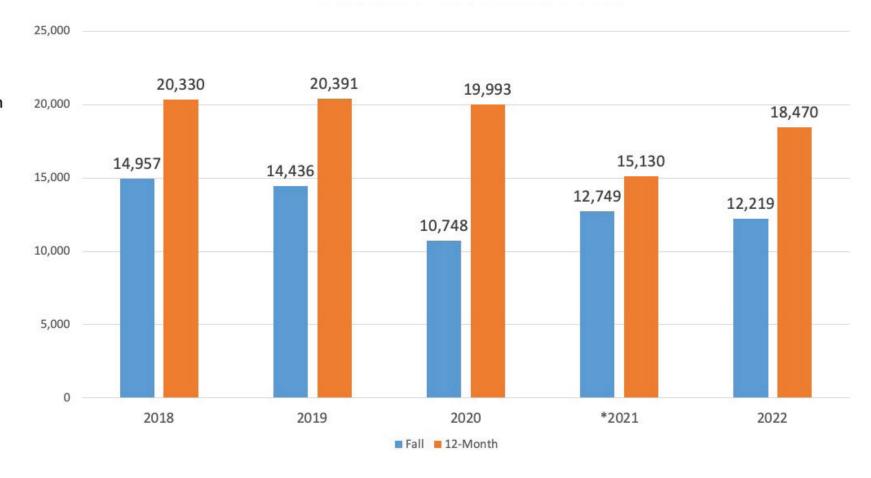
WCCCD continues to adapt with the "new normal" following the onset of the COVID-19 pandemic. Like all American community colleges, WCCCD established a new baseline to evolve with higher education trends.



^{*} Much like all Michigan community colleges, there was a notable decline in 2021 enrollment due to the COVID-19 pandemic. WCCCD anticipated this enrollment decline and continues to stabilize as predicted. However, the district continues to examine its resources and business models to determine effective benchmarks and projections in order to maintain sustainability and productivity.

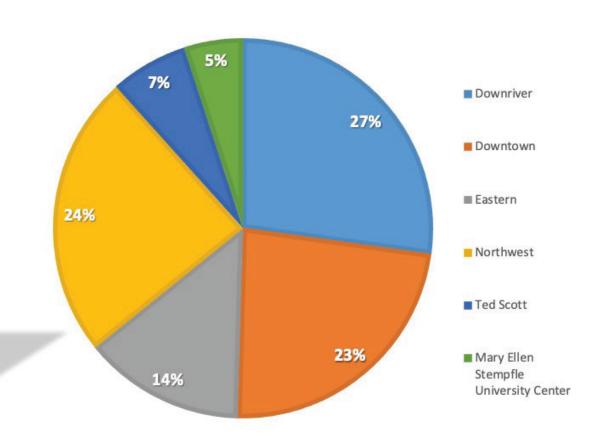
ACADEMIC ENROLLMENT TRENDS

*WCCCD Fall and 12-month academic enrollment continues to stabilize following an anticipated decline from COVID.



DISTRICT-WIDE ENROLLMENT CREDIT AND NON-CREDIT (DUPLICATED)

- Average age of WCCCD students is 32.
- > 66% are Female.
- With 88% taking 11 or less credits (part-time).
- Approximately 36% enroll in at least one distance learning course.
- The Top Career Technical Programs:
 - Nursing
 - Business Administration
 - Computer Information Systems (CIS)
 - CIS: Cybersecurity
 - Dental Hygiene





WCCCD July, 2023 District Staffing					
Staff Position Title	Group Total				
Support Staff - Part Time	5				
Support Staff - Full Time	73				
Senior Management	12				
Mid-Management - Full Time	44				
Mid-Management - Part Time	8				
Adjunct Faculty	525				
Faculty - Full Time	70				
Security - Full Time	34				
Security - Part Time	34				
Pathways Temporary Staff*	249				

Grand Total	1054

(Unaudited)

Recognizing that the transformation of programs, services and systems could not be achieved through the resources of a limited permanent staff the District installed a dual structure which involved adding a temporary full-time staff, part-time staff and contract employees to jumpstart a variety of high priority initiatives. The dual structure interacts with the permanent structure through the Office of the Chancellor and the senior executive team.

FACILITY ASSESSMENT

















FACILITY DESCRIPTIONS

CAMPUS DESCRIPTIONS

DOWNRIVER CAMPUS:

Located on approximately 100 acres of former farmland and woods at 21000 Northline Road in Taylor, Michigan, the Downriver Campus was completed in 1978, and includes a 7-acre woodland preserve. In 2005, the District constructed the Michigan Institute for Public Safety Education (MIPSE) a state-of-the-art, 10-acre facility, which houses a 5-story fire training tower, a 12,000 square-foot training center, a 50,000 square-foot driver training area, and a man-made lake for water rescue simulations. The MIPSE facility also includes simulators for aircraft, vehicle, and ship rescue missions. Construction of the Heinz C. Prechter Educational and Performing Arts Center was completed in early 2010. This facility includes an 800 seat multipurpose auditorium with full stage and scenery loft.

CURTIS L. IVERY DOWNTOWN CAMPUS:

Constructed in 1979, this 11-acre campus was originally the site of the Penn Central Railroad Station near the Detroit River. The campus was built around the existing facility resulting in a complex totaling 180,000 square feet. The Curtis L. Ivery Downtown Campus is adjacent to the Curtis L. Ivery District Office Building separated by a landscaped courtyard over the US-10 freeway. The Curtis L. Ivery Health and Wellness Education Center completed in the fall of 2019 is part of this campus complex.

EASTERN CAMPUS:

The Eastern Campus was completed in 1982 occupying 26 acres at the corner of Conner Road adjacent to I-94. The 192,000 square foot building supports general and career technical instruction along with the CVS Regional Training Center, Workforce Development Career Center and entrepreneurial programs. The Eastern Campus serves the eastside of the City of Detroit, the five Grosse Pointes and the cities of Hamtramck and Harper Woods.

MARY ELLEN STEMPFLE UNIVERSITY CENTER:

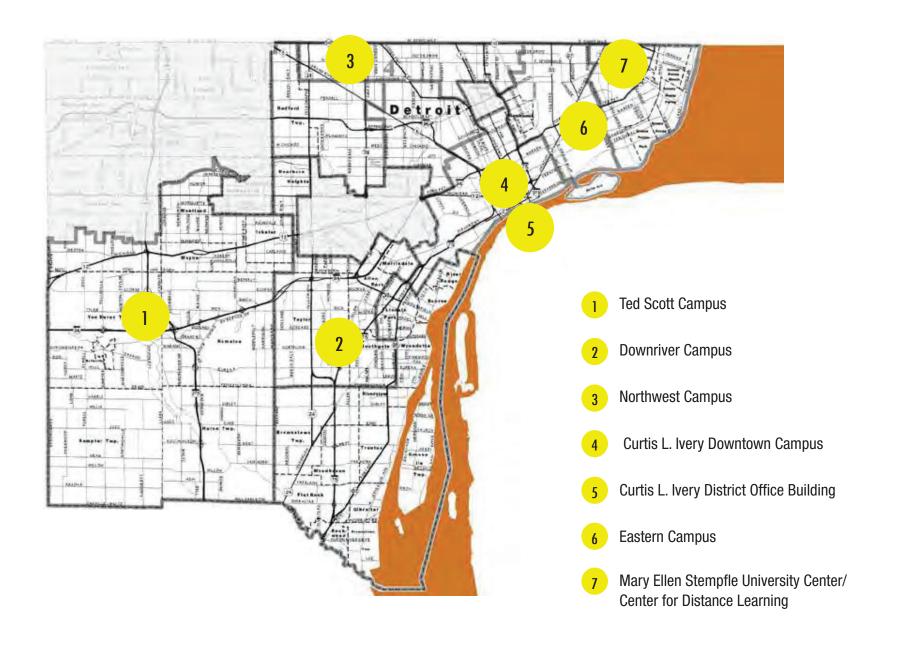
The Mary Ellen Stempfle University Center is a 22,000 square foot facility on 3.2 acres in Harper Woods which opened in 2008. An adjacent 12,000 square foot Center for Learning Technology opened in 2014. These regional center facilities offer community college courses as well as courses offered by partner universities or colleges leading to baccalaureate and masters degrees. The facilities contain general use classrooms, technology labs, interactive television (ITV) labs, science lab, TV production studio, student support services, and faculty office areas.

NORTHWEST CAMPUS:

The Northwest Campus is located on a 32 acre site at West Outer Drive and Southfield. The Northwest Campus has six buildings: Denise Wellons-Glover Welcome Center; Larry K. Lewis Education Center, General Arts Building; Laboratory Science Building; Academic Administrative Building; and Health Sciences Center. The campus serves as the center for the Health Sciences in the District and supports classrooms and labs for Dental Hygiene, Dental Assisting, Dental Laboratory Technology, Dietetics, Nursing, Emergency Medical Technology, Surgical Technology and Phlebotomy. The Larry K. Lewis Education Center houses a Student Services Center which provides a one-stop-shop atmosphere to aid in activities from enrollment to advising and financial aid. Classrooms and Instructional Labs in this facility support not only the Health Sciences but other career and technical programs in high demand such as Childcare, Computer Information Systems, Criminal Justice/Corrections, Law Enforcement, Food Service Management, and Pre-Service Education/Urban Teaching. The Denise Wellons-Glover Welcome Center is recently renovated. The project entailed complete environmental remediation and selective interior demolition of a 38,000 sq. ft. area for a corporate sized conference center, two banquet area spaces accomodating up to 500 people, a commercial kitchen for culinary arts program instruction as well as new classroom and administrative office space. The four existing restrooms and two elevators are fully renovated along with removal/replacement of all window glass/glazing.

TED SCOTT CAMPUS:

The Ted Scott Campus is located on 117 acres north of the Haggerty Road/Interstate 94 intersection in Belleville. This campus was completed in 1981, and a large portion of the site remains in its natural wooded state. A 43,000 square foot expansion of the campus was completed in 2008 featuring state of the art computer labs, a large multi-purpose room, 100-seat lecture hall, and additional technical career program space.



				W	CCCD	Square	Foota	ge Use	Distrib	ution 2	2023				
1	Building	Floor Level	Classroom 100	Lab 200	Computer Lab 220	Office 300	Library 400	Phys. Ed. 500	Assembly/ Exhib. 600	Child Care 640	Support 700	Total Assign SF	Unassigned SF	Gross SF	Bldg Total SF
	Main Bldg	1	13,419	58,302	5,034	8,311	9,117		35,760		7,500	137,443	50,966	188,409	
Downriver		2	21,594			9,473			4,691		1,341	37,099	20,155	57,254	
Campus	MIPSE Bldg	1	2,104	5,835		1,408			441		1,903	11,691	715	12,406	
															258,069
		1	9,899	12,279		3,098			9,163		523	34,962	18,844	53,806	
	Curtis L. Ivery Downtown	2	5,706	783	6,758	14,108	15,533		3,080	4,718	3,237	53,923	24,614	78,537	
Curtis L.	Campus	3	11,809	11,410		1,367						24,586	21,111	45,697	
lvery Central															178,040
Education	Curtis L. Ivery Health &	1	2,663			1,789		23,504	1,698		2,755	32,409	14,837	47,246	
Complex	Wellness Educ.	2	3,966			746		14,880	1,063		56	20,711	4,717	25,428	
	Center														72,674
															250,714
		1	2,543	48,899		9,729	7,028		13,384		5,979	87,562	27,127	114,689	
Eastern Car	ampus	2	16,585	725	2,490	2,720					266	22,786	14,505	37,291	
Luoto oui		3	12,957	5,645		2,437						21,039	12,980	34,019	
															185,999
	Denise Wellons-	Lower	3,905			1,160	11,310		1,764		4,057	22,196	14,024	36,220	
	Glover Welcome	1				10,735			9,286		2,090	22,111	14,109	36,220	
	Center	2	1,848			329			27,170		2,048	31,395	9,505	40,900	
															113,340
	Lab Science Bldg	Lower	4,281	7,930		759					900	13,870	8,538	22,408	
		1		7,141		492					92	7,725	4,357	12,082	
															34,490
	Gen. Arts Bldg	Lower	6,588		3,727	6,829					1,092	18,236	11,359	29,595	
		1	17,309			1,713					1,817	20,839	11,001	31,840	
		2	9,392	1,829		2,094						13,315	4,288	17,603	
															79,038
Northwest	Health Science	1	2,217	17,179	1,954	3,157					3,598	28,105	16,655	44,760	
Campus		2	2,036	3,278		1,513					77	6,904	4,042	10,946	
															55,706
	Acad. Admin. Bg	Lower				1,164					1,829	2,993	7,402	10,395	
		1				5,335			1,667		2,392	9,394	4,002	13,396	
		2				9,403						9,403	3,993	13,396	
		3				9,403						9,403	3,993	13,396	
		4				9,403						9,403	3,993	13,396	20.070
	Larry K. Lewis Education Center		0.000	F 001	4.405	4 550					4.040	47.000	00.440	00.400	63,979
		2	3,296 8,089	5,821	4,495	1,559					1,849 949	17,020	22,119	39,139	
		3		1,112 482	3,334							13,484	11,475	24,959 24,959	
		_ <u> </u>	8,719	462	2,662						1,468	13,331	11,628	24,959	89,057
															435,610
		1	3,700	29,602	3,540	10,850	7,339		26,775	3,030	2,856	87,692	35,295	122,987	400,010
Ted Scott C	Campus	2	23,473	15,483	21,313	7,132	1,339		26,775 965	3,030	1,323	69,689		81,211	
. 55 50011 0			23,413	10,463	۷۱,۵۱۵	1,132			900		1,323	09,089	11,022	01,211	204,198
Mary Ellen S	Stompflo	1	7,812	1,649	1,290	2,662			777		220	14,410	4,623	19,033	204,100
	enter / Center	1	3,588	684	1,050	1,212			1,080		220	7,614	4,581	12,195	
for Distance			3,300	004	1,000	1,212			1,000			1,014	4,301	12,193	31,228
	- All Campuses										l		<u>I</u>	l	1,365,818
Janu Iulai	- All Campuses														1,505,010

OUTLINE OF SPACE USE CODES

ASSIGNABI	LE AREA	555	Demonstration Service
		560	Field Building
100 Classroo	m Facilities	570	Animal Facilities
110	Classroom	575	Animal Facilities Service
115	Classroom Services	580	Greenhouse
		585	Greenhouse Service
200 Laborate	ory Facilities	590	Other (All Purpose)
210	Class Laboratory		
215	Class Laboratory Service	600 General	Use Facilities
220	Open Laboratory	610	Assembly
225	Open Laboratory Service	615	Assembly Service
250	Research/Nonclass Laboratory	620	Exhibition
255	Research/Nonclass Laboratory Service	625	Exhibition Service
	15.0	630	Food Facility
300 Office Fa	acilities	635	Food Facility Service
310	Office	640	Day Care
315	Office Service	645	Day Care Service
350	Conference Room	650	Lounge
355	Conference Room Service	655	Lounge Service
		660	Merchandising
400 Study Fa	cilities	665	Merchandising Service
410	Study Room	670	Recreation
420	Stack	675	Recreation Service
430	Open-Stack Study Room	680	Meeting Room
440	Processing Room	685	Meeting Room Service
455	Study Service		AND
	Destrocation of the control of the c	700 Support	Facilities
500 Special U	Use Facilities	710	Central Computer or Telecommunications
510	Armory	715	Central Computer or Telecommunications Service
515	Armory Service	720	Shop
520	Athletic or Physical Education	725	Shop Service
523	Athletic Facilities Spectator Seating	730	Central Storage
525	Athletic or Physical Education Service	735	Central Storage Service
530	Media Production	740	Vehicle Storage
535	Media Production Service	745	Vehicle Storage Service
540	Clinic	750	Central Service
545	Clinic Service	755	Central Service Support
550	Demonstration	760	Hazardons Materials Storage

Hazardous Waste Storage 770 775 Hazardous Waste Service 780 Unit Storage 800 Health Care Facilities 810 Patient Bedroom 815 Patient Bedroom Service 820 Patient Bath 830 Nurse Station 835 Nurse Station Service 840 Surgery 845 Surgery Service Treatment/Examination Clinic 850 855 Treatment/Examination Clinic Service Diagnostic Service Laboratory 860 Diagnostic Service Laboratory Support 865 870 Central Supplies 880 Public Waiting

