# Higher Education in Metropolitan Memphis Agenda:

1. (20 Minutes)

THE UNIVERSITY OF MEMPHIS®

Dreamers. Thinkers. Doers.

FACILITIES MASTER PLAN UPDATE

2. (10 Minutes)

SOUTHWEST
TENNESSEE COMMUNITY COLLEGE
DISTRICT-WIDE MASTER PLAN











## THE UNIVERSITY OF MEMPHS.

**Dreamers. Thinkers. Doers.** 

**FACILITIES MASTER PLAN UPDATE** 

FINAL MASTER PLAN PRESENTATION | 2015











- 1 Process Overview
- 2 Campus Master Plans
- 3 Realizing the Vision





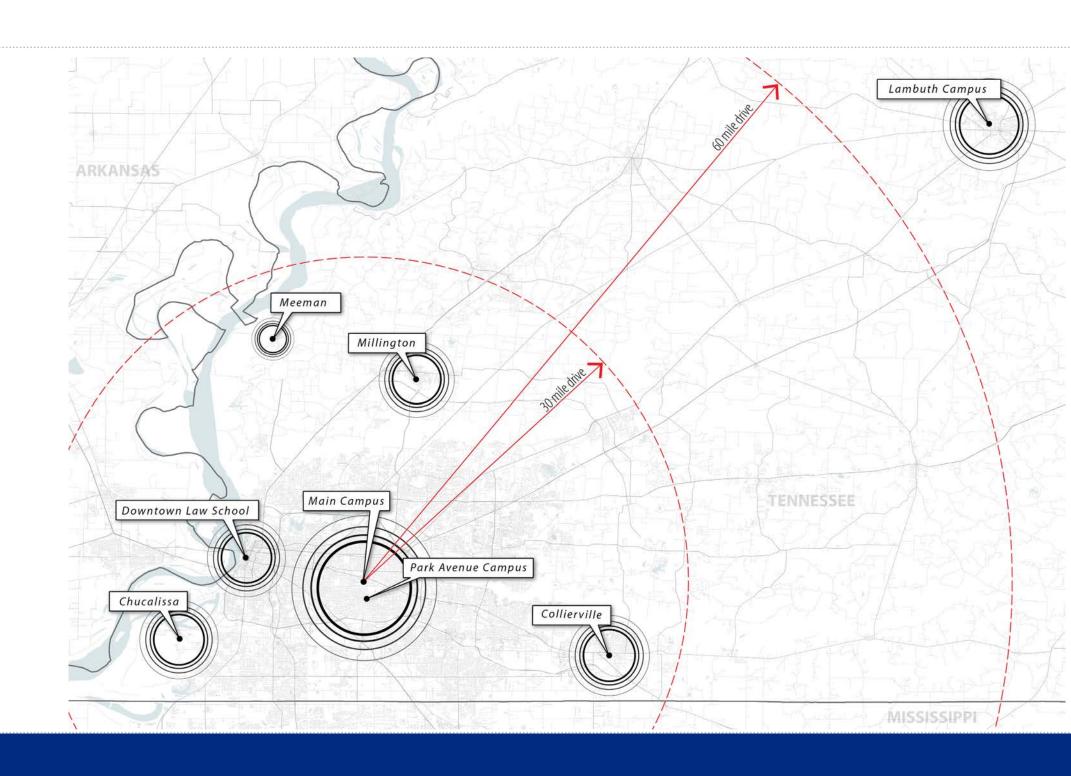




Agenda

#### Purpose of the Plan

- 5-Year Update to Facilities Master Plan
- Encompasses all <u>8</u> U of M Locations
- Embraces Campus and Community
- Provides a Long-Range Vision
- Flexible Framework for Development
- Optimizes Resources and Adjacencies
- 5 Step Master Plan Process:
  - 1 Discovery & Goal Setting
  - 2 Analysis & Space Needs
  - 3 Idea Generation
  - 4 Refinement
  - 5 Documentation



#### A Comprehensive Planning Effort



FOR THE PARTY OF T





MAIN CAMPUS

STEM CORROSO

THE UNIVERSITY OF MEMPHIS
FACILITIES MASTER PLAN UPDATE

STEP PLAN UPDATE

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Master Plan Update

Parking Master Plan

Student Housing Assessment

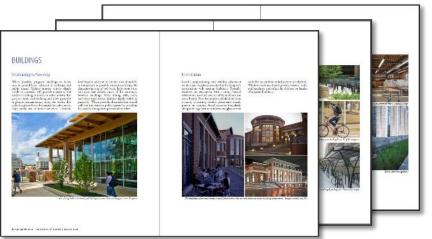
Dining Assessment

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Qualitative Facilities Assessment

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Facilities Assessment



Design Guidelines



## Guiding Principles

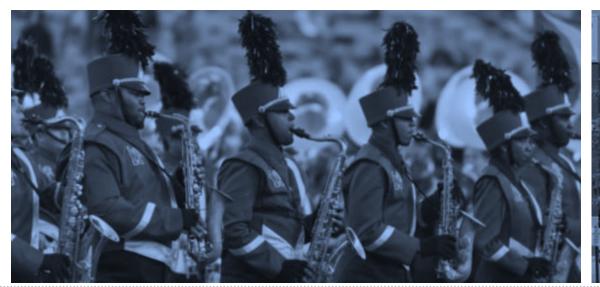
- Encourage opportunities for physical development and the creation of memorable spaces within the center of campus.
- Cultivate a mixed-function, interdisciplinary residential community of learning.
- Develop a master plan based upon the academic mission of the institution that promotes growth and retention of a diverse student body.
- Provide a framework in which the University can participate with its neighbors in planning and improving the environment around the campus.
- Develop a framework of organized growth at the Park Avenue Campus.
- Enhance the Lambuth Campus to encourage it to become an integral part of the University and the community of Jackson.
- Create one interconnected UNI-versity.













Campus Master Plans

#### Main Campus

#### **Key Planning Components**











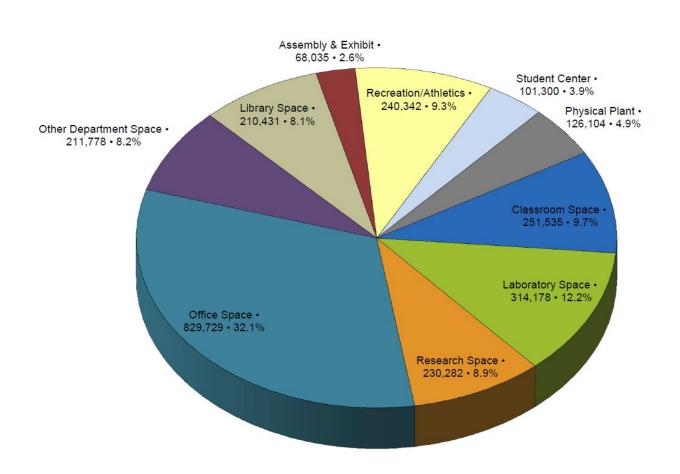








#### Space Planning Metrics – Main Campus + Park Avenue Campus



Existing Assignable Square Feet

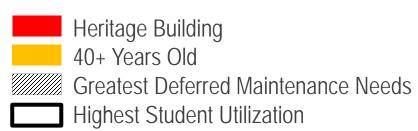
#### Space Needs Analysis | Main Campus + Park Avenue Campus