900 Residential Facilities

890

895

910 Sleep/Study Without Toilet or Bath

Staff On-Call Facility Service

- 919 Toilet or Bath
- 920 Sleep/Study With Toilet or Bath

Staff On-Call Facility

- 935 Sleep/Study Service
- 950 Apartment
- 955 Apartment Service
- 970 House

000 Unclassified Facilities

- 050 Inactive Area
- 060 Alteration or Conversion Area
- 070 Unfinished Area

NONASSIGNABLE AREA

WWW Circulation Area

W01 Bridge/Tunnel

W02 Elevator

W03 Escalator

W04 Loading Dock

W05 Lobby

W06 Public Corridor

W07 Stairway

XXX Building Service Area

X01 Custodial Supply Closet

X02 Janitor Room

X03 Public Rest Room

X04 Trash Room

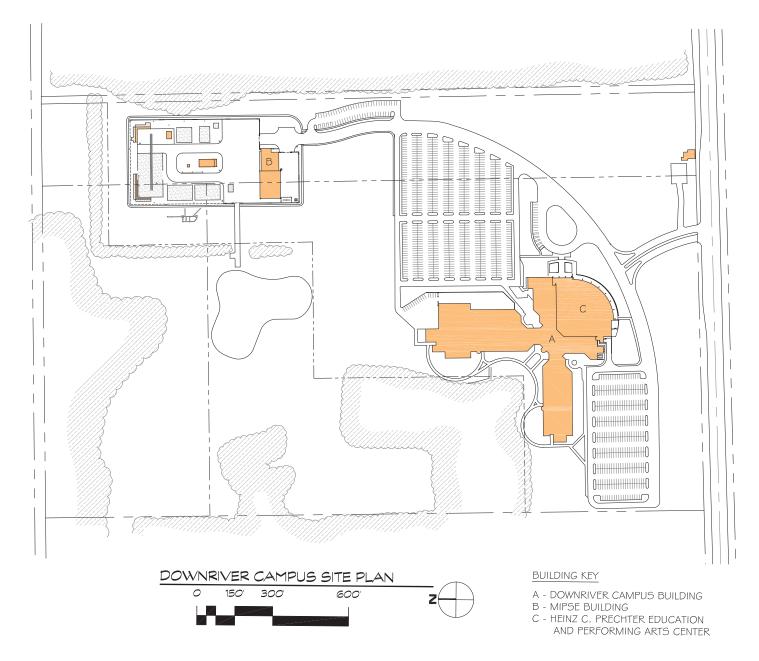
YYY Mechanical Area

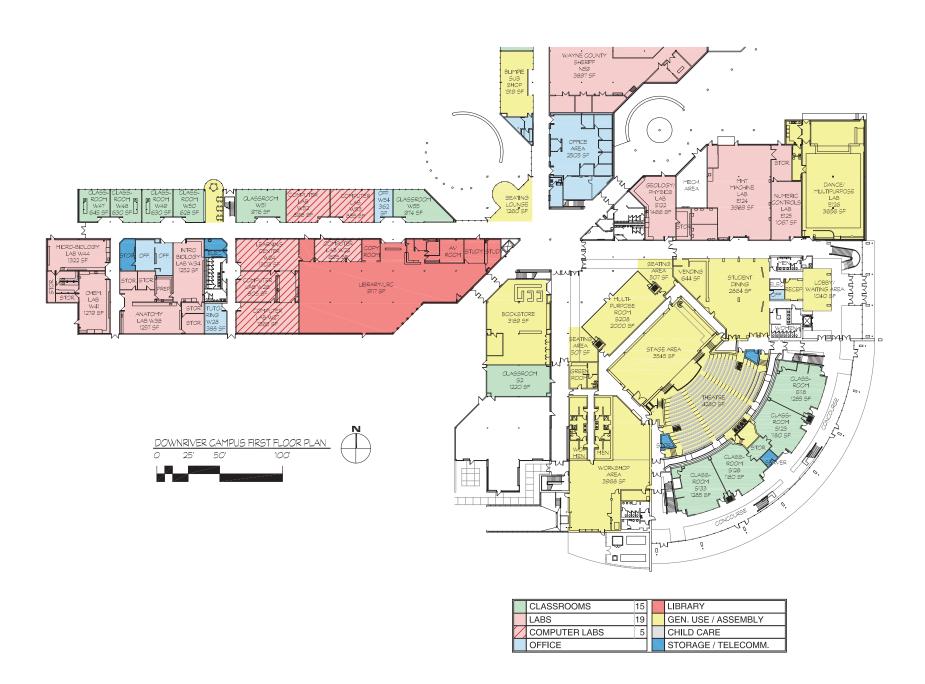
Y01 Central Utility Plant

Y02 Fuel Room

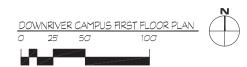
Y03 Shaft

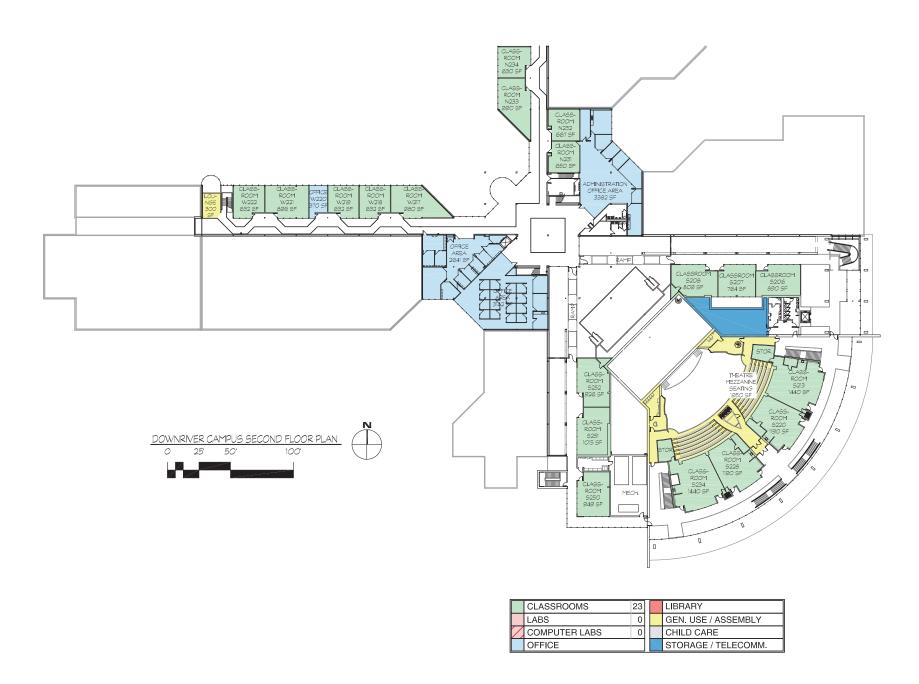
Y04 Utility/Mechanical Space

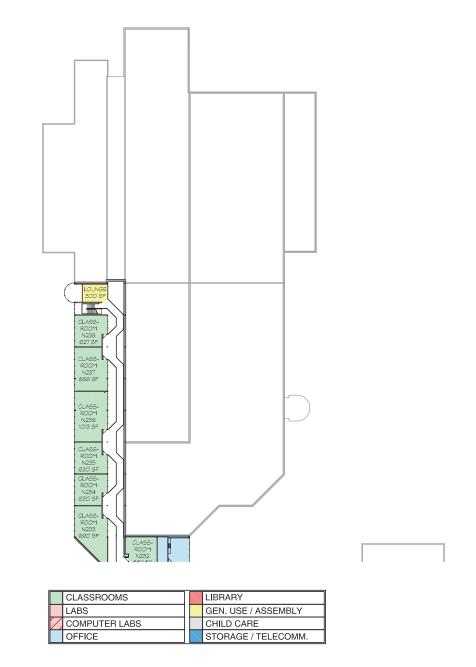










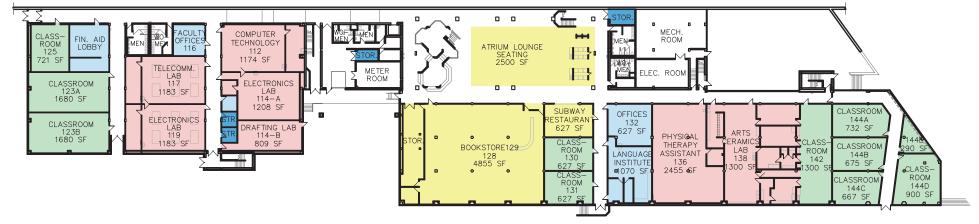






0 | 16' | 32' | 64' | N SCALE: | 1/32" = | 1'-0"

	CLASSROOMS	2	LIBRARY
	LABS	1	GEN. USE / ASSEMBLY
\mathbb{Z}	COMPUTER LABS		CHILD CARE
	OFFICE	STORAGE / TELECOMM.	





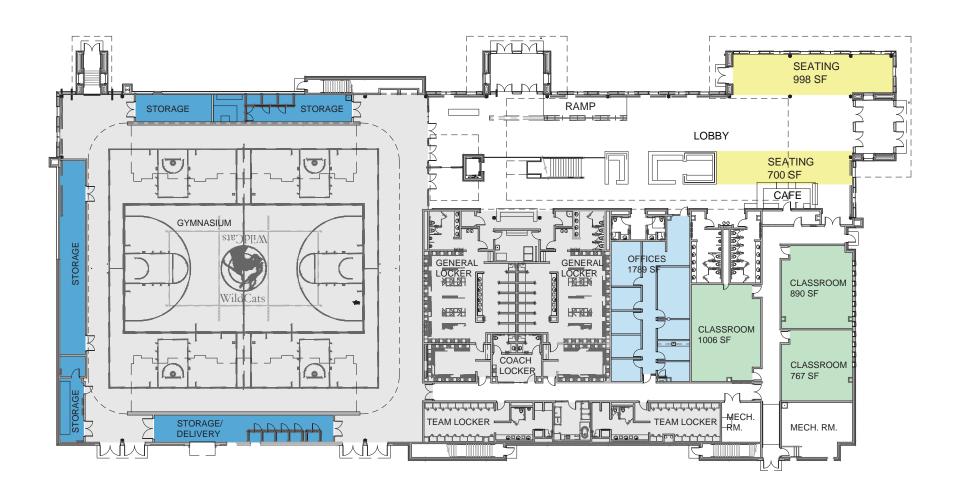
CLASSROOMS	11	LIBRARY
LABS	7	GEN. USE / ASSEMBLY
COMPUTER LABS	0	CHILD CARE
OFFICE		STORAGE / TELECOMM.







CLASSROOMS	16	LIBRARY
LABS	8	GEN. USE / ASSEMBLY
COMPUTER LABS	0	CHILD CARE
OFFICE		STORAGE / TELECOMM.

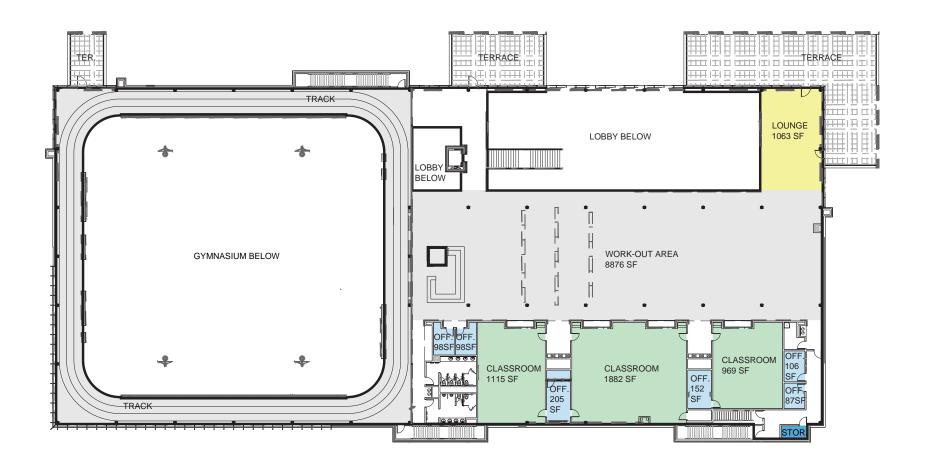


Curtis L. Ivery Health and Wellness Education Center - First Floor Plan





CLASS	ROOMS	3	LIBRARY
LABS			GEN. USE / ASSEMBLY
COMPL	ITER LABS		CHILD CARE
OFFICE			STORAGE / TELECOMM.
			PHYSICAL EDUCATION



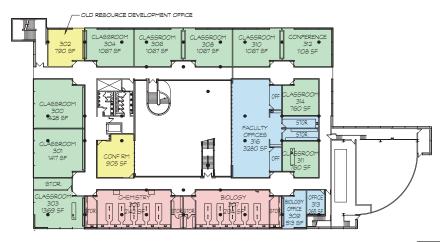
Curtis L. Ivery Health and Wellness Education Center - Second Floor Plan



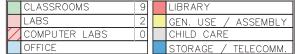


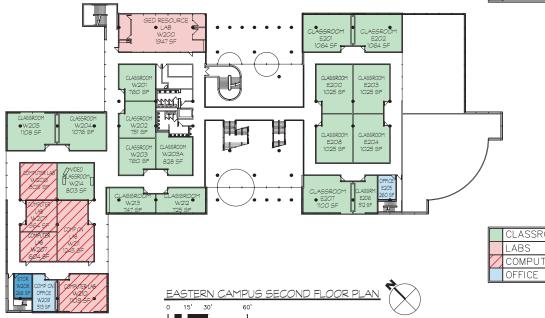
CLASSROOMS	3	LIBRARY
LABS		GEN. USE / ASSEMBLY
COMPUTER LABS		CHILD CARE
OFFICE		STORAGE / TELECOMM.
		PHYSICAL EDUCATION



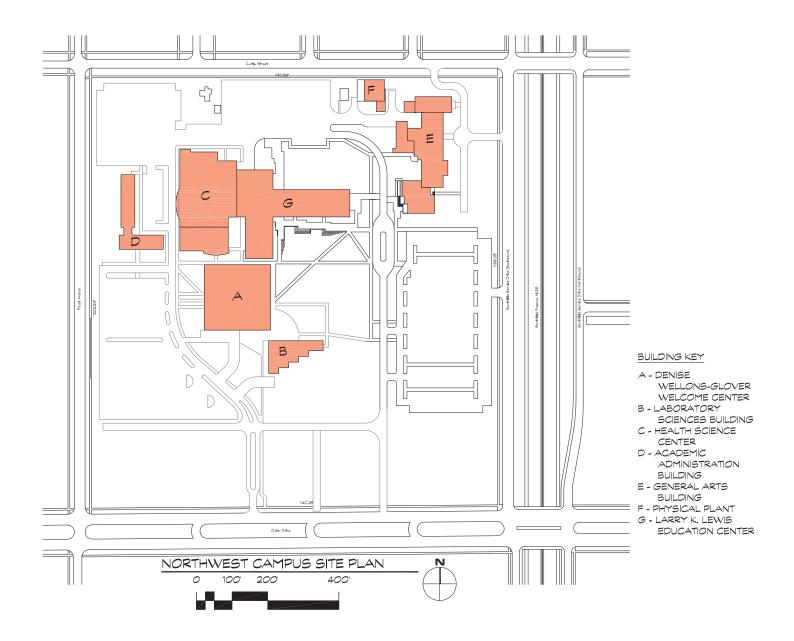


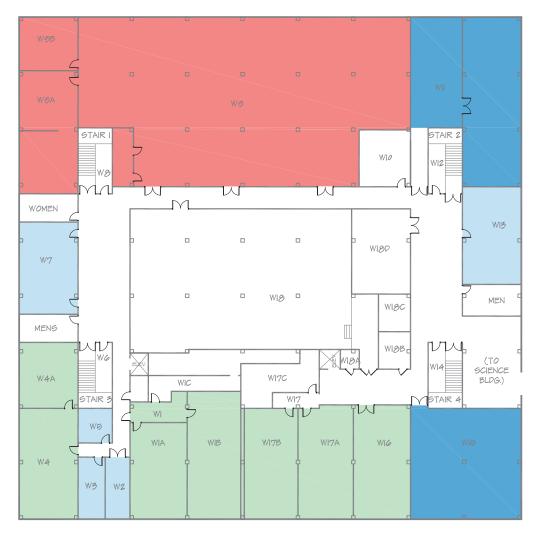






CLASSROOMS	18	LIBRARY
LABS	0	GEN. USE / ASSEMBLY
COMPUTER LABS	5	CHILD CARE
OFFICE		STORAGE / TELECOMM.