	Target Enrollment 25,500 Headcount Students						
Space Category	Target Existing ASF	Target Guideline ASF	Surplus/ (Deficit)				
Academic Space	0.						
*Classroom & Service	251,535	252,341	(806)				
*Laboratories	544,460	661,867	(117,407				
*Teaching Laboratories & Service	170,073	156,930	13,143				
*Open Study Laboratories & Service	144,105	135,005	9,100				
*Research Laboratories & Service	230,282	369,932	(139,650				
Academic Space Total	795,995	914,208	(118,213				
Academic Support Space							
*Offices & Service	020 720	050 005					
Offices & Service	829,729	653,235	176,494				
*Library & Collaborative Learning	210,431	226,830					
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*Library & Collaborative Learning	210,431	226,830	176,494 (16,399 (245,658 (58,347)				
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*Library & Collaborative Learning  Recreation / Athletics  *Recreation  Athletics  Assembly & Exhibit	210,431 240,342 103,653 136,689 68,035	226,830 486,000 162,000 324,000 92,064	(16,399 (245,658				
*Library & Collaborative Learning  Recreation / Athletics  *Recreation  Athletics  Assembly & Exhibit  Student Center	210,431 240,342 103,653 136,689 68,035 101,300	226,830 486,000 162,000 324,000 92,064 162,000	(16,399 (245,658 (58,347 (187,311 (24,029 (60,700				
*Library & Collaborative Learning Recreation / Athletics  *Recreation Athletics  Assembly & Exhibit  Student Center Physical Plant	210,431 240,342 103,653 136,689 68,035 101,300 126,104	226,830 486,000 162,000 324,000 92,064 162,000 110,013	(16,399 (245,658 (58,347 (187,311 (24,029 (60,700 16,091				



#### Main Campus – Building Condition

- Heritage buildings in core of campus to be preserved:
  - Administration Building (1912)
  - Mynders Hall (1912)
  - Scates Hall (1922)
  - John Willard Brister Hall (1927)
  - Manning Hall (1930)
- Over 70% of existing facilities are over 40 years old
- Oldest building stock under Tennessee Board of Regents
- Buildings with greatest deferred maintenance are also same buildings with highest weekly student contact hours





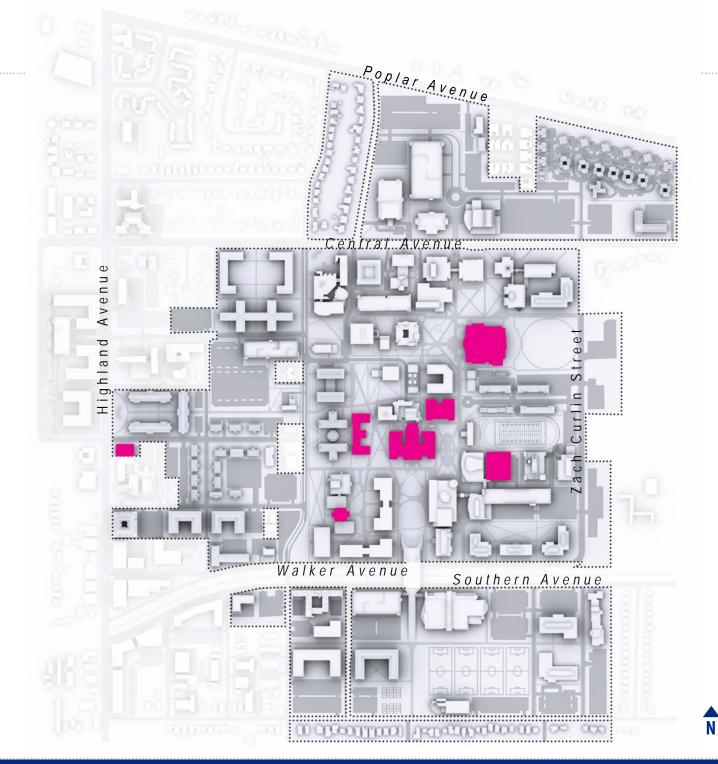
Oplar Avenue



#### Main Campus – Major Renovations

#### Major Renovation Recommendations:

- Elma Roane Fieldhouse
- Administration Building (1st Floor & Auditorium)
- Wilder Tower (Upper)
- Manning Hall
- Ned R. McWherter Library (1st Floor Learning Commons)
- Mynders Hall
- Highland Library (Community & Police Services)





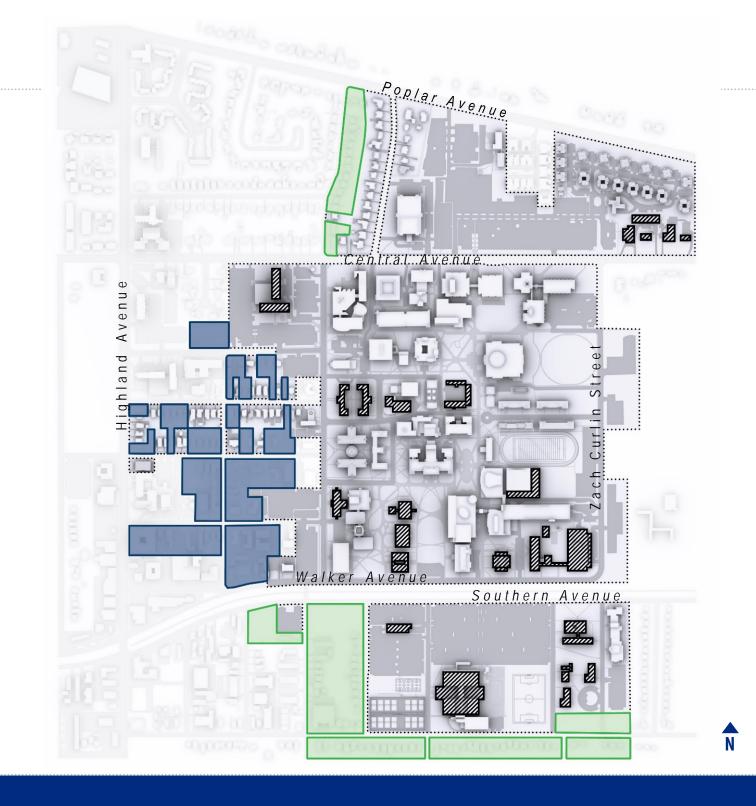


Major Renovations



#### Main Campus – Acquisition Plans

Existing Building
Proposed Building Removal
Acquisition – Priority 1
Acquisition – Priority 2







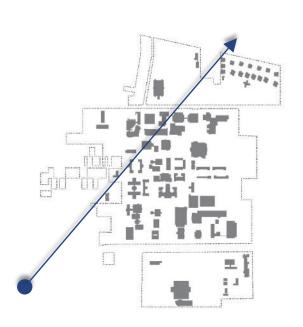
#### Main Campus – Overall (Existing)

UM Existing Building

Campus Green

Athletic Field

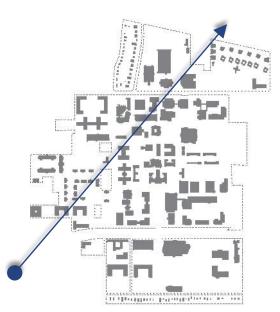
Memorable Open Space





#### Main Campus – Overall (Proposed)

- UM Existing Building
- UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space

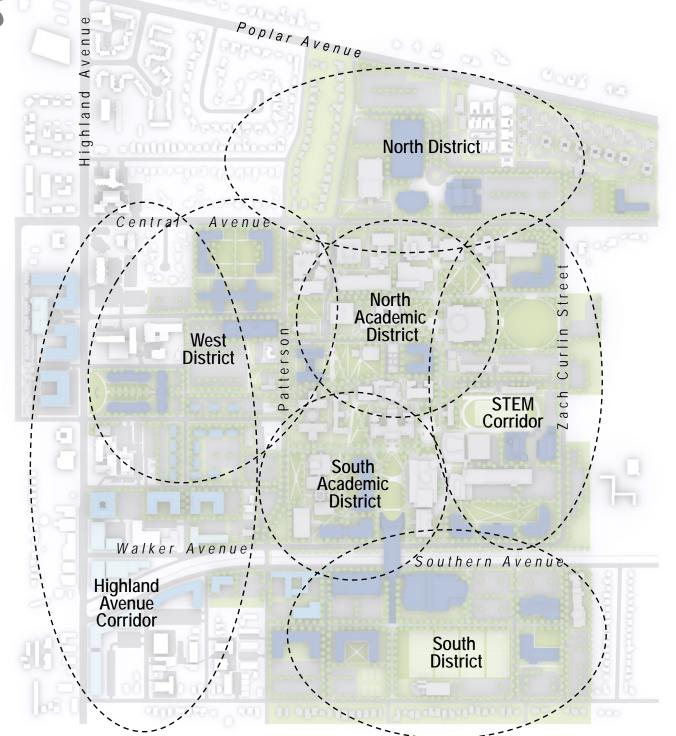




#### Main Campus – Neighborhood Views

#### Design Principles

- Use pedestrian circulation and open space as the organizing elements to better unite campus.
- Create memorable spaces (both inside and outside) that enhance campus life and encourage student success.
- Strengthen campus edges to project a positive public image and better connect with adjacent neighborhoods.

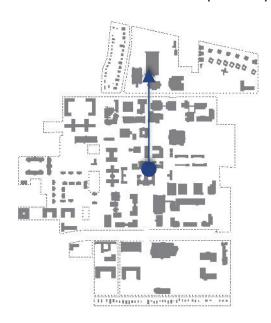






#### Main Campus – North Academic Core (Proposed)

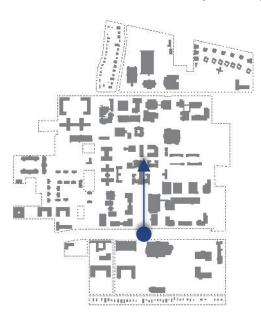
- UM Existing Building
  UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space

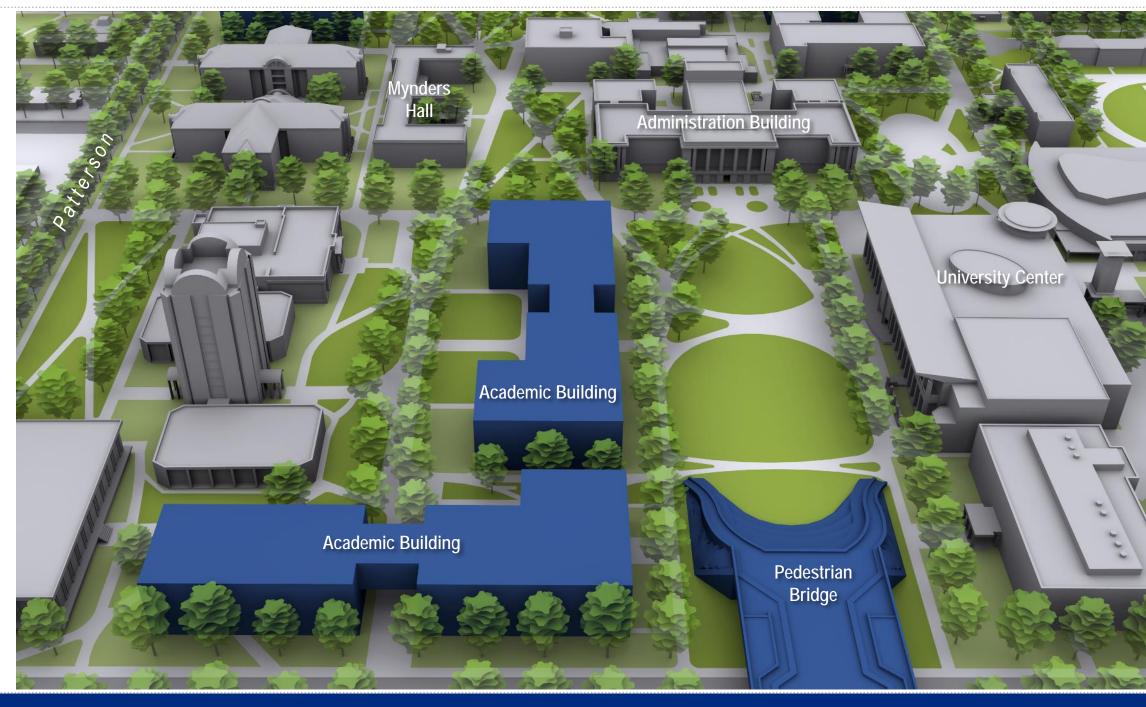




#### Main Campus – South Academic Core (Proposed)

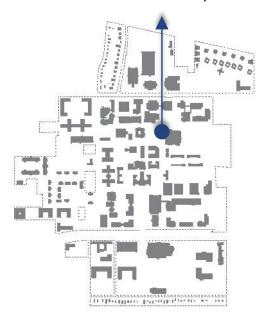
- UM Existing Building
  UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space





#### Main Campus – North District (Proposed)

- UM Existing Building
- UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space





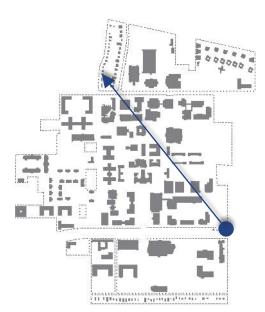
#### Main Campus – STEM Corridor (Proposed)



Campus Green

Athletic Field

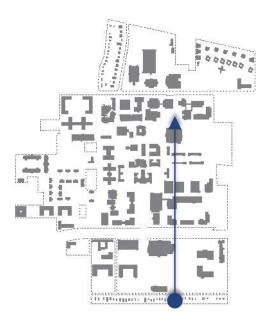
Memorable Open Space





#### Main Campus – South District (Proposed)

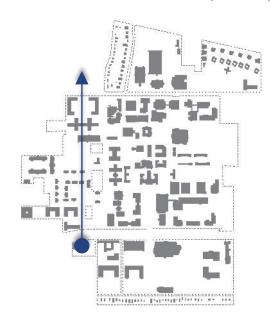
- UM Existing Building
  UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space





#### Main Campus – West District (Proposed)

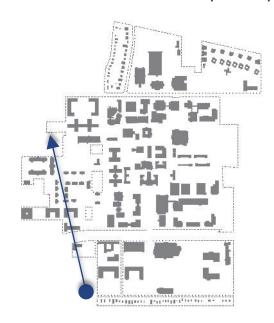
- UM Existing Building
- UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space





#### Main Campus - Highland Avenue Corridor (Proposed)

- UM Existing Building
- UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space

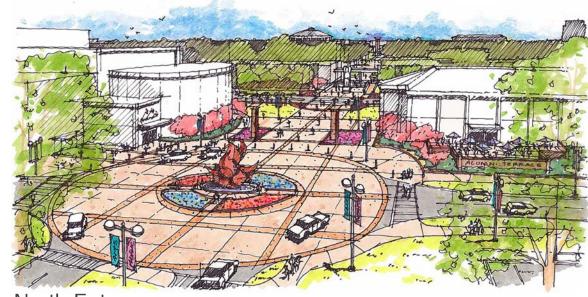






### Campus Enhancements





North Entry



University Center Plaza



Art Plaza



Patterson Street

#### Park Avenue Campus

#### **Key Planning Components**

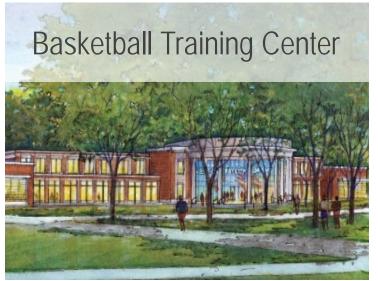
















#### Park Avenue Campus (Existing)

UM Existing Building
Campus Green
Athletic Field
Memorable Open Space



#### Park Avenue Campus (Proposed)

- UM Existing Building
- UM Proposed Building
- Campus Green
- Athletic Field
- Memorable Open Space
- Detention Basin

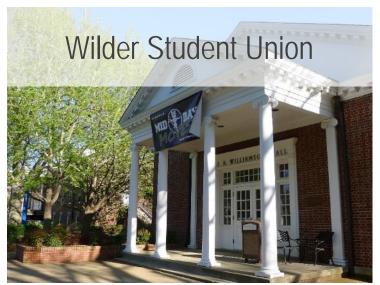
#### Design Principles

- Utilize campus development to activate the Park Avenue and Getwell Road corridors.
- Link campus thru open space.
- Position parking at perimeter to encourage a pedestrian-oriented campus environment.
- Preserve heritage trees whenever possible.