CLASSROOMS	6	LIBRARY
LABS	0	GEN. USE / ASSEMBLY
COMPUTER LABS	0	CHILD CARE
OFFICE		STORAGE / TELECOMM.

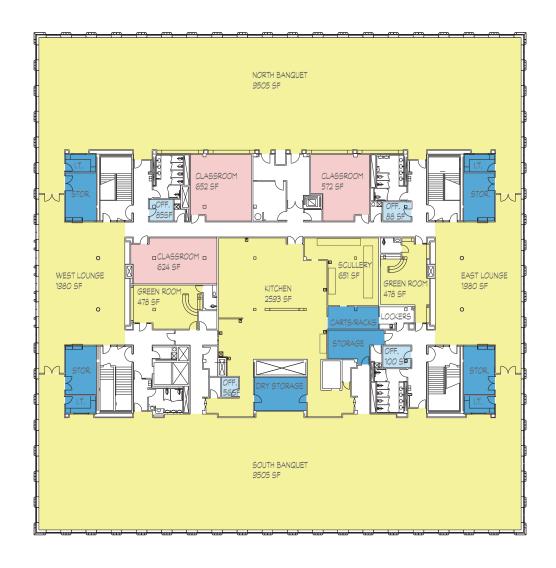


COMPUTER LABS

OFFICE

CHILD CARE

STORAGE / TELECOMM.



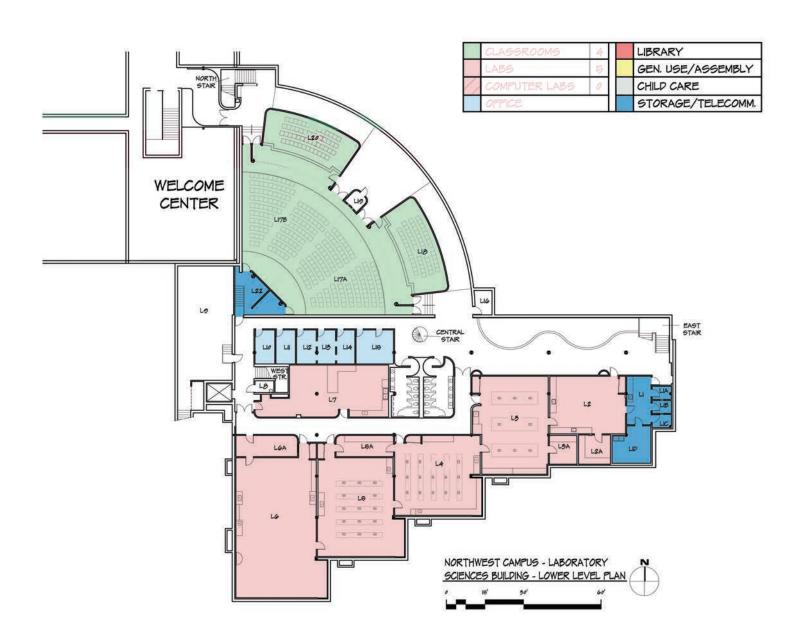


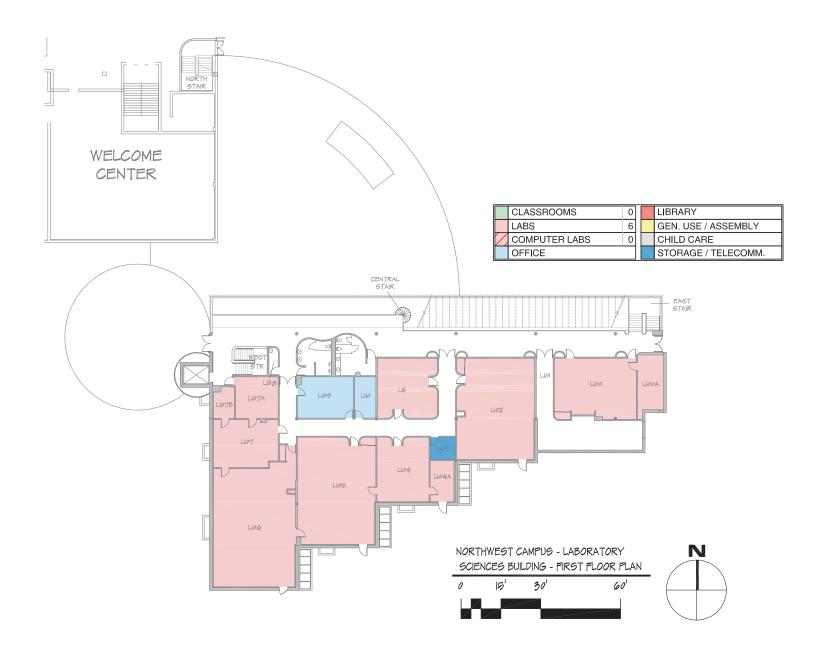
NORTHWEST CAMPUS - DENISE WELLONS-GLOVER WELCOME CENTER SECOND FLOOR PLAN





CLASSROOMS	3	LIBRARY
LABS	0	GEN. USE / ASSEMBLY
COMPUTER LABS	0	CHILD CARE
OFFICE		STORAGE / TELECOMM.



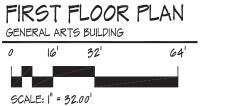






CLASSROOM	S 8	LIBRARY
LABS	0	GEN. USE / ASSEMBLY
COMPUTER L	ABS 4	CHILD CARE
OFFICE		STORAGE / TELECOMM.

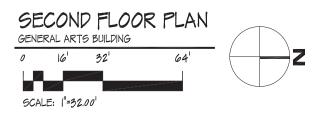






CLASSROOMS	13	LIBRARY
LABS	3	GEN. USE / ASSEMBLY
COMPUTER LABS	0	CHILD CARE
OFFICE		STORAGE / TELECOMM.





CLASSROOMS	11	LIBRARY
LABS	2	GEN. USE / ASSEMBLY
COMPUTER LABS	0	CHILD CARE
OFFICE		STORAGE / TELECOMM.





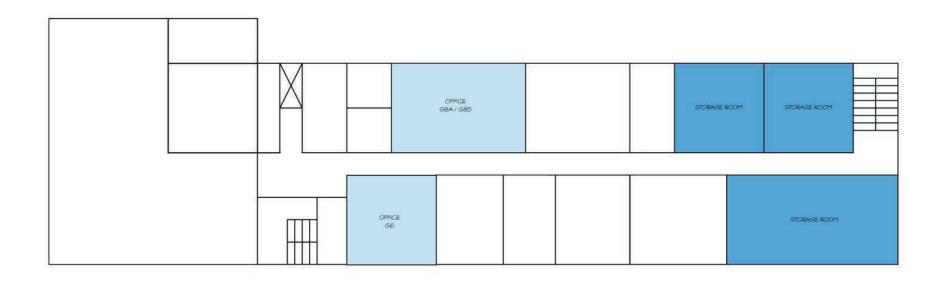






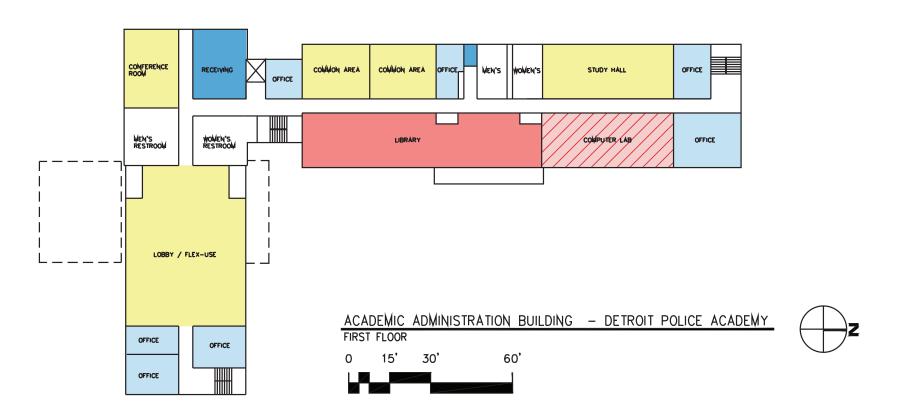


CLASSROOMS	9	LIBRARY
LABS	0	GEN. USE / ASSEMBLY
COMPUTER LABS	1	CHILD CARE
OFFICE		STORAGE / TELECOMM.

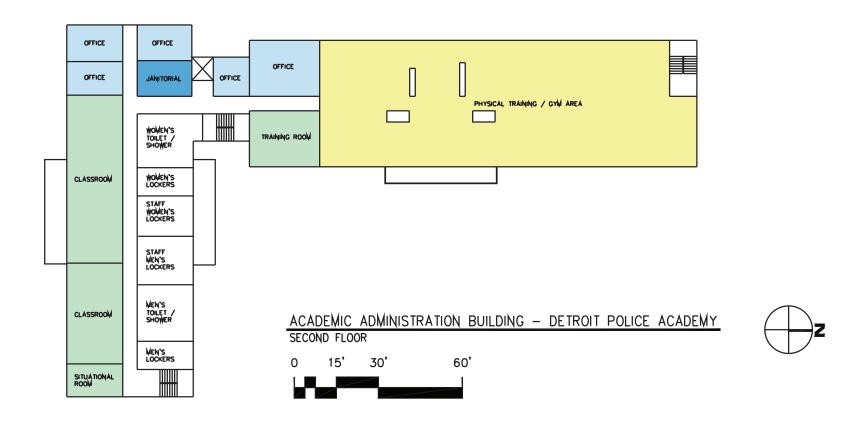




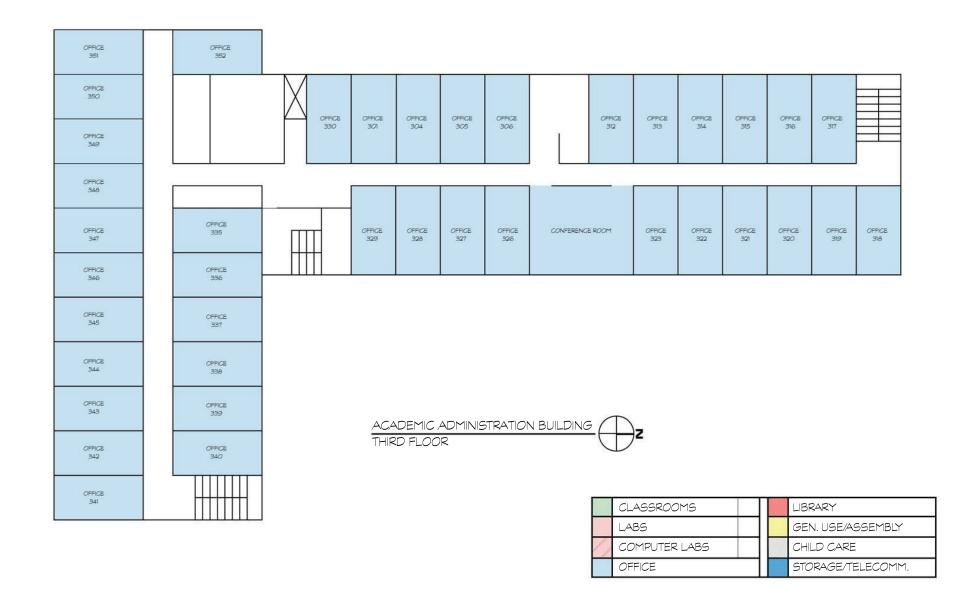
	CLASSROOMS		LIBRARY
	LABS		GEN. USE/ASSEMBLY
//	COMPUTER LABS		CHILD CARE
	OFFICE		STORAGE/TELECOMM.



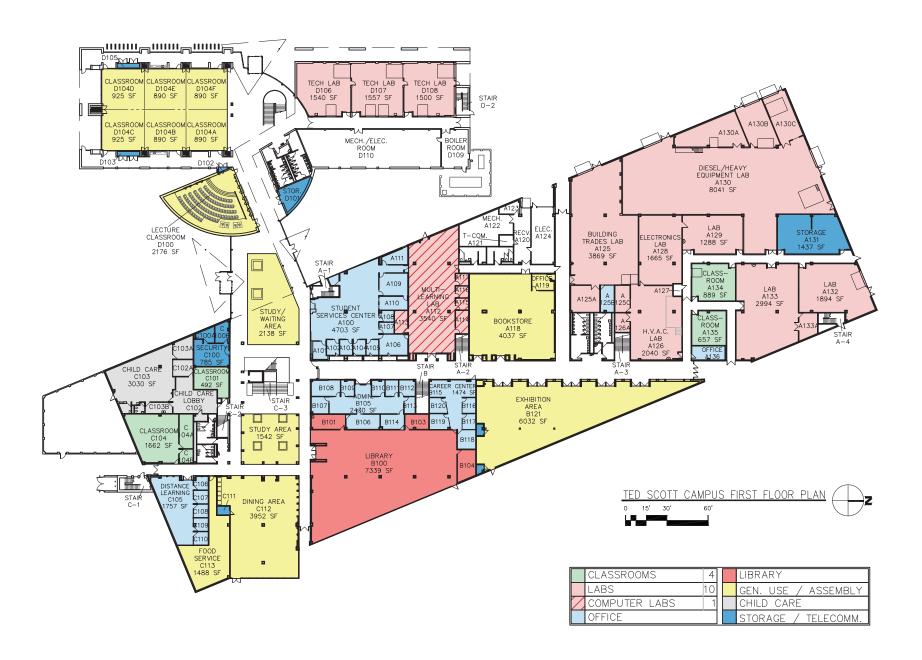
CLASSROOMS	0	LIBRARY
LABS	0	GEN. USE / ASSEMBLY
COMPUTER LABS	1	CHILD CARE
OFFICE		STORAGE / TELECOMM.



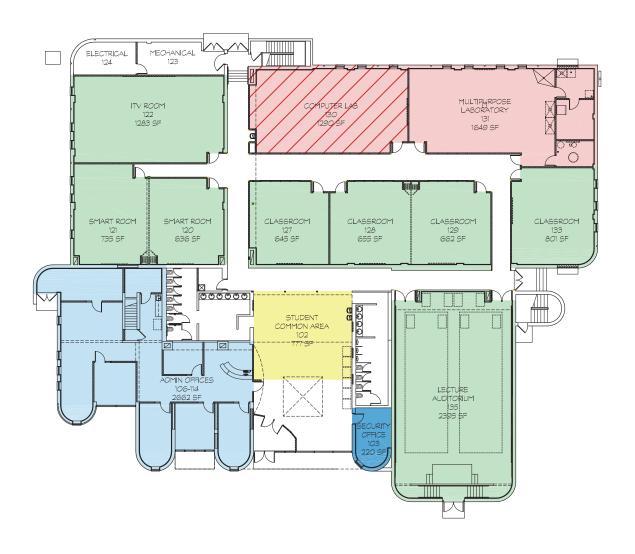
	CLASSROOMS	3	LIBRARY
	LABS	0	GEN. USE / ASSEMBLY
/	COMPUTER LABS	0	CHILD CARE
	OFFICE		STORAGE / TELECOMM.















CLASSROOMS	8	LIBRARY
LABS	1	GEN. USE / ASSEMBLY
COMPUTER LABS	1	CHILD CARE
OFFICE		STORAGE / TELECOMM.





CLASSROOMS	6	LIBRARY
LABS	1	GEN. USE / ASSEMBLY
COMPUTER LABS	1	CHILD CARE
OFFICE		STORAGE / TELECOMM.

SPACE UTILIZATION STUDY







SPACE UTILIZATION STUDY

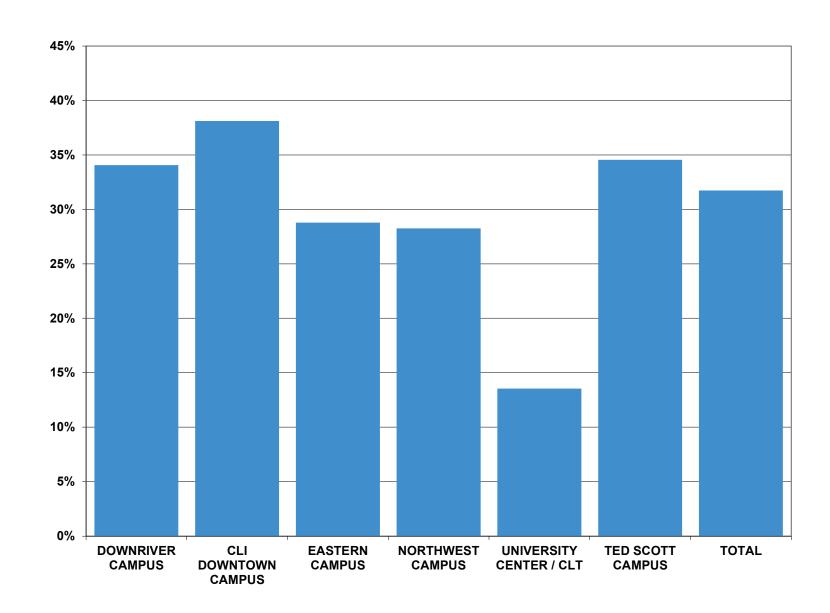
The space utilization data for the 2020-21 period showed, as expected, a substantial decrease in space utilization across the six campuses. With the onset of the COVID-19 pandemic in March 2020, WCCCD moved abruptly from a nearly total in-person teaching and learning modality to a nearly total online and remote modality. This remained the condition until the fall of 2021 when students started to return to in person instruction.