#### Lambuth Campus

#### **Key Planning Components**









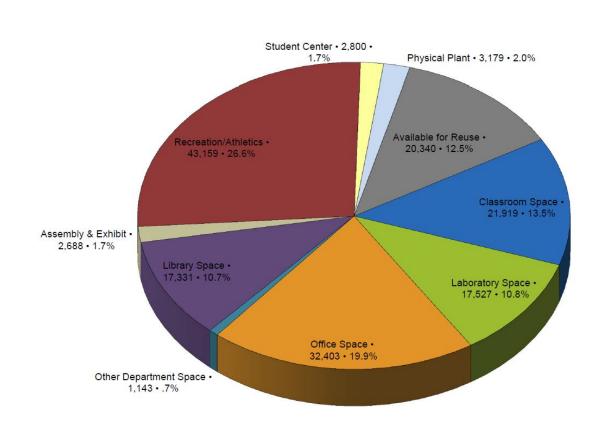








### Space Planning Metrics – Lambuth Campus



Existing Assignable Square Feet

Space Needs Analysis | Lambuth Campus

	Target Enrollment 2,500 Headcount Student						
Space Category	Target Existing ASF	Target Guideline ASF	Surplus/ (Deficit)				
Academic Space		0,000	1016 1011110				
*Classroom & Service	21,919	20,000	1,919				
*Laboratories	17,527	18,125	(598)				
*Teaching Laboratories & Service	17,527	10,000	7,527				
*Open Study Laboratories & Service	0	4,375	(4,375)				
Research Laboratories & Service	0	3,750	(3,750)				
Academic Space Total	39,446	38,125	1,321				
Academic Support Space	341 W 27 TO W	· · · · · · · · · · · · · · · · · · ·					
*Offices & Service	32,403	28,125	4,278				
Learning Commons & Study Space	17,331	17,500	(169)				
*Recreation / Athletics	43,159	50,000	(6,841)				
Assembly & Exhibit	2,688	5,600	(2,912				
Student Center	2,800	12,500	(9,700)				
Physical Plant	3,179	4,668	(1,489)				
Other Dept. Space	1,143	3,750	(2,607)				
Academic Support Space Total	102,703	122,143	(19,440)				
Available for Reuse	20,340	0	20,340				
NON-RESIDENTIAL TOTAL	162,489	160,268	2,221				

ASF = Assignable Square Feet



<sup>\*</sup> Indicates THEC Guideline applied to determine current and future space needs

### Lambuth Campus (Existing)

UM Existing Building

Campus Green

Athletic Field

Memorable Open Space



#### Lambuth Campus (Proposed)

- UM Existing Building
- UM Proposed Building
- Campus Green
- Athletic Field
- Memorable Open Space

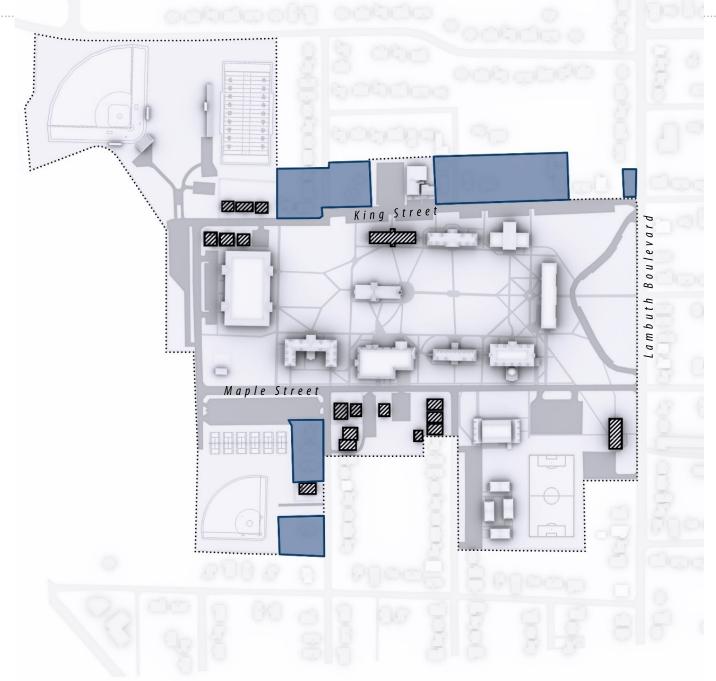
#### Design Principles

- Maintain existing compact design and logical organization of campus.
- Preserve and promote walkability of campus by positioning parking at the campus perimeter.
- Strengthen UM's relationship to the Jackson community through shared planning initiatives.