As indicated in the following graphs, substantial increase in 2022-2023 space utilization is continuing. Students are returning to campuses particularly for hands-on learning opportunities and this trend is expected to continue.

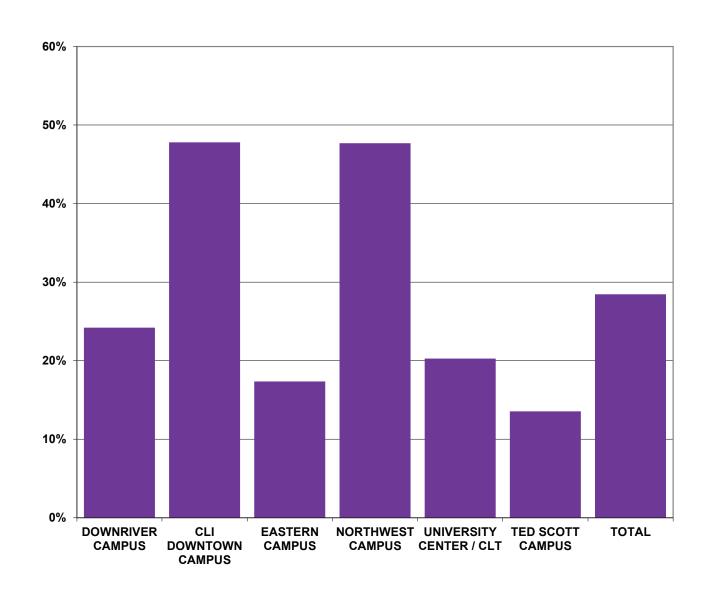
In order to calculate Space Utilization on the campuses, information was collected pertaining to lecture room /laboratory usage during a typical week. A 48-hour demand time for a typical week is assumed for each lecture room /laboratory on a campus. These 48 hours are made up of Monday-Thursday, 8:00 a.m. to 3:00 p.m. and 5:30 p.m. to 9:30 p.m. and Friday, 8:00 a.m. to 12:00 p.m. or 32 daytime hours and 16 evening hours. This 48-hour demand time is based on historical experience.

As WCCCD continues to move into the "next normal" and student patterns become normalized once again, the college can again benefit from space utilization data to help guide key facility development decisions.

WCCCD LABORATORY ROOM UTILIZATION SUMMARY FALL 2023



WCCCD LECTURE ROOM UTILIZATION SUMMARY FALL 2023



FACILITY CONDITION ANALYSIS







DOWNRIVER CAMPUS - TAYLOR

The Downriver Campus building was originally built in 1978. The major structural system is composed of steel columns on a concrete foundation. The concrete second floor is supported on metal decking and joists. A similar system supports the built-up roof. The exterior of the building is clad in corrugated metal siding and concrete masonry. A 60,000 square foot theatre and classroom addition was opened in 2010. A 12,000 square foot public saftey training center was completed in 2005.

The campus buildings and systems have been kept up with no major needs in the near future. The following list includes items that have been completed recently or still in progress.

Upgrade Computer Laboratories.

CURTIS L. IVERY DOWNTOWN CAMPUS – DETROIT

The Curtis L.Ivery Downtown Campus building was constructed in 1979. Concrete beams and columns with a concrete slab floor system compose the superstructure of the building. The substructure consists of a concrete slab on grade in collaboration with concrete masonry walls and a poured concrete foundation retained by a poured concrete wall along the north facade of the building. The floor/roof construction consists of concrete slabs. A built-up roof system on concrete, with a ribbed metal roof system in some areas, completes the roof enclosure. The exterior wall composition is constructed of precast concrete panels integrated with an exterior glazing system. The adjacent Health and Wellness Center was completed in 2019.

The following list includes items that have been completed recently or in progress.

- Replace exterior doors and damaged interior doors.
- Convert existing Art Room to new Physical Therapy Laboratory.
- New concession stand in lobby of Health and Wellness Center.
- Upgrade Corridor Ceiling Systems, Lighting, and Mechanical Systems.
- Renovate Campus Vestibules.
- New steam room and relocation of laundry room in Health and Wellness Center.

EASTERN CAMPUS - DETROIT

The Eastern Campus was constructed in 1982. The major structural system is composed of concrete columns in collaboration with structural steel tubes acting as minor support members. The foundation consists of grade beams and caissons. The existing floor/roof construction includes a precast concrete tee system with concrete topping. Membrane roofing on the concrete topping (membrane roofing on metal deck in some areas) completes the overall roof construction.

The following list includes items that have been completed recently or are in progress.

- Fire alarm system replacement.
- Structural concrete inmprovements.
- Police Authority Office renovations.

NORTHWEST CAMPUS - DETROIT

WCCCD was able to renovate a purchased property from the University of Detroit Mercy, located at Southfield Road and Outer Drive. This campus includes several buildings that have been renovated to fit WCCCD's curriculum as students were on campus starting in 2008.

The Northwest Campus Capital Outlay Project Larry K. Lewis Education Center was completed and occupied in 2013. The project also addressed many existing facility condition issues, primarily mechanical system improvements in the Academic Administration Building, the General Arts Building, the Health Science Center, the Laboratory Science Building, and the Denise Wellons-Glover Welcome Center. The following list includes items that have been completed recently or are in progress.

- Health Science Center roof replacement.
- Welcome Center improvements including Banquet Halls and Commerical Kitchen.
- Powerhouse Building exterior restoration.
- Renovation and repurposing of the four story 67,000 square foot Academic Administration
 Building located on the west side of the Northwest Campus. In partnership with the Detroit
 Police Department, the renovated space will provide educational and training space for
 a Police Academy. Renovation components include Environmental Remediation/Selective
 Demolition, New Roof, Life/Safety and ADA Upgrades, Elevator Modernization, Water Damage
 Repairs, New Mechanical, Electrical, and Plumbing Systems, as well as Interior and Exterior
 Architectural improvements. New spaces will include a simulation room, scenario rooms,
 computer labs, a modern technical library, a physical fitness training space complete with
 hand-to-hand scenario training, locker rooms, offices, and classrooms.







MARY ELLEN STEMPFLE UNIVERSITY CENTER – HARPER WOODS

In 2008, the District opened a 20,000 square foot facility to house the Mary Ellen Stempfle University Center in Harper Woods. This new center offers community college courses as well as courses offered by partner universities and colleges leading to baccalaureate and masters degrees. The facility was completely renovated to WCCCD specifications and contains general use classrooms, technology labs, interactive television (ITV) labs, science lab, student support functions, and faculty offices.

MARY ELLEN STEMPFLE UNIVERSITY CENTER – CENTER FOR LEARNING TECHNOLOGY

An additional facility was purchased and renovated adjacent to the current facility. This new facility includes teaching spaces and associated support spaces.

The mission of the Center for Learning Technology (CLT) at the MES University Center is to extend and maximize the college's mission of providing globally competitive higher education and career advancement opportunities to students in all stages of life through the use of state-of-the-art technology. The distance learning program offers students more flexibility in planning a course load, permitting them the option of pursuing an education regardless of time or location. Fully online, hybrid, and videoconferencing classes are suited to self-disciplined persons with job responsibilities, child-care issues, or transportation issues that may interfere with their ability to pursue their education through traditional on-campus classes.

Additionally, the CLT provides a unique learning environment for experimentation and innovation. Individuals may utilize professional development and continuing education opportunities for working professionals. Virtual classroom technology provides the capability to connect individuals through two-way audio, two-way videoconferencing throughout the District, across the nation, and the world. Through the CLT, the latest instructional trends for supporting learning and success are piloted and tested for replication throughout the district with the following features.

 A technology-enabled learning environment that supports distance learning students and courses, all career and transfer programs, and continuing education for faculty, staff, students, and community members regardless of location in the District.

- Wireless access for mobile devices is available throughout the facility.
- The CLT consists of 4 smart classrooms, 2 videoconferencing classrooms, a Creative Suite (24 computers), Media Room (audio video production space), Learning Commons, and self-service kiosks.
- New upgrades for Podcast Room and Equipment.

TED SCOTT CAMPUS - BELLEVILLE

The original Ted Scott Campus building was built in 1981. The structural system is steel on a concrete foundation. The concrete second floor is supported on metal decking and joists. A similar system supports the roof. The built-up roofing was replaced in 2001 and is in good condition. The exterior of the building is clad in stainless steel corrugated siding above glass block. The siding is in good condition. The interior walls and ceilings are in good shape. A 43,000 square foot addition was completed in 2008 and includes six new seminar rooms, a computer classroom wing and a technical laboratory wing.

The following list includes items that have been completed recently or are in progress.

- Renovate all campus restrooms.
- Renovate Nursing Lab.



ENERGY PLAN

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT ENERGY PLAN

The Wayne County Community College District has the ongoing WCCCD Green Initiative, strengthening their stewardship of the earth's climate and environmental sustainability. Although not just an Energy Plan, all elements of energy are included.

THE OBJECTIVES OF THE WCCCD GREEN INITIATIVE ARE AS FOLLOWS:

- 1. To underscore WCCCD's commitment to the stewardship of the earth's climate and environmental sustainability.
- 2. To optimize WCCCD's energy performance, energy conservation measures, and verification of energy performance.
- 3. To minimize the impact of district operations on carbon emissions.
- 4. To prepare students for careers in green occupations.
- 5. To deepen student understanding of the economic, health, social, ecological, and ethical dimensions of climate change and environmental sustainability.
- 6. To create living/learning laboratories on environmental sustainability for students, faculty and staff, and community groups.
- 7. To provide demonstration projects on environmental sustainability.
- 8. To create model green campuses, starting with the LEED Platinum Larry K. Lewis Education Center.
- 9. To participate at the local, state, and national level in activities to strengthen the stewardship of the earth's climate and environmental sustainability, and to participate in a national movement to place institutions of higher education in a leadership role in addressing climate change and environmental sustainability.

THE FOLLOWING ARE ELEMENTS OF THE WCCCD GREEN INITIATIVE:

- 1. New facilities for the Northwest Campus to meet LEED (Leadership in Energy and Environmental Design) Platinum certification standards have been completed.
- 2. Green career education programs (renewable energy production and distribution, green building construction, water and wastewater management, agriculture, biofuels, electrical and hybrid vehicle manufacturing, transportation, air quality, energy auditing supply chain, etc.) continue to be developed and implemented.
- 3. An energy audit of all facilities has been completed and continues on a yearly basis.
- 4. WCCCD has pursued an aggressive strategy of reducing energy used at all campus locations by upgrading systems and equipment, working with the utility suppliers, and improving facility operations. The following chart shows WCCCD Energy Usage and Utility Cost over the past 11 years. The reduction of energy use and utility cost savings have been substantial at all facilities. For all locations, despite an increase of 14.4% of building square footage, WCCCD has reduced energy use per square foot by 43.81%, and utility costs per square foot by 8.68%.

			WCCCD Fr	nergy Usage	and Utility	Costs 2023				
		G			ctric		eam		Totals	
Building	Fiscal Year	BTU/SF/YR	\$/SF/YR \$ 0.20	BTU/SF/YR	\$/SF/YR	BTU/SF/YR	\$/SF/YR	BTU/SF/YR	\$/SF/YR \$ 1.61	\$/YR
	2022-2023 2021-2022	19,415 22,360	\$ 0.20 0.19	38,306 35,740	\$ 1.42 1.33			57,721 58,100	\$ 1.52	\$171,080 \$161,249
	2020-2021	17,925	0.13	35,259	1.19			53,184	1.32	\$139,772
	2019-2020 2018-2019	19,249 22,130	0.12 0.15	36,649	1.13 1.07			55,897	1.25 1.22	\$132,070 \$129.095
	2018-2019	22,130 26.985	0.15 0.18	37,213 41,789	1.07			59,342 68,774	1.22	\$129,095 \$134,620
	2016-2017	15,728	0.12	41,789	1.09			57,517	1.21	\$128,260
	2015-2016	16,078	0.12	41,789	1.09			57,867	1.21	\$128,260
District Office Building	2012-2013 2011-2012	33,128 0	0.12	46,879 37,519	1.18 0.96	72,507	0.00 1.43	80,007 110,026	1.30 2.39	\$137,800 \$253,340
106,000 SF	2010-2011	0		54,617	1.30	88,355	1.93	142,972	3.23	\$342,380
	2022-2023	84,721	\$ 0.40	48,098	\$ 1.80			132,819	\$ 2.21 \$ 2.22	\$569,158
	2021-2022 2020-2021	96,480 90,964	0.45 0.35	50,895 49,624	1.77 1.63			147,375 140,588	\$ 2.22 1.98	\$571,765 \$511,046
	2019-2020	95,090	0.32	51,564	1.58			146,654	1.90	\$491,222
	2018-2019	89,494	0.31	48,388	1.35			137,882	1.66	\$427,978
	2017-2018 2016-2017	45,399 43,205	0.29 0.32	48,954 48,954	1.20 1.20			94,353 92,159	1.49 1.52	\$384,523 \$392,265
	2015-2016	42,339	0.15	43,170	1.07			85,509	1.22	\$314,844
	2012-2013	70,226	0.31	65,821	1.34			136,047	1.65	\$425,814
Downriver Campus 258,069 SF	2011-2012 2010-2011	136,658 140,428	0.44 0.50	63,740 66,372	1.23 1.21			200,398 206,800	1.67 1.71	\$430,975 \$441,298
230,003 01	2022-2023	69,787	\$ 0.42	49,708	\$ 1.95			119,495	\$ 2.37	\$594,356
	2021-2022	52,246	0.33	44,256	1.62			96,502	\$ 1.95	\$488,876
	2020-2021 2019-2020	57,280 57,031	0.27 0.33	38,362 29,978	1.36 0.94			95,641 87,009	1.63 1.27	\$408,494 \$317,483
Curtis L. Ivery	2019-2020	65,478	0.33	44,235	1.23			109,713	1.43	\$317,483 \$254,287
Downtown Campus &	2017-2018	32,969	0.19	45,410	1.10			78,379	1.29	\$229,672
Curtis L. Ivery Health and Wellness	2016-2017	26,239	0.19	45,410	1.10			71,649 75,089	1.29	\$229,672 \$210,087
Education Center	2015-2016 2012-2013	29,679 27,893	0.08 0.13	45,410 39,118	1.10 1.08	0	0.00	67,011	1.18 1.21	\$210,087 \$215,428
250,714 SF (2020)	2011-2012	1,986	0.02	40,844	1.14	31,842	0.64	74,672	1.80	\$320,472
178,040 SF	2010-2011	404.200		55,146	1.26	98,641	2.13	153,787	3.39	\$603,556
	2022-2023 2021-2022	104,260 107,118	\$ 0.44 0.47	44,321 45,056	\$ 1.67 1.55			148,581 152,174	\$ 2.11 \$ 2.02	\$392,198 \$375,426
	2020-2021	101,546	0.33	40,131	1.34			141,677	1.67	\$311,002
	2019-2020	82,564	0.20	40,742	1.25			123,306	1.45	\$269,859
	2018-2019 2017-2018	95,690 57,322	0.34 0.30	42,459 41,926	1.18 0.98			138,148 99,248	1.52 1.28	\$283,435 \$238,079
	2016-2017	49,371	0.31	41,926	0.98			91,297	1.29	\$239,939
	2015-2016	44,711	0.09	41,926	0.98			86,637	1.07	\$199,019
Eastern Campus	2012-2013 2011-2012	80,723 133,480	0.35 0.46	43,662 35,605	1.11 0.92			124,385 169,085	1.46 1.38	\$271,559 \$256,679
185,999 SF	2010-2011	102,300	0.50	41,416	1.41			143,716	1.91	\$355,258
	2022-2023	55,247	\$ 0.26	36,863	\$ 1.38			92,110	\$ 1.63	\$712,156
	2021-2022 2020-2021	61,355 58,184	0.30 0.28	38,045 35,259	1.31 1.15			99,400 93,443	\$ 1.61 1.43	\$701,879 \$622,922
	2019-2020	62,855	0.21	35,468	1.09			98,323	1.29	\$562,501
	2018-2019	61,855	0.20	37,316	1.05			99,172	1.24	\$540,836
	2017-2018 2016-2017	34,223 33,765	0.23 0.20	36,288 36,288	0.91 0.91			70,511 70,053	1.14 1.11	\$496,595 \$483,527
	2015-2016	26,005	0.08	34,081	0.82			60,086	0.90	\$392,049
Northwest Campus	2012-2013	64,172	0.25	39,420	0.83			103,592	1.08	\$470,459
435,610 SF (2012) 335,759 SF	2011-2012 2010-2011	103,466 169,750	0.27 0.42	44,589 66,932	0.81 1.05			148,055 236,682	1.08 1.47	\$470,459 \$493,566
330,739 3F	2022-2023	26,848	\$ 0.09	44,639	\$ 1.74			71,487	\$ 1.83	\$57,144
	2021-2022	30,486	0.11	44,319	1.62			74,805	\$ 1.73	\$54,067
	2020-2021 2019-2020	49,903 44,713	0.31 0.27	40,814	1.52 1.63			90,717	1.83 1.90	\$57,142
	2019-2020	54,343	0.27	50,138 49,880	1.63			94,850 104,223	1.90	\$59,277 \$56,418
	2017-2018	58,836	0.38	52,091	1.44			110,927	1.82	\$56,835
	2016-2017 2015-2016	46,752 48,688	0.34 0.34	52,091 50,911	1.44 1.62			98,843 99,599	1.78 1.96	\$55,586 \$61,207
University Center	2015-2016	51,384	0.54	49,994	1.86			101,378	2.38	\$61,207 \$45,299
31,228 SF (2014)	2011-2012	51,179	0.51	48,761	1.73			99,940	2.24	\$42,634
19,033 SF	2010-2011 2022-2023	69,894	0.61 \$ 0.50	55,128	1.80 \$ 1.13			125,022	\$ 1.63	\$45,870
	2022-2023	54,347 60.163	\$ 0.50 0.46	30,349 43,919	\$ 1.13 1.51			84,696 104,082	\$ 1.98	\$332,599 \$403,413
	2020-2021	58,320	0.38	36,671	1.22			94,991	1.60	\$327,149
	2019-2020	57,767	0.33	36,041	1.11			93,808	1.44	\$293,058
	2018-2019 2017-2018	64,186 36,831	0.38 0.16	37,009 37,514	1.03 0.94			101,195 74,345	1.41 1.10	\$287,850 \$224,618
	2016-2017	61,934	0.40		0.94			99,448	1.34	\$273,625
	2015-2016	57,861	0.38	41,309	1.21			99,170	1.59	\$324,675
Ted Scott Campus	2012-2013 2011-2012	45,470 105,453	0.34 0.62	38,313 63,948	1.32 1.13			83,783 169,401	1.66 1.75	\$338,969 \$357,347
204,198 SF	2010-2011	125,810	0.87	74,380	1.22			200,190	2.09	\$426,774
	2022-2023							107,106		
	2021-2022 2020-2021	1						111,141 105,437	\$ 1.87 1.62	\$2,756,676 \$2,377,526
	2020-2021 2019-2020	1						99,976	1.62	\$2,377,526
	2018-2019	1						104,783	1.42	\$1,979,899
	2017-2018 2016-2017	1						81,060 81,141	1.26 1.29	\$1,764,941 \$1,802,873
	2016-2017 2015-2016	1						76,632	1.29	\$1,802,873 \$1,630,141
	2012-2013	1						81,833	1.37	\$1,905,327
Totals	2011-2012 2010-2011	1						150,981 190,631	1.66	\$2,131,905 \$2,708,701
1,471,818 SF	2010-2011							190,631	2.10	\$2,708,701



The following specialized academic classes are being offered:

a. Alternative Fuels technology

- i. AUT 114-118-Electrical/Electronic Systems I-IV
- ii. AUT 150-Introduction to Alternative Fuels
- iii. AUT 151-Light Duty Diesel Engines
- iv. AUT 152-Introduction to Electric and Fuel Cells
- v. AUT 153-Introduction to Gaseous Fuels
- vi. AUT 154-Introduction to Hybrid Fuel Technology
- vii. AUT 155-Introduction to Hydrogen Applications and Safety

b. Water and Environmental Technology

- i. WET 101-Water Treatment Technologies
- ii. WET 102-Wastewater Treatment Technologies
- iii. WET 210-Advanced Waste Water Treatment Technologies
- iv. WET 212-Advanced Water Treatment Technologies
- v. WET 215-Water Quality Analysis and WET Instrumentation
- vi. WET 220-Water Quality Analysis and Microbiology
- vii. WET 224-Water/Waste Water Utility Equipment Maintenance
- viii. WET 265-Practicum

c. Geotechnical Systems Technology

- i. HVA 100-Introduction to HVAC and Hermetric Systems
- ii. HVA 104-105-Air Conditioning I-II
- iii. GTT 101-Principles of Thermalgeology
- iv. GTT 105-Applications of Geothermal System
- v. GTT 201-Geothermal REHC Technology
- vi. GTT 220-GHEX Accreditation
- vii. RET 101-Renewable Energy/Principles

e. Renewable Energy Technology

- i. RET 101-Renewable Energy/Alternative Energy Principles
- ii. RET 143-Wind Power and Hydropower
- iii. RET 144-Solar Power
- iv. RET 210-Advanced Photovoltarc Concepts and Commercial Applications
- v. SED 100-Principles of Sustainability









THE FOLLOWING ELEMENTS OF THE WCCCD GREEN INITIATIVE ARE TO BE ADDRESSED IN THE YEARS AHEAD:

- 1. Continue to develop a district-wide plan of action for energy efficiency and environmental sustainability.
- 2. Implement conservation measures such as recycling, waste minimization, water management, power management, uses of alternative energy, reduction in paper consumables, and use locally grown food and locally manufactured supplies.
- 3. Use high efficiency equipment, IT devices (Energy Star), and vehicles.
- 4. Verify ongoing energy performance with periodic sustainability progress reports.
- 5. Continue to strengthen green career education programs (renewable energy production and distribution, green building construction, water and wastewater management, agriculture, biofuels, electrical and hybrid vehicle manufacturing, transportation, air quality, energy auditing, supply chain, etc.)
- 6. Incorporate environmental sustainability topics into general education and academic programs (economic, health, social, ecological, and ethical dimensions).





5-YEAR CAPITAL IMPROVEMENT IMPLEMENTATION PLAN









Wayne County Community College District includes six campus locations throughout Wayne County and one main administration office building within the district boundary. Three campuses and the Curtis L. Ivery District Office Building are located within the City of Detroit; the Curtis L. Ivery Downtown Campus and Curtis L. Ivery District Office Building located at Fort Street and the Lodge Expressway, the Northwest Campus located at Outer Drive and Southfield Road, and the Eastern Campus located at Conner Avenue and Interstate 94. The Downriver Campus is located on Northline Road in the City of Taylor and the Ted Scott Campus is located on Haggerty Road in Van Buren Township. The Mary Ellen Stempfle University Center and the Center for Learning Technology are located on Vernier Road in Harper Woods.

As stated in the Wayne County Community College District's 2000 New Century Facility and Campus Master Plan, the over arching goal is to provide adequate and consistent facilities in order to educate and empower students to compete in the 21st century.

Since that publication, WCCCD's capital improvements not only successfully achieved this goal, but established a high quality, diverse, and technologically advanced atmosphere within which individuals, businesses, and surrounding communities continue to flourish. Building upon the momentum of the past twenty years of capital improvements and looking towards long term needs, WCCCD has identified several new construction and renovation projects. Once completed, these projects will reinforce the previously established partnership focus for each campus and strengthen the entire district. An overview of all projects is as follows:

COMPLETED MAJOR PROJECTS SINCE 2001

- Emergency repair and urgent renovation projects (all campuses)
- Michigan Institute for Public Safety Education (Downriver Campus)
- Entrepreneurial Institute and Resource Center (Eastern Campus)
- Educational Multipurpose Center (Ted Scott Campus)
- Information Technology Data Center (Curtis L. Ivery District Office Building)
- Renovation and upgrading of science labs and other instructional spaces (all campuses)
- Heinz C. Prechter Education and Performing Arts Center (Downriver Campus)
- Mary Ellen Stempfle University Center (Grosse Pointes/ Harper Woods location)
- Relocation of Northwest Campus

- Northwest Campus Larry K. Lewis Education Center
- Expansion of the Mary Ellen Stempfle University Center with the Center for Learning Technology
- Facility condition analysis and building systems upgrade
- Curtis L. Ivery Health & Wellness Education Center (Curtis L. Ivery Downtown Campus)
- Outdoor Training Center
- Renovation and repurposing of Northwest Campus Academic Administration Building for use by partner Detroit Police Department Police Academy

MAJOR PROJECTS CURRENTLY IN PROCESS

Renovation and Maintenance projects - See Appendix C

MAJOR PROJECTS PLANNED FOR THE FUTURE

- Eastern Campus Repurposing and Upgrading Project -See Appendix A
- Center for Virtual Learning and Digital Careers See Appendix B
- Repurposing and renovation project Ted Scott Campus
- Repurposing and renovation project Northwest Campus

FACILITY AND SITE DEVELOPMENT AREAS FOR EXPLORATION AND REVIEW OF OPTIONS

- Development of a Sustainability Program at WCCCD (Leadership in Energy and Environmental Design-LEED certification; green building standards for construction, renovation, and retrofitting; student involvement; environmental studies curriculum; recycling program; sustainability policies; sustainability advisory committee; etc.)
- Options for designated spaces to house workforce development and continuing education programs
- Upgrading of technology-oriented instructional laboratories (e.g. information and computer technologies, business, manufacturing technology, and health education, implementation of an Advanced Technology Center at the Ted Scott Campus)

IMPLEMENTATION PLAN

- A. The District's priority capital project is FY 2025 for which funds are requested from the state is the Eastern Campus Repurposing and Upgrading project.
- B. The District's priority capital project in FY 2024 for which funds are requested from the state is the Center for Virtual Learning and Digital Careers.
- C. Over the past few years, the District has made significant progress in addressing outstanding deferred maintenance issues. Some of the areas addressed include roof repairs, mechanical equipment replacements, electrical and lighting system replacements, grounds renovations and structural deficiencies. Although additional issues continue to arise with the aging of the facilities, the District continues to make significant progress as it attempts to cope with years of underfunded deferred maintenance issues. See Facility Assessment Section.
- D. The District is investing in on-line technologies, especially distance learning, as an alternative to traditional instructional delivery.
- E. On an annual basis, Wayne County Community College District has no projected maintenance items in excess of \$1,000,000.
- F. Each fiscal year, the annual District Facilities and Maintenance operating budget is developed based upon historical actual expenditures as well as anticipated scenarios requiring budget adjustments. As a result, routine operational maintenance issues are budgeted for as well as unplanned projects that are non-routine in nature.



APPENDIX A



APPENDIX A: EASTERN CAMPUS REPURPOSING AND UPGRADING PROJECT

Fiscal Year 2025 Capital Outlay Major Project Request

INSTITUTION NAME:

Wayne County Community College District

CAPITAL OUTLAY CODE:

REQUEST CODE:

PROJECT TITLE:

Eastern Campus Repurposing and Upgrading Project, a Central Dimension of the Initiative to Repurpose WCCCD's Facilities Serving Eastern Wayne County

X Yes No

PROJECT FOCUS:

X Academic Research Administrative/Support

TYPE OF PROJECT:

X Renovation X Addition New Construction

APPROXIMATE SQUARE FOOTAGE:

20,000 sf New Addition / 50,000 sf Renovations

TOTAL ESTIMATED COST:

Project Cost \$23,000,000 (Cost Eligible for State Match \$18,000,000)

ESTIMATED DURATION OF PROJECT:

Start 2025 / Completion December 2028

Is the Five-Year Plan posted on the department's public internet site? X Yes No

Is the requested project included in Five-Year Capital Outlay Plan?

BACKGROUND ON WCCCD'S SERVICES TO THE EASTERN WAYNE COUNTY REGION

Wayne County Community College District (WCCCD) serves 32 cities and townships in Wayne County, Michigan, with a total population of nearly two million persons. The District consists of six locations including the Downtown, Eastern, and Northwest Campuses in Detroit, the Downriver Campus in Taylor, the Ted Scott Campus in Belleville, and the Stempfle University Center and Center for Learning Technologies in Harper Woods.

The mission of Wayne County Community College District is to empower individuals, businesses, and communities to achieve their goals through excellent and accessible services, culturally diverse experiences, and globally competitive higher education and career advancement programs. To carry out this mission, WCCCD seeks to provide those served with up-to-date classrooms, laboratories, learning technologies and spaces for student support services. Because of financial limitations throughout the District's early history, resources were not available to update facilities or maintain them properly. Since the approval of the millage increase by the voters of the District in 2001 and subsequent renewals, this situation has been reversed and the District leadership has been able to launch a new era of facility and site development.

As a first step in launching this new era, a facility and site development master plan (New Century Facility and Campus Master Plan) was developed to outline building projects on all the District's campuses. The first step in implementing this master plan was the completion of selected emergency repairs and urgent renovations (roof replacements, parking lot resurfacing, repair of structural damage, upgrading of security lighting, upgrade of science and technology education laboratories, etc.). Since that time, WCCCD has made significant progress in constructing major facilities on the Ted Scott Campus, the Downriver Campus, and the Northwest Campus. Recently completed is the Curtis L. Ivery Health and Wellness Education Center and the naming of the Curtis L. Ivery Central Education Complex encompassing the new center, the Curtis L. Ivery Downtown Campus, and the Central Administration Building. The stage is now set for moving forward with the next major facility and site development project: the project to repurpose and upgrade WCCCD's facilities serving eastern Wayne County. Specifically, the WCCCD Fiscal Year 2025 Capital Outlay Major Project Request centers on the repurposing and upgrading of the Eastern Campus facility and site.

SCOPE OF THE PROJECT/ PROGRAM FOCUS OF OCCUPANTS

The Eastern Campus is located on Conner Avenue adjacent to and directly southeast of Interstate 94 in the eastern part of the City of Detroit. Although interchange ramps provide access to Conner Avenue from both northbound and southbound lanes of Interstate 94, access to the campus and campus parking lot is somewhat difficult and confusing. The main campus entrance from Conner Avenue routes traffic past building service areas and through a congested drop-off area. To reach the parking lot, the driver must then cross St. Jean Street, a public road, and enter the campus's western parcel that serves as the parking lot. Direct access to the parking is provided by St. Jean Street, but this route can only be accessed from southbound Conner Avenue, and only via Hern Street, which runs at the north edge of the campus property.

The campus is currently zoned M4, Intensive Industrial. This zoning does not allow educational facilities as a permitted use or special use subject to Planning Commission approval. Presumably, a zoning change was not required when the campus was developed because, at that time, local controls did not apply to public educational facilities. As a part of this project, a zoning designation will be sought like Wayne State University and University of Detroit Mercy obtained for specific building projects.

The campus is bordered by a variety of land uses. Small industrial establishments exist on St. Jean Street and separate the campus building from the parking lot. The parking lot is bordered by abandoned industrial structures and the Detroit City Yard facilities. The east side of Conner Street, across from the campus and main entrance, consists of residential structures and the western edge of Chandler Park. The current surrounding buildings are of a marginal industrial nature and, along with the conflicting vehicular and pedestrian traffic, create an unsafe, uninviting, and unattractive site for the individuals who come to the WCCCD facility.

The site is irregular in shape and consists of two parcels separated by St. Jean Street and small industrial sites on the east side of St. Jean Street. One parcel contains the campus building and the other the parking lot. There is approximately 1300 feet of frontage on Conner Avenue, the major street serving

the campus. The total area of both campus parcels is approximately 26.7 acres. All campus programs and facilities are housed in a single building containing 192,625 gross square feet of floor area on three levels. Parking consists of one paved lot containing 799 spaces.

The site is relatively level with grades in the less than one-percent range. Soils are mixed, but generally consist of fills consistent with urban area reconstruction sites. There are no significant stands of vegetation or important specimen trees on campus.