#### Lambuth Campus – Acquisition Plans







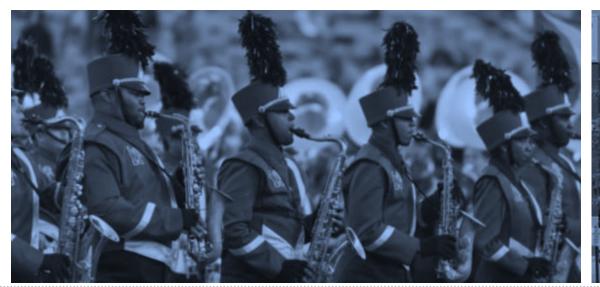














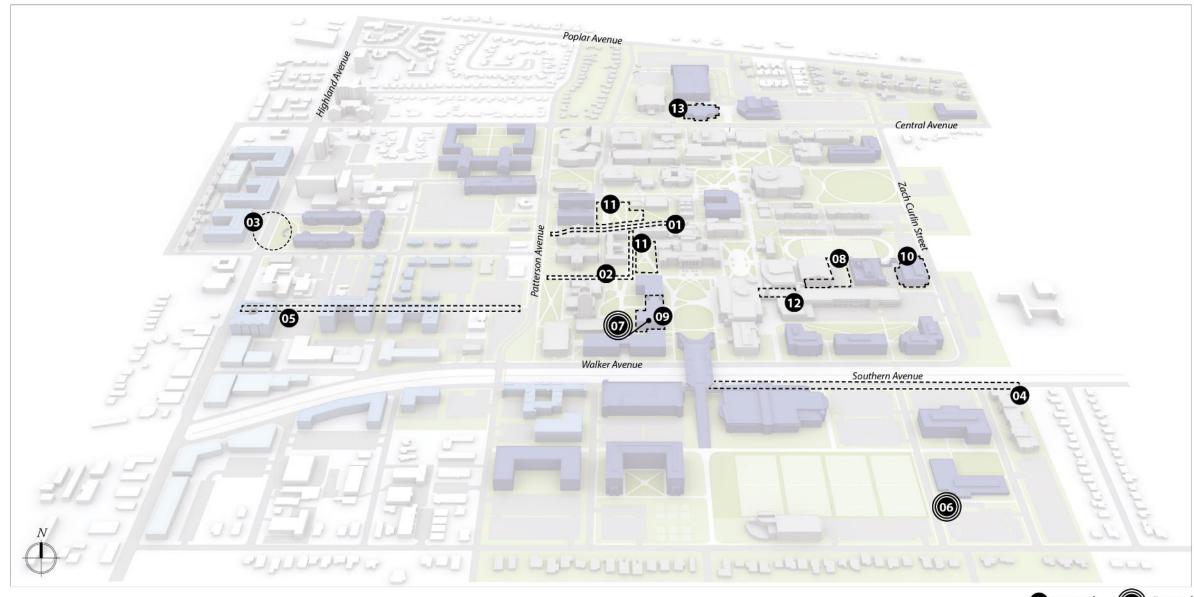
Realizing the Vision

### Phasing & Funding Matrix

Projects								<u>Phasing</u>			Estimated	Project Cost		Capita	l Funding So	urces	
						PHASE 1:	PHASE 2:	PHASE 3:	PHASE 4:	PHASE 5:							
Campus	Type Ph	nase	Project Description		Project Size*	Under Construction	In Progress (Design)	Near Term (0-5 Years)	Mid Term (5–10 Years)	Long Term (10+ Years)	Unit Cost"	Estimated Total	University	State Appropriations	Auxiliary***	Private Donations	Grants / Other
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Main	C	1	Central Avenue Streetscape Enhancements		1,960 LF							\$ 3,335,000.00	×				×
Main	C	1	Walker Avenue Streetscape Enhancements (Phase I)		500 LF					*		\$ 235,000.00				%	×
Main	С	1	Patterson Avenue Realignment	_	400 LF		à.	Ĵ.	1		-	\$ 2,400,000.00				60 (0	×
Park Ave	C	1	Goodlett Street Campus Entry		1 LS		2		8			\$ 300,000.00	×	0		\$F	
Main	D	1	Richardson Towers		1,026 Beds							\$ -			×		
Main	NC	1	Student Residence Hall (replacement for Richardson Towers)		780 Beds				1		100	\$ 54,000,000.00			×		
Park Ave	NC	1	Community Health Facility	_	164,807 GSF						-	\$ 60,000,000.00	×	x	V2.	68	
Park Ave	R	1	Health & Sport Science Facility (Defense Audit Bldg)	_	69,112 GSF		× ×					\$ 1,350,000.00	×	×		×	
Main	S	1	Alumni Mall Improvements		85,000 SF							\$ -	×			×	
Lambuth	S	1	Campus Open Space Upgrades (lighting, drainage, and irrigation)		1 LS					**	-	\$ -	×			×	
Main	С	2	Walker Avenue Streetscape Enhancements (Phase II)		500 LF						-	\$ 235,000.00	97646		;	ES 97750 60	×
Park Ave	E	2	Indoor Football Practice Facility Expansion		110,000 GSF		5				-	\$ 14,000,000.00			×	×	
Main	NC	2	Student Recreation Center		192,500 GSF						5	\$ 62,000,000.00					
Main	NC	2	Biochemistry and Biology Facility - Phase I		68,500 GSF						-	\$ 33,700,000.00	×	×			
Main	NC	2	Music Center		106,000 GSF			X.			-	\$ 40,000,000.00	×	×		×	
Park Ave	NC	2	Basketball Practice Facility		56,880 SF						-	\$ 25,000,000.00			×	×	
Main	P	2	Parking Garage (near Southern Avenue)		500 Spaces			4			\$20,000.00	\$ 10,000,000.00			×		
Main		2	Zach Curlin Surface Parking Lot Improvements		375 Spaces					8	\$4,000.00	\$ 1,500,000.00			×	V.	
Main		2	Highland Library (Community and Police Services)		7,500 GSF						-	\$ -	×		102	6	×
Lambuth	22	2	Health & Fitness Center		92,342 GSF			Ţ,			\$175.00	\$ 16,159,850.00			×		
Lambuth	В	2	Building Elevators (Library, Student Union, Hyde Hall)		1 LS						-	\$ -			×		
Main		3	Patterson Avenue Streetscape Improvements		2,000 LF				1	- 1	\$400.00	\$ 800,000.00	×	1			×
Main		3	Southern Avenue Streetscape Improvements (Phase I)		1,100 LF				9		\$400.00	\$ 440,000.00	×			š.	×
Main		3	Pedestrian Land Bridge		600 LF			-			\$30,000.00	\$ 18,000,000.00			×		
Lambuth	n	3	Rental Property (300 Maple Street)		1,400 GSF		1				\$6.00	\$ 8,400.00	×			51	
Lambuth	n	3	Rental Property (308 Maple Street)		1,200 GSF					- 8	\$6.00	\$ 7,200.00	×				
Lambuth	100	3	Rental Property (310 Maple Street)		1,200 GSF		9		Ŷ	- 1	\$6.00	\$ 7,200.00	×			i i	
Lambuth	1.02	3	Rental Property (312 Maple Street)		1,400 GSF				Ĭ		\$6.00	\$ 8,400.00	×				
Lambuth	657	3	Rental Property (314 Maple Street)		1,400 GSF						\$6.00	\$ 8,400.00	×			Sr.	
Lambuth		3	Rental Property (337 Fairgrounds)		2,000 GSF		*	-	*	8	\$6.00	\$ 12,000.00	×	1	:		2
Lambuth	397	3	Rental Property (339 Fairgrounds)		2,300 GSF	1	7			*	\$6.00	\$ 13,800.00	×	0		EA.	
Lambuth	0	3	Rental Property (540 Burkett)		7,900 GSF		2		T T	-	\$6.00	\$ 47,400.00	l x			20	
Lambuth	n	3	Epworth Hall		30,000 GSF					-	\$6.00	\$ 180,000.00	×				
Main		3	Student Recreation & Fitness Center		151,399 GSF		8.	1	*		\$12.00	\$ 1,816,788.00			×	24	
	0	3	Mitchell Hall		53,138 GSF				*	*	\$12.00	\$ 637,656.00	×		.,	16	
100000000000000000000000000000000000000	A 200	3	Alumni Center		30,000 GSF				Ĭ		\$350.00	\$ 10,500,000.00				×	
2000		3	Engineering Research Facility / C.E.R.I.		117,000 GSF				7		\$425.00	\$ 49,725,000.00	×	×		n	
		3	Academic Building (Replacement for Mitchell Hall)		79,250 GSF	2	*		1 2	2	\$350.00	\$ 27,737,500.00	l x	×		25	
Park Ave		3	Soccer Support Facility		6,000 GSF		24		*		\$300.00	\$ 1,800,000.00		n	×	(6	1
Park Ave		3	Softball Training Facility		7,200 GSF		1			-	\$300.00	\$ 2,160,000.00			×		
Lambuth	100		Parking Expansion (Phase I)		165 Spaces						\$4,000.00	\$ 660,000.00			×		
			SITY OF		goo opaces:										A		

### Main Campus – Phasing (Mid Term)

- 01. Desoto Avenue Pedestrian Conversion
- 02. Alumni Avenue Pedestrian Conversion
- 03. Highland Road Campus Entry
- **04.** Southern Avenue Streetscape (Phase II)
- 05. Mynders Avenue Streetscape
- 06. Alumni Center Removal
- 07. Clement Hall Removal
- **08.** Elma Roane Fieldhouse (Academic Wing) Removal
- **09.** Academic Building (Replacement for Clement Hall)
- 10. Biochemistry Facility (Phase II)
- 11. Plaza near Mynders Hall
- 12. University Center Plaza Enhancements
- 13. Alumni Center