The site does not appear to be subject to any Michigan EGLE environmental limitations involving wetlands or flood plains. Similarly, other potential limitations such as site contaminations have not been identified. However, an additional environmental site assessment will be conducted of the property as a part of this project.

No major upgrades of the present campus building have been undertaken since its construction in 1982. During 2004-05, a number of steps were taken to deal with emergency situations and urgent problems (structural damage, roof repair, etc.) Many building systems and spaces are now in serious need of upgrading especially in regards to energy efficiency. Lighting in most areas of the building is no longer adequate for today's educational uses, toilet rooms require major upgrades, and basic building systems such as electrical and mechanical systems and equipment security systems require upgrading. As well, some areas are in need of surface repair such as ceiling/wall/soffit repair and painting. Along the north and south facades of the building, the existing masonry screen walls are in need of repair or replacement. By upgrading its existing facilities and incorporating a 20,000 square foot building addition, the Eastern Campus will be revitalized to serve students, businesses, and communities in its service area for decades to come. As a result this project, the Eastern Campus will have the capacity to house high quality educational programs and services having these dimensions:

 a. Upgraded spaces to house career education programs (welding technology, automotive services technology, industrial computer graphics technology, computer information technology, electricity/electronics, aviation mechanics, HVAC, heavy equipment maintenance, etc.)

- b. Upgraded spaces to house health and public service programs (health care programs, social work, corrections, urban teacher education, child care, hotel management, pharmacy technology, etc.)
- c. Upgraded spaces to house the Regional Training Center (merging credit and non-credit career education and workforce development programming in cooperation with community partners such as Michigan Works and the public schools).
- d. Upgraded spaces to house community-based programming such as hosting charter schools, adult basic education, continuing education, and other forms of community and economic development initiatives.
- e. New and upgraded classrooms and laboratories focused on university transfer and general education programs (humanities, English, math, biology, chemistry, art, African American studies, languages, philosophy, speech, psychology, political science, etc.)
- f. Upgraded welcome spaces similar to the ones implemented successfully at other campuses in the district. The upgraded welcome spaces will consists of a one-stop location for entrance lobby, corporate training reception, student support services, food service, bookstore, gallery and exhibit space, student clubs and activities, and faculty/staff offices.
- g. A new campus service library to replace the current limited library spaces and major upgrades of campus learning technologies (expansion and upgrading of library spaces for campus-wide Internet and wireless connectivity, computer commons, reference desk, circulation, search stations, quiet study areas, technical services, AV and video stations, student security lockers, faculty media production services, Internet café features, small group study areas, seminar spaces, and decentralized library kiosks.
- h. New small high-technology auditorium/lecture hall to provide needed space for corporate training, community programs, and events that complement the credit and non-credit programs of the campus (similar to small auditorium/lecture spaces of WCCCD's other campuses.

PROJECT ELEMENTS AND ESTIMATED COST

a. Re-design, retrofitting, and renovation of existing facilities (50,000 gross square feet of current 192,635 square feet).

Estimated cost: \$9,500,000.

b. Building addition (20,000 gross square feet for new welcome center, library, classrooms and laboratories, and small auditorium/lecture hall).

Estimated cost: \$6,000,000.

Landscaping.

Estimated cost: \$200,000.

Design and reconfigure walkways, drop-off area, and building entrance. Estimated cost: \$400,000.

Contingency: \$1,900,000

Total project cost eligible for State matching funds: \$18,000,000.

Land acquisition. Estimated cost: \$2,600,000. f.

Estimated Cost: \$800,000. Relocation of St. Jean Street.

Redesign and reconfiguration of parking lots. Estimated cost: \$1,600,000. h.

Additional project cost covered by WCCCD not eligible for State match: \$5,000,000.

Grand total project cost: \$23,000,000.

PRELIMINARY PROJECT SCHEDULE

a. State Planning Authorization: 2024

b. Initial Plans and Program Statement: 2025

c. State review and approval: 2026

d. Preliminary Design and Final Design: May 2026-March 2027

e. State review and approval: April 2027

f. Start of construction: June 2027

g. Completion of project: December 2028

ADDITIONAL INFORMATION:

1. How does the project support Michigan's talent enhancement, job creation, and economic growth initiatives on a local, regional and/or statewide basis?

General Benefits

The Eastern Campus Repurposing and Upgrading Project has as central foci job creation, talent enhancement, and regional economic development. The three major programmatic elements of the project are (1) expanded regional talent and workforce development in cooperation with community partners such as businesses, Michigan Works and the public schools, (2) increased collegiate services to increase student career and academic success and degree completion, and (3) expanded partnership with community agencies to address social equity and economic opportunity issues for the high percentage of residents of eastern Wayne County for whom the Eastern Campus is the primary, and in most cases the only, opportunity to develop the skills to get a good job and advance in their careers.

The project will improve facilities for the Regional Training Center, WCCCD's response to the expanded demand for job training and workforce development from regional employers. The eastern Wayne County region is experiencing a resurgence of economic growth. Major construction projects in the City of Detroit are creating an increased demand for welders, sheet metal workers, electricians, plumbers, carpenters, and ironworkers. A goal for the revitalization of Detroit and Wayne County is the education of local citizens for these career opportunities.

Eastern Campus serves the eastside of the City of Detroit, cities of Hamtramck and Harper Woods along with five Grosse Pointe cities, with a population of approximately 330,000 persons in the eastern region of Wayne County. The campus is a primary educational resource for the population of the region. The Eastern Campus is a primary deliverer of career and workforce education in the Eastern region of the county, empowering individuals to achieve their career, academic, and other life goals; assisting businesses to meet their workforce development needs; and supporting the economic development of

the communities in the service area of the campus. Graduates of the career programs of the campus represent a significant source of skilled employees of the businesses in the region.

Benefits to Wayne County Students, Businesses, and the Community

When the Eastern Campus dimension of the project to repurpose WCCCD's facilities serving eastern Wayne County has been achieved, students will benefit from an improved learning environment; better space utilization, upgraded student support services, technology enhancements, and program expansion and quality improvements. The expansion and upgrade of campus facilities will benefit businesses, government agencies, and communities as well. This project will permit the campus to substantially increase its outreach to businesses and the community via workshops, seminars, short courses, special events, and on-line services beyond the scope of traditional educational courses. An improved facility will support the District's efforts to serve communities and businesses in the Eastern region through its workforce development and economic development programs.

As indicated in the introduction to this capital outlay request, if the Eastern Campus were a free-standing community college, it would have a larger student enrollment than at least six other community colleges in Michigan. The Eastern Campus serves a larger population (330,000) than a number of Michigan community colleges. The Eastern Campus is a "neighborhood college" in the sense that most of its students come from the immediate region of the campus. A large percentage of the students served are from low-income and minority populations, and for the majority of these students the Eastern Campus is the only viable higher education option. The lack of an adequate public transportation system adds to the sense of geographic and racial isolation and makes the Eastern Campus an even more vital educational resource for those persons it serves. As the Eastern Campus is repurposed and upgraded and new programs are added, student enrollment will surge, the utilization of the campus will grow, and the benefit to the students, businesses, and communities served will increase.

Benefits to State Taxpayers

Eastern Campus serves a very diverse student population, including many from low-income backgrounds. The State of Michigan taxpayers benefit when low-income students become employable, are taxpayers, and are removed from government assistance programs. The taxpayers also benefit when individuals have the up-to-date job skills that businesses and communities need in order to advance the economic viability of the Wayne County region and the State of Michigan.

Return on Investment

The repurposing and revitalization of Eastern Campus will provide a return on investment in a number of appreciable ways, including the following:

- a. An improved and expanded layout design would enable the campus to serve more students and businesses.
- b. Improved and expanded facilities would permit the campus to be more responsive to the changing needs of individuals, businesses, governments, and communities in the region.
- c. An upgraded facility designed with state of the art laboratories and learning technologies will better prepare students for employment and further higher education pursuits.
- d. An updated facility will permit the campus to play a more pivotal role in the economic and workforce development of the eastern region of Wayne County.
- e. Low-income students who develop employable skills and enter the economic mainstream will no longer require government assistance. Currently, 19.8% of the families in the communities served by the campus have annual family incomes of less than \$31,165 and 26.5% of the families are headed by single women.

2. How does the project enhance the core academic and/or research mission of the institution?

This project will revitalize all career education, academic, and student support missions of the Eastern Campus by repurposing all functions and spaces in response to the ways student, business, and community educational needs have changed in the 40 years since the Eastern Campus facility was

built. During that time period, the ways educational services are delivered in an effective way have changed dramatically due to the impact of learning technologies, improved teaching methods, and the educational needs of a more diverse and in some ways more needy student population. The Eastern Campus is trending toward obsolescence. It is the only WCCCD campus that has not been upgraded during the last decade. What is needed is the transformation of facilities for career and workforce development programming, university transfer and general education programming, learning technologies, library services, student support services, and community and corporate education services.

3. Is the requested project focused on a single, stand-alone facility? If no, please explain.

Yes.

4. How does the project support investment in or adaptive repurposing of existing facilities and infrastructure?

The Eastern Campus Repurposing and Upgrading Project is essentially a reinvestment in the existing infrastructure, building, and site. The building structure is sound and the interior design is adaptable to this major 21st century learning environment upgrading. Infrastructure improvements to meet ADA standards and increase technology capabilities will be made as systems are upgraded. 72% of the proposed project building area is renovation of existing space while 62% of the building construction cost is allocated to renovation of existing space. In addition, the entire project site will be reused with efficient and safe reconfiguration.

5. Does the project address or mitigate any current health/safety deficiencies relative to existing facilities? If yes, please explain.

Assuring the safety of students, faculty, and staff is a primary objective at the Eastern Campus Repurposing and Upgrading Project. As indicated earlier in this document, the environment around the campus is characterized by marginal industrial buildings and declining neighborhoods. It is paramount to increase lighting and security systems and improve parking and entrances from a safety perspective.

The Eastern Campus site functions poorly from an organization standpoint with confusing vehicular circulation and a parking lot separated from the building by a public street. The pedestrian/vehicular conflict that exists at St. Jean Street is a serious safety concern for pedestrians crossing from the parking lot to the building entrance. Pedestrian injury accidents have been reported at this location. The best long-term solution to the problem would be the removal and relocation of St. Jean Street to provide uninterrupted pedestrian access from the parking lot to the campus building. Redesigning and reconstructing the campus parking lot in conjunction with the proposed property reconfiguration will result in a safer, more contiguous campus environment.

This project will address indoor air quality HVAC issues and bring the facility into full accessibility and ADA compliance.

6. How does the institution measure utilization of its existing facilities, and how does it compare relative to established benchmarks for educational facilities? How does the project help to improve the utilization of existing space and infrastructure, or conversely how does the current utilization support the need for additional space and infrastructure?

WCCCD conducts space utilization studies for all classrooms and laboratories on an annual basis. The proposed repurposing and upgrading of the Eastern Campus will significantly increase space and infrastructure utilization since new and expanded functions will be housed in the building.

Accepted benchmarks for community college laboratories are 18-22 hours per week depending on discipline. Laboratory usage at the Eastern Campus in the Fall 2023 averages 16 hours per week which allows for more offerings and better utilization. In addition, the upgrades will allow better utilization when the spaces are reconfigured with new technology.

Accepted benchmarks for community college classrooms are 30 hours per week. Classroom usage at the Eastern Campus in the Fall 2023 averages 10 hours per week which allows for more offerings and better utilization. However, these classrooms have not been substantially upgraded since 1982 and pedagogy and technology are far different today. Part of this upgrade project

is to reconfigure and consolidate classrooms to create 21st century learning environments which will greatly increase classroom utilization.

As well, a new talent development center (workforce education) will be housed in the facility and the project will enable WCCCD to host corporate education, charter schools, and other community-based initiatives.

7. How does the institution intend to integrate sustainable design principles to enhance the efficiency and operations of the facility?

It is WCCCD's intention to develop the Eastern Campus as a model "green" campus including LEED Platinum certification. Also, this campus repurposing and upgrading project creates the opportunity to use the campus as a learning laboratory for green career programs such as green building construction and maintenance, energy source and distribution technology, water and wastewater management, air quality, and energy auditing.

The primary heating and cooling systems and facility lighting systems will be upgraded with energy-efficient technologies coupled with digital building and lighting control systems. Energy savings payback is expected to be less than 7 years.

8. Are match resources currently available for the project? If yes, what is the source of the match resources? If no, identify the intended source and the estimated timeline for securing said resources.

The source of match resources for the Eastern Campus project will be revenue from WCCCD's voter-approved millage levy. In November 2018, voters of WCCCD's legal service district approved a permanent or "into perpetuity" millage authorization of 3.25 mils designed to fund both operating and capital expenditures. The approval placed WCCCD in a strong position to make long-term program, service, capital, and technology plans. Out of these resources, the District will commit \$14,000,000 of the \$23,000,000 total.

Wayne County Community College District is requesting \$9,000,000 in matching funds from the State of Michigan for the Eastern Campus Repurposing and Upgrading Project.

FIVE-YEAR CAPITAL IMPROVEMENT PLAN 2025-2029

9. If authorized for construction, the state typically provides a maximum of 75% of the total cost for university projects and 50% of the total cost for community college projects. Does the institution intend to commit additional resources that would reduce the state share from the amounts indicated? If so, by what amount?

WCCCD is willing to exceed minimum matching requirements as a means of cooperating with the State of Michigan and as a contribution to achieving the success of this extremely important project.

10. Will the completed project increase operating costs to the institution? If yes, please provide an estimated cost (annually, and over a five-year period) and indicate whether the institution has identified available funds to support the additional cost.

WCCCD anticipates no increase in operating costs. In fact, operating costs are expected to decrease. Utility costs for the Eastern Campus over the last fiscal year totaled \$375,426. With upgraded and new HVAC systems, better lighting, envelope improvements, and other energy efficient features utility savings are anticipated to be at least \$75,000 per year or \$375,000 over 5 years.

Personnel costs, for security and administration, should remain the same or decrease with the safer building and site layouts. Maintenance costs, especially for emergencies, will decrease with the upgraded and new building systems.

11. What impact, if any, will the project have on tuition costs?

Since a WCCCD designated capital fund and matching state capital outlay funding will fund this project, no impact on student tuition and fees is anticipated as a result of this project.

12. If this project is not authorized, what are the impacts to the institution and its students?

The Eastern Campus is trending toward obsolescence and must be repurposed and upgraded in order to meet the changing educational needs of students, businesses, and communities. Each of the repurposing initiatives (new talent

development center, revitalization of career education and university transfer/ general education functions, upgrade of learning technologies and library services, welcome center, and revitalization of community and corporate education) address a compelling educational need if WCCCD is to effectively serve the present and future needs of the eastern Wayne County region. If these initiatives do not move forward, community college services to this region will not be adequate to address the changing educational and career needs of the citizens.

13. What alternatives to this project were considered? Why is the requested project preferable to those alternatives?

The more intense use of the existing infrastructure of the Eastern Campus offers only very limited opportunities for future development in terms of facilities and related parking spaces, and therefore represents a marginal solution to the current facility and site challenges.

Selling the current facility and finding a new facility and/or property is not a viable or rational option for this campus. The amount of money in this Capital Outlay Project Request would only fund a small portion of the cost of a relocated new facility.

A central feature of the campus site re-development portion of this project is the removal and relocation of St. Jean Street. An alternative approach in the form of a pedestrian bridge to connect the parking parcel with the building parcel was considered but dismissed. This would be a very expensive alternative and would address only a small percentage of the site development challenges faced by the campus.

Therefore, the most feasible, safe, cohesive, and cost-efficient alternative to providing the facilities and site features needed for the further development of the Eastern Campus is the upgrading and expansion of the existing facility and the expansion and re-development of the campus site.

APPENDIX B



APPENDIX B: CENTER FOR VIRTUAL LEARNING AND DIGITAL CAREERS

Fiscal Year 2024 Capital Outlay Major Project Request

INSTITUTION NAME:

Wayne County Community College District

CAPITAL OUTLAY CODE:

REQUEST CODE:

PROJECT TITLE:

Center for Virtual Learning and Digital Careers

PROJECT FOCUS:

X Academic Research Administrative/Support

TYPE OF PROJECT:

X Renovation X Addition X New Construction

APPROXIMATE SQUARE FOOTAGE:

18,903 sf new addition, 8,535 sf of renovations

TOTAL ESTIMATED COST:

Project Cost \$11,564,129

ESTIMATED DURATION OF PROJECT:

Start 2024 / Completion July 2026

Is the Five-Year Plan posted on the department's public internet site?

Is the requested project included in Five-Year Capital Outlay Plan?