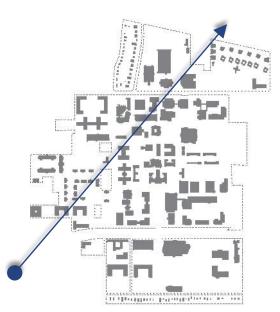






#### Main Campus – Overall (Proposed)

- UM Existing Building
- UM Proposed Building
- Private Housing Development
- Private Development
- Campus Green
- Athletic Field
- Memorable Open Space

















**DISTRICT-WIDE MASTER PLAN** 

FINAL MASTER PLAN PRESENTATION | 2016







- 1 Process Overview
- (2) Space Guidelines
- (3) Campus Plans











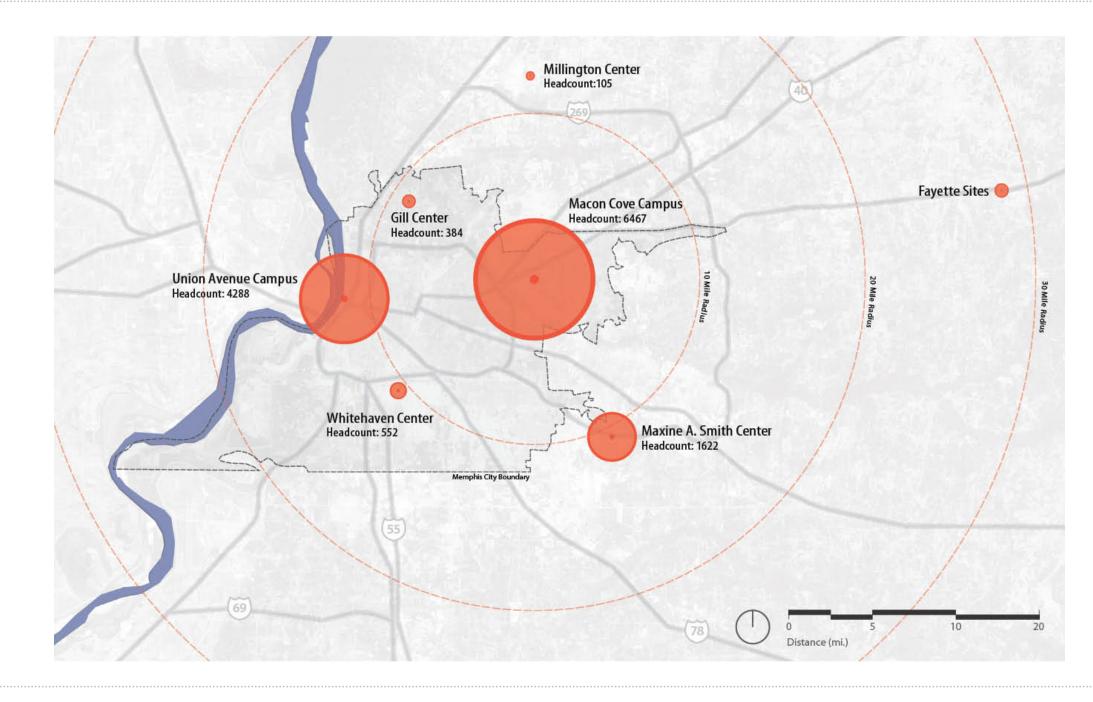




Agenda

## **Master Plan Overview**

- 5-Step Master Planning Process
  - o Discovery
  - o Analysis
  - o Idea Generation
  - o Refinement
  - o Documentation
- District-Wide Master Plan provides a comprehensive evaluation of all STCC campus and center locations.
- 7 sites in southwest Tennessee
  - 81% of students attend class at two primary campuses: Union Avenue in Memphis or Macon Cove in East Memphis
  - 19% of students attend one of the five STCC satellite locations

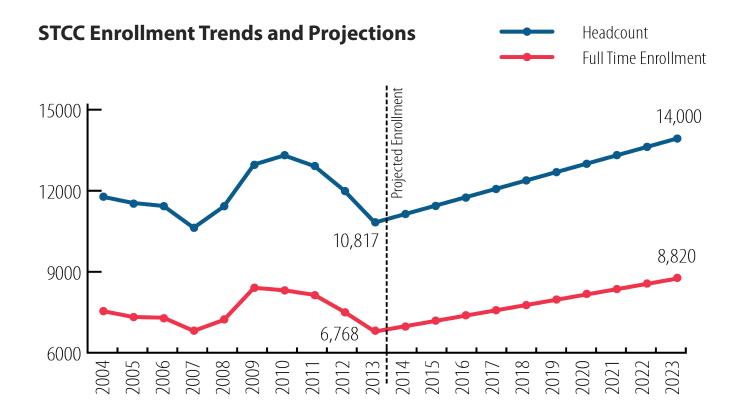




## **Enrollment Assumptions**

### **Full Time Enrollment**

- Loss of 2,179 FTE since Fall 2010
- Projected increase to 8,820 FTE by 2023



### **Enrollment Projections by Campus**

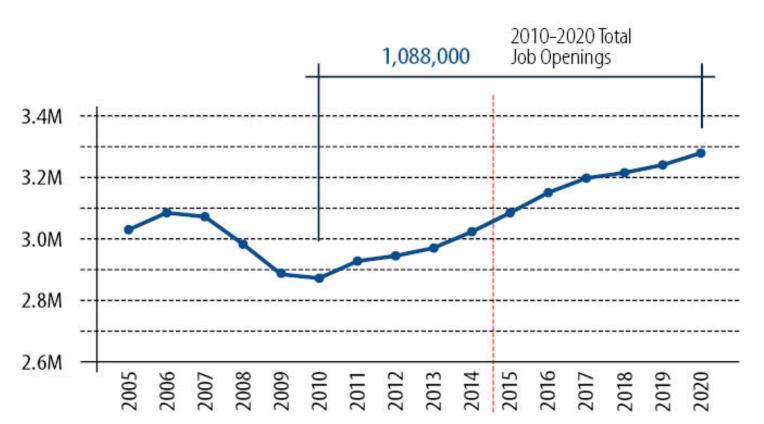
Campus/Center	Fall 2013 FTE	Fall 2023 FTE	% Change 2013-23
Union Avenue Campus	2,088	2,743	31.4%
Macon Cove Campus	3,371	4,322	28.2%
Subtotal	5,459	7,065	
Gill Center	130	182	39.8%
Whitehaven Center	189	282	49.3%
Millington Center	39	92	133.2%
Maxine Smith Center	704	970	37.8%
Other Locations	247	229	-7.2%
Total	6,768	8,820	

### **Regional Population Growth**

County	Census 2000	Census 2010	Estimate 2015	Estimate 2020	Estimate 2025
Fayette	28,806	38,413	43,631	48,510	53,012
Shelby	897,472	927,644	953,899	981,022	1,008,585
Total	926,278	966,057	997,530	1,029,532	1,061,597



## Regional Employment Outlook



Tennessee Jobs - Annual job openings, excluding military positions Source: Georgetown University Center on Education

Annual Su	upply	Annual Demand			
1,391	Certificates and Associate Degrees Awarded	11,451	Annual Job Openings for Positions		
4,396	Bachelors and Graduate Degrees Awarded		Requiring Some Higher Education		

#### Tennessee Job Market

5,787

Annual Supply Source: 2012-2013 Tennessee Public Colleges

Total Number of Degrees

and Certificates Awarded

Annual Demand Source: 2012-2020 Employment Requiring Higher Education

County	Number of Unemployed	Number of Job Openings	Ratio of Unemployed to Job Openings
Fayette	1,770	939	1.88
Shelby	40,020	120,151	0.33
Total	41,790	121,090	0.35

### Regional Employment Rates

Source: 2012 US Census Bureau



## STCC and U of M: Alignment Opportunities

### **Programmatic Alignment:**

• Improve programmatic alignment with the University of Memphis to ensure an easy transfer process for students between the two institutions.

### **Program Growth:**

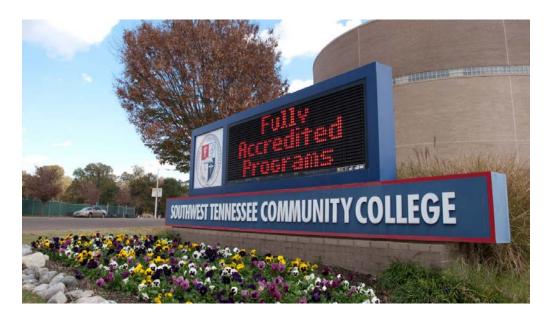
• Identify areas of academic program growth at the University of Memphis that may be supported by STCC with introductory academic programs.

#### **Visible Presence:**

• Encourage the University of Memphis to establish a full-time presence in a centrally located space on both the Macon Cove and Union Avenue campuses to provide guidance to students on admissions, credit acceptance, and financial aid.

### **Regional Partnerships:**

• Work together to strengthen relationships with private companies and local nonprofit organizations to increase partnership opportunities for both institutions.







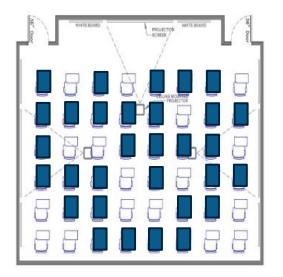
## **Space Utilization Guidelines**

### **Defining Utilization**

	MON	TUE	WED	THU	FRI	SAT
7 AM						
8 AM						
9 AM						
10 AM						
11 AM						
12 PM						
1 PM						
2 PM						
3 PM						
4 PM						
5 PM						
6 PM						
7 PM						
8 PM						
9 PM						
10 PM						

#### Weekly Room Hours

The average
number of hours
per week a room is
scheduled over a
term or semester



## **Student Station Occupancy**

The average percent of seats filled when a room is occupied during scheduled use.

### **Paulien State Guideline Study**

Weekly Room Hours	Range	Student Station Occupancy	Range	ASF/Station	Range
55		85%		40	
50		80%		36	
45		75%		32	
40		70%		30	
35		65%	MEDIAN	28	
32	MEDIAN	60%		22	
30		55%		18	MEDIAN
25		50%		14	
20		45%		10	

Weekly Room Hours	Range	Student Station Occupancy	Range
32			
30		90%	
28		85%	
26		80%	MEDIAN
24		75%	
23	MEDIAN	70%	
22		65%	
20		60%	
18		55%	
16		50%	
14		45%	

## **Classroom Utilization Guidelines**

- 36 states have some type of classroom utilization guideline
- Average of 34 WRH at 65% SSO
- Most Common Guideline:
  - 30 WRH
  - 65% SSO
  - 18 ASF/Station

## **Teaching Laboratory Utilization Guidelines**

- 34 states have some type of laboratory guideline
- Average of 23 WRH at 77% SSO
- Most Common Guideline:
  - 20 WRH
  - 80% SSO
  - ASF/Station varies

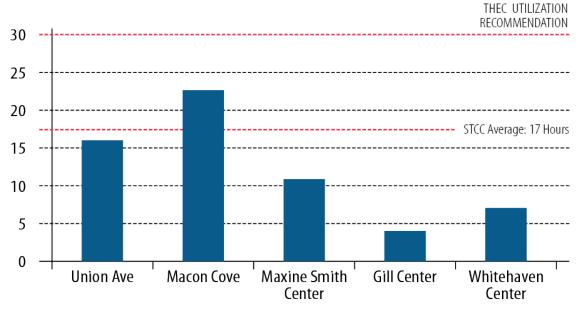


## **Space Utilization Guidelines**

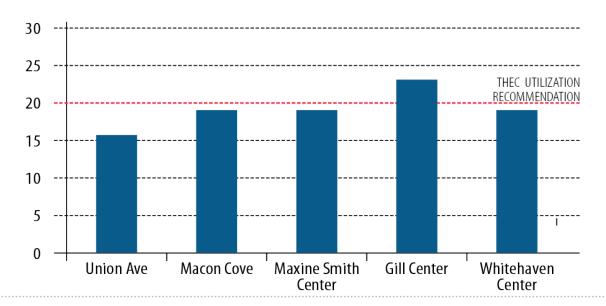
#### **THEC Guideline Overview:**

- Classrooms: 30 weekly day hours at 60% Occupancy
- Teaching Lab Utilization: 20 weekly day hours at 80% Occupancy
- Open Lab and Studio: 5 ASF/FTE
- Office Space (ASF per FTE Employee) plus 30% service factor
  - President = 240 ASF
  - Dean = 180 ASF
  - Faculty, Professional Staff = 120 ASF
  - Clerical =120 ASF
  - Technical = 90 ASF
- Physical Educational and Recreation: 3 ASF/FTE
- Other Department Space: 2.5 ASF/FTE
- Assembly & Exhibit: 3.5 ASF/FTE for Union and Macon Cove campuses
- Physical Plant/Support: 6.5% of space on campus, Minimum of 300 ASF
- Student Center: 5.0 ASF/FTE all full-service campuses. Centers 3 ASF/FTE

#### **Classroom Utilization Guidelines**



### **Teaching Lab Utilization Guidelines**





## **STCC Campuses**

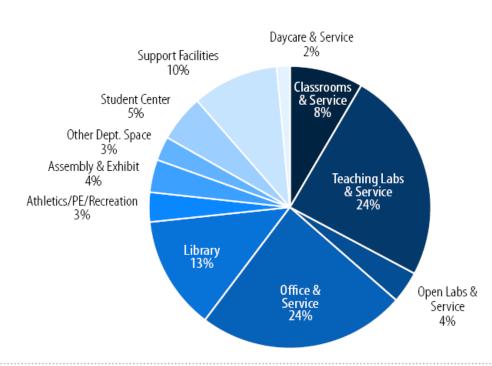


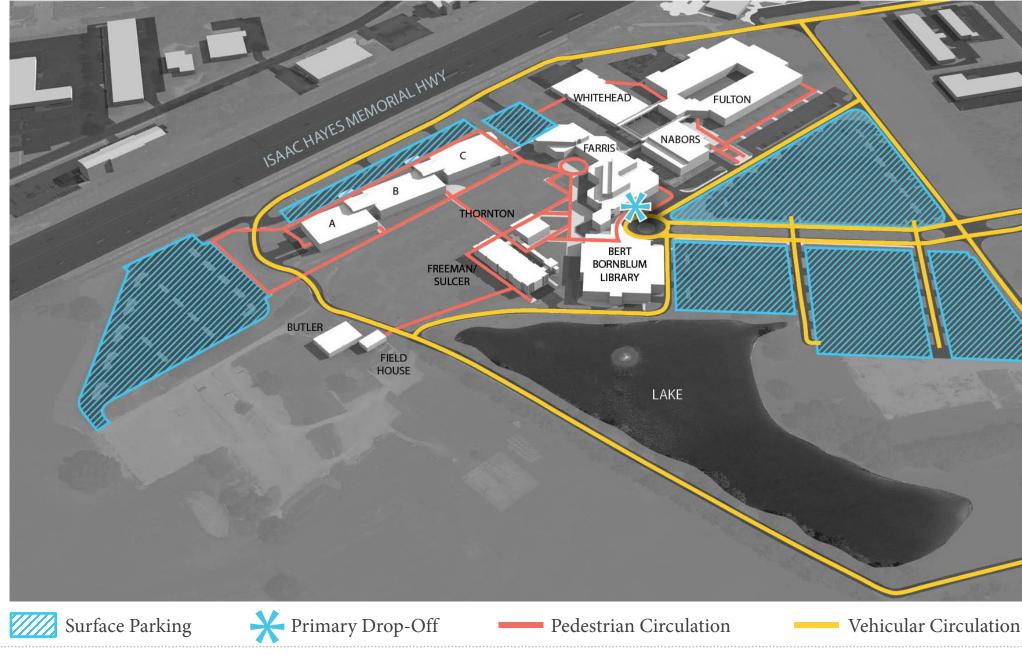


## Site Analysis // Macon Cove Campus

#### **Overview**

- Located in East Memphis, in a suburban context
- Established in 1960s as State Technical Institute at Memphis
- Highest student enrollment of STCC locations
- Suburban context of site allows extensive area for campus expansion of facilities and athletic fields on site
- Some buildings are in poor condition