X Yes No

X Yes No

BASIC DESCRIPTION OF PROJECT

WCCCD's existing Center for Learning Technology will be repurposed, expanded, and renovated, allowing for the addition of new digitally based career education programs as well as the enhancement of virtual learning services. The expanded building will be renamed the **Center for Virtual Learning and Digital Careers**.

PROJECT PURPOSES

- To provide housing for high-demand career education, workforce development, and continuing education programs in the growing fields of digitally based careers.
- 2. To serve as the epicenter of district-wide virtual learning functions such as digitally based pedagogies and teaching/learning modalities, instructional design, faculty professional development, and learning technologies. The center will centralize and coordinate virtual learning functions that are currently housed in various WCCCD buildings, thus expediting the needed redesign and expansion of these functions.
- 3. Based on lessons learned during the COVID-19 pandemic, to proactively develop WCCCD as a digital enterprise in parallel to its well-established on-campus and in-person teaching and learning modalities.
- 4. Based on lessons learned during the COVID-19 pandemic as African Americans and other students of color were disproportionally impacted by the lack of computers and internet access, to develop WCCCD's future program and facility initiatives through an equity-driven lens. For low-income students from underrepresented and underserved populations, WCCCD's digitally based career programs will likely be their only entry point to a wide variety of tech-related employment options.

SCOPE OF THE PROJECT

Career and workforce education: The Center for Virtual Learning and Digital Careers is to be the district-wide hub for providing state-of-the-art career education, workforce development, and continuing education programs that enable students to develop technical and professional skills critical to success in the growing digital/media production, digital communications, web design, digital photo technology, digital/media production, graphic design, media design, media project management, and visual arts fields. Graduates will be able to become entry-level professionals in these fields or transfer to a baccalaureate institution for advanced study.

District-wide virtual learning epicenter: The Center for Virtual Learning and Digital Careers will serve as the district-wide epicenter for advancing virtual learning in all career education, university transfer and general education, workforce development, and continuing education programming in areas such as distance learning, learning technologies, digitally based pedagogies, instructional design, and faculty professional development. This will coordinate the virtual learning components that are currently dispersed across various buildings. Faculty members will be provided with opportunities for professional development, digital repository of instructional materials, faculty lecture capture, and a new distance learning platform. The center will offer full production opportunities including video/audio production and a complete editing suite for digital video taping. Faculty, staff, and community members will have the ability to produce broadcast-quality lectures, interviews, meetings, webinars, and continuing education courses all at one location. It will facilitate the needs of students and faculty in the proctoring of examinations that can accompany various distance learning modalities. Faculty, staff, and community members can utilize technology-enhanced meeting space within the center. Through the center's video production suite and other digital media sources, a digital repository will house the various instructional materials.

Community leadership and engagement: The center will also serve as a hub to link digital and visual communications services to area high schools and Wayne County communities. It will serve as a resource for high school dual enrollment students and for students enrolled in secondary courses in digital and media communications, design, and visual arts fields. As well, it will be a resource for public school faculty and administrators, businesses, and communities in the areas of professional development, videoconferencing, video interviewing, technology-aided meetings, distance learning, and video links to global instructional resources.

The specific new programmed spaces for the Center for Virtual Learning and Digital Careers are indicated in detail on the following chart:



Space Description - Character/Room Use Categories	Number of Room/Spaces	Workstations Per Room	Square Feet Each	Net Square Fee
LEARNING SPACES	Roomopaces	Fei Room	Edul	Square ree
Production breakout	2	6	250	500
Classrooms	3	24	800	2,400
Divisible classroom	1	48	1.500	1,500
Art classroom	1	24	750	750
Lah	i	32	1.000	1.000
Production studio	i	32	1,200	1,200
Podcast studio	i	12	300	300
Production editing	1	6	500	500
Editing breakout	3	1	40	120
Isolation studio	1	i	100	100
Recording studio	i i	2	300	300
TOTAL LEARNING SPACES	1	188	300	8,670
	450/	100		
INTRADEPARTMENTAL CIRCULATION	15%			1,301
FACULTY SUPPORT				
Faculty work station	2	1	40	80
Faculty collaborative planning/conference room	1	8	240	240
TOTAL FACULTY SUPPORT		9		320
INTRADEPARTMENTAL CIRCULATION	15%			48
INSTRUCTIONAL SUPPORT				
Lobby/student commons/exhibition gallery 1/100	1	15	1,500	1,500
Server room/IT	1		100	100
Vending	1		100	100
Print room	1		200	200
Equipment lending	1		100	100
Production storage	i		250	250
Observation and control room	2	6	500	1,000
Storage	1		100	100
TOTAL INSTRUCTIONAL SUPPORT	- 1	21	100	3,350
INTRADEPARTMENTAL CIRCULATION	4%			134
INTRADEFARTMENTAL CIRCULATION	470			134
ADMINISTRATION				
Office	2	1	100	200
Clerical support	1	1	80	80
Conference room	1	8	240	240
Waiting	1	4	100	100
Work room/storage	1		150	150
TOTAL ADMINISTRATION	450/	14		440
INTRADEPARTMENTAL CIRCULATION	15%			116
2		Net area		13,110
	To	otal stations		232
		Net area		13,100
		al area (1%)		131
	ntradepartmental			1,598
Interde	partmental (15%)	circulation		1,967
		al area (8%)		1,049
	Constructio			1,049
		square feet		18,903
		Efficiency		69.35%

PROGRAM FOCUS OF OCCUPANTS

The Center for Virtual Learning and Digital Careers will house new digitally based career education programs such as digital/media communications, digital technology, multimedia production, digital equipment technology, web design, graphic design, and visual arts. In addition, the center will lead in the development of new digitally based career education programs as determined by projected demand and employment growth. This will include new programs to keep pace with emerging trends in the dynamic field of information technology such as UI/UX (user interface/experience), digital marketing (social media, blogging podcasts, search-engine optimization), and blockchain technology (digital ledgers for tracking and securing transactions across business networks such as cryptocurrency).

As well, the center will provide enhanced facilities for some of WCCCD's existing technology-based associate-degree and certificate programs, and will coordinate those programs that will continue to be provided at the five campuses, such as:

Associate in Applied Sciences

- Computer Aided Design
- Digital Media Production
- Product Development Prototyping (3D)
- Office Information System E-Business

Certificate programs

- Graphic Design Technology
- Computer Aided Design Industrial Computer Graphics
- Computer Information System: Cybersecurity
- Computer Information System: Video Game Design and

Animation

- Computer Information System: Website Developer
- Computer Information System: Metaverse Programming
- Digital Media Production
- Digital Photography Technology
- Digital Photography Technology: Forensic Photography

Short-term certificates

- Computer Information System: Ethical Hacker
- Computer Information System: Database Administrator
- Computer Information System: Network+
- C Office Information System E-Business
- Product Development Prototyping (3D) Introduction to Rapid Prototyping
- Product Development Prototyping (3D) Advance Rapid Prototyping

As the district-wide hub for the development and coordination of digitally based programming, the center will also support WCCCD's Division of Workforce and Economic Development and School of Continuing Education in offering non-credit short courses, workshops, and tailored workforce education programs through on-line, videoconferencing, hybrid,

KEY FACILITY FEATURES

or on-site modalities.

Professional Development

The Center for Virtual Learning and Digital Careers will create and coordinate professional development opportunities for WCCCD staff and faculty, as well as workforce development for business and industry that can be delivered through multiple distance learning modalities including:

- Webinars
- On-line instruction
- Videoconferencing
- Virtual Classroom

Videoconferencing

The ability to meet "real-time" with colleagues, business partners, and community organizations while remaining local can be a valuable asset. Videoconferencing will allow for:

- Meetings (public service announcements, prerecorded seminar viewing, etc.)
- Employment Services (video conference interviewing)
- Classes and guest speakers

Video/Audio Production

The center will offer full production opportunities including video/audio production and a complete editing suite for digital video taping. Faculty, staff, and community members will have the ability to produce broadcast-quality lectures, interviews, meetings, webinars, continuing education courses, etc., all at one location.

Onsite Technical Support

The center will provide technical support to faculty, staff and students for the various complexities that can accompany digital/media communications, distance learning and technology-based formats.

Instructional Design

The center will provide support to faculty members as they design technology-aided courses and programs.

Proctoring

The center will coordinate and facilitate the needs of WCCCD students, as well as those from other educational institutions, in the proctoring of examinations that can accompany various distance learning modalities.

Meeting space

Faculty, staff, and community members can utilize technology-enhanced meeting space within the center.

Digital Repository

Through the center's video production suite and other digital media sources, a digital repository will be created to house various materials. Through one source faculty, staff, and the community will have the opportunity to "shop" within the repository to meet their lecture, meeting, or professional development needs such as:

- List of webinars
- Workforce development training
- Link to continuing education courses
- Lecture capture

Project scope		18,903 square feet new
		8,535 square feet renovation
Building (new)	\$345/sf	\$6,521,535
Building (renovations)	\$125/sf	\$1,066,875
Site work		\$500,000
Subtotal		\$8,088,410
Contingency—7.0 %		\$566,189
Subtotal		\$8,654,599
General conditions—7.5%	6	\$649,095
Contractor fees, overhea	d, profit—10.0%	\$865,460

Total estimated construction cost	\$10,169,153
Furniture, furnishings, and equipment—\$20/sf	\$378,060
DTMB Office of Facilities fees—2.0%	\$203,383
Testing/reviews/reimbursables—0.5%	\$50,846
Architectural/engineering fees—7.5%	\$762,687
Total estimated project cost	\$11,564,129

PRELIMINARY PROJECT SCHEDULE

- a. State planning authorization: 2023
- b. Initial plans and program statement: 2023
- c. State review and approval: 2024
- d. Preliminary and final design: February-May 2024
- e. State review and approval: June 2024
- f. Start of construction: September 2024
- g. Completion of project: July 2025



ADDITIONAL INFORMATION:

1. How does the project support Michigan's talent enhancement, job creation, and economic growth initiatives on a local, regional and or statewide basis?

There are employment and career opportunities in the WCCCD service area in occupations such as video editor, producer, director, video and sound engineering technician, videographer, audio technician, and camera operator. The average annual earnings for a person with an associate's degree in these fields is \$55,000 (26.50 per hour).

- Video editors and camera operators: Median 2017 pay was \$58,210; job outlook for 2016-26 is 13 percent growth.
 Those who earn associate's degrees will qualify for entry-level positions.
- Graphic designers: Median 2017 pay was \$48,700; job outlook for 2016-26 is 4 percent growth. Those who earn associate's degrees will qualify for entry-level positions.
- Multimedia artists and animators: Median 2017 pay was \$70,530; job outlook for 2016-26 is 8 percent. These careers may require a bachelor's degree; WCCCD graduates may seek an entry-level position while pursuing a bachelor's degree.

Employers in the Wayne County region will benefit from the programs of the Center for Virtual Learning and Digital Careers as they will have access to highly skilled graduates who will contribute to their economic success.

Benefits to State Taxpayers

The Center for Virtual Learning and Digital Careers will serve a truly diverse student population, including many from low-income backgrounds. The State of Michigan taxpayers benefit when low-income students become employable,

are taxpayers, and are removed from government assistance programs. The taxpayers also benefit when individuals have the up-to-date job skills that businesses and communities need in order to advance the economic viability of the Wayne County region and the State of Michigan.

Local and regional benefits

In its 2012 Detroit Strategic Framework Plan, Detroit Future City (DFC) noted that employment in Detroit was projected to increase by just 1.6 percent through 2030 compared to an average of 3.3 percent for all of Southeast Michigan and 7.5 percent nationwide To change that trajectory, the independent planning and research organization with a 50-year vision for the city's revitalization focused on four key pillars of employment accounting for well over half of Detroit's job base: education and medical employment, digital and creative jobs, industrial employment, and local entrepreneurship. Because WCCCD contributes in some way to all four sectors, all will benefit from the new Center for Virtual Learning and Digital Careers as part of the digital/creative pillar described in the following excerpt from DFC's strategic plan:

"Digital/creative includes companies in Information Technology (IT) but more broadly, companies that use web-based technologies and platforms to deliver service. The Digital clusters are centered around a few large downtown companies that specialize in IT outsourcing for large corporate clients (GalaxE, Strategic Staffing Solutions, VisionIT) but also Quicken, a mortgage lending company that revolutionized the use of on-line platforms in consumer lending; and Crain Communications, which makes broad use of digital media. The downtown New Economy cluster is part of a larger regional cluster that includes the IT divisions of global companies like General Motors and General Electric. Although still small relative to its potential, Detroit has one of the fastest-growing IT clusters in the country and is a key reason why the Detroit metro area led the United States in tech-related job growth in 2010. Detroit's creative cluster, which specializes in areas like design, advertising, and talent management, can be found in every part of the city but is most highly concentrated along the so-called Creative Corridor and in Northwest around McNichols Road," While overall job growth in Michigan is expected to increase by 1.2 percent

from 2018 to 2028, computer and mathematical occupations are projected to grow by nearly four times as much at 4.6 percent, according to the Michigan Department of Technology, Management and Budget, Bureau of Labor Market Information and Strategic Initiatives. WCCCD already offers programs in some of the highest-growth computer-science areas such as cyber security (expected to grow by 25 percent from 2018–28) and software application development (17.2 percent); upgrades and additions within the Center for Virtual Learning and Digital Careers will be based on their potential for similar impact.

2. How does the project enhance the core academic, development of critical skill degrees, and/or research mission of the institution?

WCCCD's mission is to empower individuals, businesses, and communities to achieve their higher education and career advancement goals through excellent, accessible, culturally diverse, and globally competitive programs and services. "Honoring Diversity" is one of WCCCD's board-approved value statements. The Center for Virtual Learning and Digital Careers will enhance the district's capacity to serve all the constituencies indicated in the mission statement: individual students, businesses, and communities. The majority of our students come from low-income populations that are underrepresented in higher education and would otherwise have no other opportunity to join the middle class by preparing for better, higher-paying jobs and careers in growing fields such as the digital-information-technology sector.

Since its founding in 1969, WCCCD has embraced its core commitment to open-door access and the equitable treatment of all stakeholders. That mission is especially challenging and complex in urban settings like Detroit, where inequity abounds and, in many cases, has only worsened over the past 50 years. Once the fourth-largest city in the country, it is now the 27th. Seventy-seven percent of its 670,000 residents are African-American; 35 percent live in poverty compared to a statewide rate of 13 percent and national rate of 10.5 percent. Detroit Future City examined the consequences of such disparity in its

2021 report on The State of Economic Equity in Detroit with summary findings in six focus areas:

- The middle class remains out of reach for many and inequities persist. Median income in Detroit is half that of the region. Median income has recently increased by 60 percent for white Detroiters compared to 8 percent for African-American Detroiters.
- Employment remains out of reach for many African-American Detroiters. The unemployment rate for African Americans is
 - 1.5 times that of white people.
- Small businesses need more access to capital. Among the top 100 U.S. cities, Detroit ranks 99th in entrepreneurship rate.
- The Michigan educational system is not adequately preparing all students for the workforce. In Detroit, only 17 percent of residents have a bachelor's degree or higher (about half the rate of the region). Only 17 percent of Detroit's third graders are proficient in English language arts, compared to 43 percent across the region.
- Life expectancy in Detroit is five years lower than surrounding areas. Only 72 percent of foreign-born residents who have not yet become citizens have health insurance, compared to 92 percent for the city as a whole.
- Detroit's neighborhoods must be strengthened. Only 5 percent of Detroit's residents live in a middle-class neighborhood, compared to 59 percent in the region. Sixty-two percent of renters are housing cost-burdened, meaning they spend more than 50 percent of their pre-tax income on housing and basic utilities.

Inequity and core academics

Basic digital and technology competencies have become as critical to core academics as reading, writing and math. But when WCCCD was compelled by the COVID-19 pandemic to move most of its classes to on-line instruction,

another measure of inequity was underscored by the revelation that 60 percent of our students had no Wi-Fi access at home. Detroit households rank last among the biggest U.S. cities for computer connectivity—not for lack of high-speed broadband availability, but due more to the cost. According to the U.S. Census Bureau, 92 percent of U.S. households have at least one type of computer and 85 percent have a broadband internet subscription; in Detroit, 82 percent have computers (including smartphones) but only 64 percent have high-speed internet connections.

Many efforts are underway to address that deep digital divide. The Federal Communications Commission is providing emergency broadband vouchers for low-income households throughout the country. A new Michigan High-Speed Internet Office has been established to coordinate investments in broadband infrastructure and utilization. And the city just launched Empowering Digital Detroit, a campaign to recondition used computers for distribution to families in need. WCCCD's mission is to support all such initiatives while continuing to build the educational infrastructure that is necessary to the success of our students and community. Despite the significant barriers many must overcome to achieve their educational and life goals, thousands do succeed every year because of WCCCD's equity-driven facilities, programs, services and technology. This open-door mission will be further advanced by the new Center for Virtual Learning and Digital Careers.

3. Is the requested project focused on a single, stand-alone facility? If no, please explain.

Yes.

4. How does the project support investment in or adaptive re-purposing of existing facilities and infrastructure?

The Center for Virtual Learning and Digital Careers will involve the repurposing and extensive renovation of the existing 8,535 square foot Center for Learning Technology as well as an 18,903 square foot addition to provide the laboratories, studios, and classrooms needed to house new digitally based career education programs and virtual learning support services.

5. Does the project address or mitigate any current health/safety deficiencies relative to existing facilities?

If yes, please explain.

No, the Center for Virtual Learning and Digital Careers will meet all current health/safety requirements.

6. How does the institution measure utilization of its existing facilities, and how does it compare relative to established benchmarks for educational facilities? How does the project help to improve the utilization of existing space and infrastructure, or conversely how does the current utilization support the need for additional space and infrastructure?

The new center will include specialized laboratory spaces that do not currently exist at any WCCCD campus locations. Based on research on the emerging employment patterns in the Wayne County region, it is expected that these spaces will be well-utilized.

The effective utilization of facilities is an important objective of WCCCD. The district conducts space utilization studies for all classrooms and laboratories on an annual basis. Accepted benchmarks for community college laboratories are 18-22 hours per week depending on discipline, which on average is being achieved at all WCCCD campus locations. Facility utilization rates did decline during the COVID-19 pandemic, but the expectation is for a return to established standards.

7. How does the institution intend to integrate sustainable design principles to enhance the efficiency and operations of the facility?

It is WCCCD's intention to develop the Center for Virtual Learning and Digital Careers with at least LEED Gold Certification. Serious study and consideration are being given to the development of a carbon neutral net zero energy facility.

8. Are match resources currently available for the project? If yes, what is the source of the match resources? If no, identify the intended source and the estimated timeline for securing said resources.

Yes. In November of 2018, voters of the District approved 3.25 permanent mils, designed to fund both operational and capital expenditures.

9. If authorized for construction, the state typically provides a maximum of 75% of the total cost for university projects and 50% of the total cost for community college projects. Does the institution intend to commit additional resources that would reduce the state share from the amounts indicated? If so, by what amount?

WCCCD is willing to exceed minimum matching requirements as a means of cooperating with the State of Michigan and as a contribution to achieving the success of this extremely important project.

10. Will the completed project increase operating costs to the institution? If yes, please provide an estimated cost (annually, and over a five-year period) and indicate whether the institution has identified available funds to support the additional cost.

WCCCD anticipates increased utility costs of less than \$20,000 per year which will be accommodated in the yearly operating budget. However, serious study and consideration are being given to the development of a carbon neutral net zero energy facility which would reduce increased utility costs to less than \$2,000 per year.

Personnel costs for full-time faculty and administration will not increase because this work will be covered by present faculty and staff. Needed part-time faculty and technician-level staff will be added which will be accommodated in the annual operating budget.

11. What impact, if any, will the project have on tuition costs? Since a WCCCD designated capital fund and matching state capital outlay funding will fund this project, no impact on student tuition and fees is anticipated because of this project.

12. If this project is not authorized, what are the negative impacts to the institution and its students?

- Current and potential WCCCD students will not be empowered to enter and advance in careers in the digital media, communications, design, and visual arts fields.
- WCCCD will not fully serve the needs of regional employers for highly qualified persons in these growing fields.

13. What alternatives to this project were considered? Why is the requested project preferable to those alternatives?

Since the Center for Virtual Learning and Digital Careers focuses on new digitally based career education programs, there are no specialized appropriate learning spaces on any of the existing WCCCD campuses for these programs. Since the technology-based programs and services of the existing Center for Learning Technology are supportive of the purposes and functions of the new center, the site of the existing building was determined to be the best location for this repurposing, expansion, and renovation project. The new center will encompass the programs and functions of the existing center as well as new programs and services, so the name of the expanded building will be changed to the Center for Virtual Learning and Digital Careers.

APPENDIX C RENOVATION AND MAINTENANCE PROJECTS

INTRODUCTION

Appendix C Lists Completed Projects, Active Projects, and Future Projects.





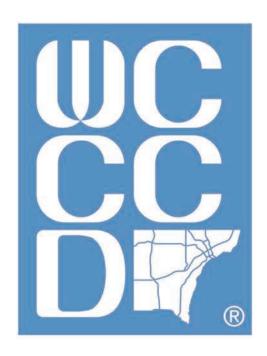
Prioritization of Projects

Fall 2023 Edition



Completed Projects

Fall 2023 Edition



Description		Comp. Date
Department C	e 8,000 SF of the Informational Technology Offices in the District Office Building.	Summer 2019
IT Department Renovation: CLI Ce	ntral Educational Complex	
the Structural	essment & Develop Construction Drawings for all Concerns on the Eastern Campus.	Spring 2019
Structural Engineering Phase II & I	II: Eastern Campus	
	place all damages from the Water Breach on the 2 nd f the District Office.	Spring 2019
2 nd & 3 rd Floor Water Damage Remedia	tion: CLI Central Educational Complex	

	Description	Comp. Date
CAT	Tear out and Replace the Downtown Campus Entrance to the Lot 6 Alley.	Spring 2019
Lot 6 Entry Paving: CLI	Central Educational Complex	
	Remove and Replace overhead Skylight, Due to life safety concerns.	Spring 2019
Skylight Replacement:	Northwest Campus	
	Replace the Broadloom and Stair Carpet in the Downtown Campus Atrium.	Spring 2019
Atrium Carpet Replace	ment: CLI Central Educational Complex	

	Description	Comp. Date
3	Gather a Environmental Survey for the Northwest Campus Welcome center.	Spring 2019
Welcome Center Envir	onmental Survey: Northwest Campus	
Sidewalk Sinkhole Em	Gather a Environmental Survey for the Northwest Campus Welcome center. ergency Repairs: Ted Scott Campus	Summer 2019
	Disconnect Electrical & Plumbing for the removal of all Scrap Metal items on the Second level of the Welcome Center lvaging: Northwest Campus	Spring 2019

	Description	Comp. Date
	Renovate the existing Police Authority Offices and adjacent Computer Lab into the new District Police Authority Offices.	Fall 2019
Police Authority Office	Renovation: Eastern Campus	
	Remediate all Asbestos Containing Materials on the second level of the Welcome Center.	Summer 2019
Welcome Center Reme	ediation: Northwest Campus	
	Demolish and Upgrade all Corridor Ceiling Systems, Lighting and Mechanical on the Downtown Campus.	Fall 2019
Comprehensive Ceiling	Replacement: CLI Central Educational Complex	

	Description	Comp. Date
	Create a Training Center to provide hands-on training in caring for a patient battling Dementia.	Fall 2019
GAB Dementia Patient	Training Room: Northwest Campus	
	Address Site Drainage Issues while enhancing the Landscape of the Ted Scott Campus from the entry approach to the front door of the campus.	Spring 2019
Site Improvement Proj	ect: Ted Scott Campus	
	Renovate all the Downtown Campus Vestibules, with New Curtain Wall system.	Summer 2019
Vestibule Renovation:	CLI Central Educational Complex	

	Description	Comp. Date
Exterior Restoration: C	The restoration of the Exterior Curtis L Ivery Educational Complex District Office. CLI Central Educational Complex	Winter 2019
	The Painting of all common areas on the Eastern Campus, including all unpainted concrete blocks in the lobby.	Winter 2019
Comprehensive Painti	ng: Eastern Campus	
	The replacement of all second-floor exterior windows of the Denise Wellons-Glover Welcome Center.	Summer 2019
Welcome Center Exter	ior Window Replacement: Northwest Campus	

	Description	Comp. Date
	Replace defected concrete flatwork, curbs & Stairs throughout the entire Curtis L Ivery Central Educational Complex.	Spring 2020
Site Concrete Replacer	ment: CLI Central Educational Complex	
Concrete Replacement	Replace defected concrete flatwork, curbs & Stairs throughout the Northwest Campus.	Summer 2020
R NAMES OF PARTY.	Replace defected exterior sealant around the entire parameter of the Denise Wellons-Glover Welcome Center.	Summer 2020
Welcome Center Lowe	er Level Coping Sealant: Northwest Campus	

	Description	Comp. Date
	Replace defected concrete flatwork, curbs & Stairs throughout the entire Curtis L Ivery Central Educational Complex.	Fall 2020
AAB Fire Panel Replace	ement: Northwest Campus	
	Remove all Heating and Cooling Blockage for the Financial Aid Office in the Welcome Center to allow full airflow.	Fall 2020
Financial Aid Office HV	/AC Improvements: Northwest Campus	
	Complete replacement Area H of the Health Science Center's Roof.	Fall 2020
Health Science Center	Roof Replacement Part I: Northwest Campus	

	Description	Comp. Date
	Install Tempered glass in each dental lab cell to better suit lab for PPE.	Spring 2020
Dental Lab Partitioning	g: Northwest Campus	
	Complete replacement Area F of the Health Science Center's Roof.	Spring 2021
Health Science Center	Roof Replacement Part II: Northwest Campus	
	Fill the existing Hydraulic pit in the Eastern Campus Auto bay with engineered soil and concrete.	Spring 2021
Hydraulic & Foundation	n Demolition: Eastern Campus	

A SOLUTION OF THE PARTY OF THE	Description	Comp. Date
Powerhouse Puilding	Completely clean the Powerhouse Building from all hazardous pigeon guano, debris, and waste. Cleanout: Northwest Campus	Summer 2021
Powerflouse Building (cleanout. Northwest Campus	2
	Replace all damaged glass and remove the boarded windows on the north side of the Powerhouse Building.	Summer 2021
Powerhouse Building (Glass Replacement: Northwest Campus	
	Seal the entire south facing skylight glazing system of the Laboratory Science Building to prevent further glazing related water leaks.	Summer 2021
LSB Skylight Sealing: N	orthwest Campus	

Des	scription	Comp. Date
(3)3)3/4 (Ce)	moval eight planters from the landscaping of the Welcome nter, to enhance the openness of the building's entryway. Removal: Northwest Campus	Summer 2021
The second content in		E
Glo	,000 sf renovation of the Second Floor of the Denise Wellons- over Welcome Center. Complete with Three Banquet Halls, mmercial Kitchen, Green Rooms, Lounges, Classrooms etc.	Summer 2021
Welcome Center Renovat	ion Phase I: Northwest Campus	
Co	mplete the City of Detroit's study and application for or o	Summer 2021
City Stormwater Credits:	Northwest Campus	

	Description	Comp Data
	Integrate the New Fire Panel for the 2 nd floor to the Lower level & Main Level of the Denise Wellons-Glover Welcome Center.	Fall 2021
Welcome Center Fire P	anel Replacement: Northwest Campus	
	Selectively remove environmentally hazardous materials from the basement of the AAB building.	Fall 2021
AAB Selective Demolit	ion: Northwest Campus	
EJH CONTRUCTION GOOD COTHICLES LEGO SS 4534 DETAIL EARCE	Replace two damaged window panels from vandalism on the Eastern Campus.	Fall 2021
Emergency Glass Repl	acement: Eastern Campus	

	Description	Comp. Date
	Reroute the existing sump pump drain underground to the nearest sewer drain. University Center	Summer 2021
	Removal all visible overhead concrete hazards due to the structural conditions on the Eastern Campus.	Summer 2021
Structural Debris Remo	val: Eastern Campus	
	Remove and relocate six wall mounted air-cooling units to the perimeter walls.	Fall 2021
GAB Classroom Alterna	tions - HVAC: Northwest Campus	

	Description	Comp. Date
	Selectively abate and demo the Academic Administration Building to prepare for the construction of the new City of Detroit's Police Academy.	Summer 2022
AAB Demolition: Nort	nwest Campus	
	Address the exterior standing water outside of the Laboratory Science Building, to prevent further water damage to the LSB.	Summer 2021
LSB Site Drainage: Nor	thwest Campus	
	Develop 3 designs to maximize the Eastern Campus impact on the environment and stormwater credits with the City of Detroit.	Spring 2022
Campus Stormwater D	esign: Eastern Campus	

		,
	Description	Comp. Date
	Replace the entire roofing system in the Academic Administration Building.	Summer 2022
AAB Roof Replacemen	nt: Northwest Campus	
	Coat the Denise Wellons-Glover Roof with a Silicone Roof Coating to give further protection from water leakage.	Summer 2022
Welcome Center Roof	Coating: Northwest Campus	
	Replace the damaged granite skirting on the countertops.	Spring 2022
Restroom Granite Rep	lacement: CLI Downtown Campus	

	Description	Comp. Date
O CONTRACTOR OF THE CONTRACTOR	Prepare the GAB Lower Level to receive the Detroit Police Department Academy activity.	Spring 2022
GAB Lower Level Altera	ations: Northwest Campus	
	Convert the existing Men's and Women's restrooms to Showering rooms in the AAB for the use of the Detroit Police Department Academy.	Spring 2022
GAB Restroom to Show	ver Conversion: Northwest Campus	
	Close opening in the exterior soffit of the Powerhouse Building.	Summer 2022
Powerhouse Soffit Repa	air: Northwest Campus	

Descrip	otion	Comp. Date
Campu	t the existing Art room on the Curtis L Ivery Downtown is to a new cutting-edge Physical Therapy Lab.	Summer 2022
Physical Therapy Lab: CLI Do	wntown Campus	
	e the existing computer lab with a new ceiling system, painting and accessories.	Summer 2022
Classroom Improvements: Downriver Campus		
	te the exterior doors to the CLI Downtown campus and the or doors in poor condition.	Summer 2022
Interior/Exterior Door Repla	cement: CLI Downtown Campus	

	Description	Comp. Date
	Remove and replace the piping leading from 3 roof drains in the Welcome Center to correct water leaks.	Spring 2023
Roof Drain Piping: No	thwest Campus	
	Sealcoat and restripe all asphalt surfaces district wide. Complete tear out and repaving of the Welcome Center, Downriver and Downtown Campus lots	Spring 2023
Asphalt Pavement Ma	intenance 2022: District Wide	
	Build a new concessions stands in the lobby of the new Wellness Center	Winter 2023
Concession Stand: We	liness Center	

	Description	Comp. Date
	Complete replacement of the existing Fire alarm system for the Eastern Campus. Including new Fire Panel, Wiring, Horns & Strobes.	Spring 2023
Fire Panel Replacemen	nt: Eastern Campus	

Active Projects

Fall 2023 Edition

3 Projects



	Description	Comp. Date
Steam & Laundry Poor	Convert existing laundry room into a steam room and relocate laundry room. The alth & Wellness Center	Fall 2023
Steam & Lauridi y 1000	II. Health & Welliess Center	
	Renovate the academic administration building for the use of the Detroit Police Department as their sole Police Academy.	Fall 2023
AAB/DPD Academy Renovation: Northwest Campus		
	Reassemble the suspended ceiling system in the Larry Lewis Educational Center to improve the security of the ceiling system.	Fall 2023
Larry Lewis Ceiling Imp		

Upcoming Projects

Fall 2023 Edition



Upcoming Projects 2023

- Curtis L. Ivery Administration Building Lobby Ceiling Replacement
- Ted Scott Campus Restrooms Renovation
- Ted Scott Campus Nursing Lab Renovation
- Center for Virtual Learning and Digital Careers Program

2023



801 W. Fort St. Detroit, MI 48226

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CAMPUS LOCATIONS

CURTIS L. IVERY DOWNTOWN CAMPUS

1001 W. Fort Detroit, MI 48226 313-496-2758

DOWNRIVER CAMPUS

21000 Northline Taylor, MI 48180 734-946-3500

EASTERN CAMPUS

5901 Conner Detroit, MI 48213 313-922-3311

MARY ELLEN STEMPFLE UNIVERSITY CENTER/ CENTER FOR LEARNING TECHNOLOGY

19305 Vernier Road Harper Woods, MI 48225 313-962-7150

NORTHWEST CAMPUS

8200 West Outer Drive Detroit, MI 48219 313-943-4000

TED SCOTT CAMPUS

9555 Haggerty Belleville, MI 48111 734-699-7008