## Classroom & Teaching Lab Utilization // Macon Cove Campus





Building Name and Id		No. of Rooms	Average Room Size		Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Academic Building	MA	24	717	26	21	25.3	34	75%
Robert Fulton Engineering Building	MF	11	698	25	20	19.6	28	71%
Total No. of Rooms = 35	A'	VERAGE	711	26	20	23.5	32	74%



## Teaching Laboratory Utilization Analysis by Building

Building Name and Id		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Academic Building	MA	26	987	39	18	25.0	35	70%
Charles O. Whitehead Building	MW	1	1,393	93	9	7.2	11	64%
Robert Fulton Engineering Building	MF	24	1,157	55	13	14.5	21	66%
Total No. of Rooms = 51	A۱	/ERAGE	1,075	48	16	20.2	28	68%



## Space Needs Analysis // Macon Cove Campus

#### **FTE Growth**

- 28% Fall of 2013
- 36% Fall of 2014

### **2013 Projections**

- **46,700 ASF surplus** of space in Fall 2013 based on Guidelines
- Largest surplus in library and offices

#### **Plan Horizon**

- 4,710 ASF deficit projected
- Greatest need in Teaching Labs, Recreation, Assembly and Student Center spaces

	<b>Fall 2013</b> Student FTE = 3,371 Staffing FTE = 412				Plan Horizon Student FTE = 4,322 Staffing FTE = 479			
SPACE CATEGORY	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Percent Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Percent Surplus/ (Deficit)
Academic Space								
Classroom & Service	26,560	23,282	3,278	12%	26,560	29,543	(2,983)	(11%)
Teaching Laboratories & Service	76,615	72,669	3,946	5%	76,615	86,794	(10,179)	(13%)
Open Laboratories & Service	11,483	16,855	(5,372)	(47%)	11,483	21,610	(10,127)	(88%)
Offices and Service	75,113	58,057	17,056	23%	75,113	67,288	7,825	10%
Physical Education & Recreation	10,660	10,113	547	5%	10,660	12,966	(2,306)	(22%)
Other Department Space	8,658	8,428	230	3%	8,658	9,725	(1,067)	(12%)
Academic Space Subtotal	209,089	189,404	19,685	9%	209,089	227,926	(18,837)	(9%)
Academic Support Space								
Library	41,033	21,165	19,868	48%	41,033	26,466	14,567	36%
Assembly & Exhibit	11,822	11,799	23	0%	11,822	14,047	(2,225)	(19%)
Support Facilities (700's)	31,181	24,105	7,076	23%	31,181	24,688	6,493	21%
Academic Support Space Subtotal	84,036	57,069	26,967	32%	84,036	65,201	18,835	22%
Auxiliary Space								
Student Center	16,902	16,855	47	0%	16,902	21,610	(4,708)	(28%)
Day Care & Service	4,742	4,742	0	0%	4,742	4,742	0	0%
Auxiliary Space Subtotal	21,644	21,597	47	0%	21,644	26,352	(4,708)	(22%)
CAMPUS TOTAL	314,769	268,070	46,699	15%	314,769	319,479	(4,710)	(1%)



## Framework Plan // Macon Cove Campus

#### Phase 1

- Add bus stop north of existing academic buildings
- Expand pedestrian circulation
- Renovate Farris Building
- Remove Field House
- Construct pier at lake
- Construct Industrial Readiness Training (IRT) facility

#### Phase 2

- Construct softball and baseball fields
- Construct academic building
- Construct athletic building
- Expand western parking lot
- Expand pedestrian circulation
- Remove Freeman/Sulcer and Thornton Buildings

#### Phase 3

- Construct competition soccer field
- Construct surface parking lot
- Expand pedestrian circulation

#### Phase 4

- Construct academic building
- Construct plaza
- Construct practice soccer field
- Expand pedestrian access

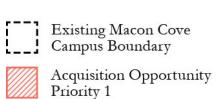


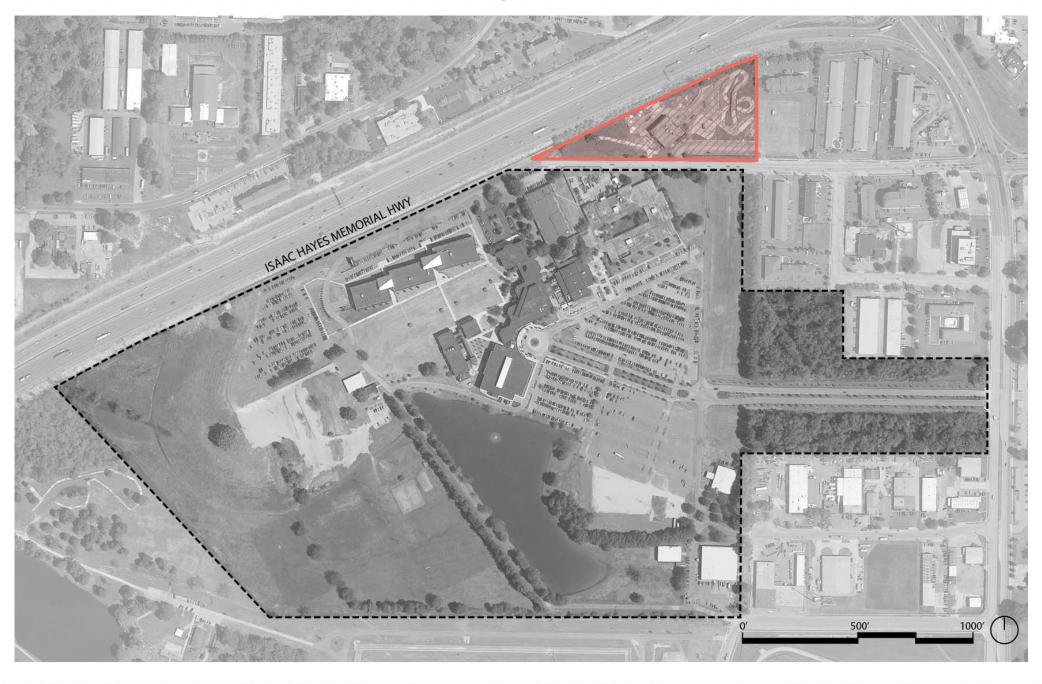


## Acquisition Opportunities // Macon Cove Campus

### **Priority 1**

- No immediate need for expansion
- Acquisition of Priority 1 site would create more prominent presence along I-40 and improve access



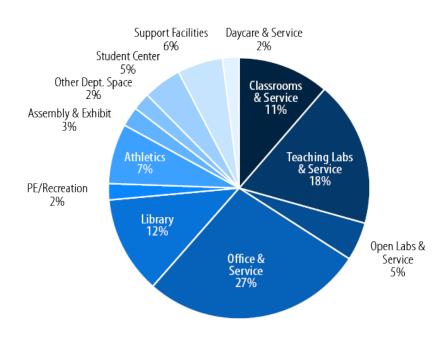


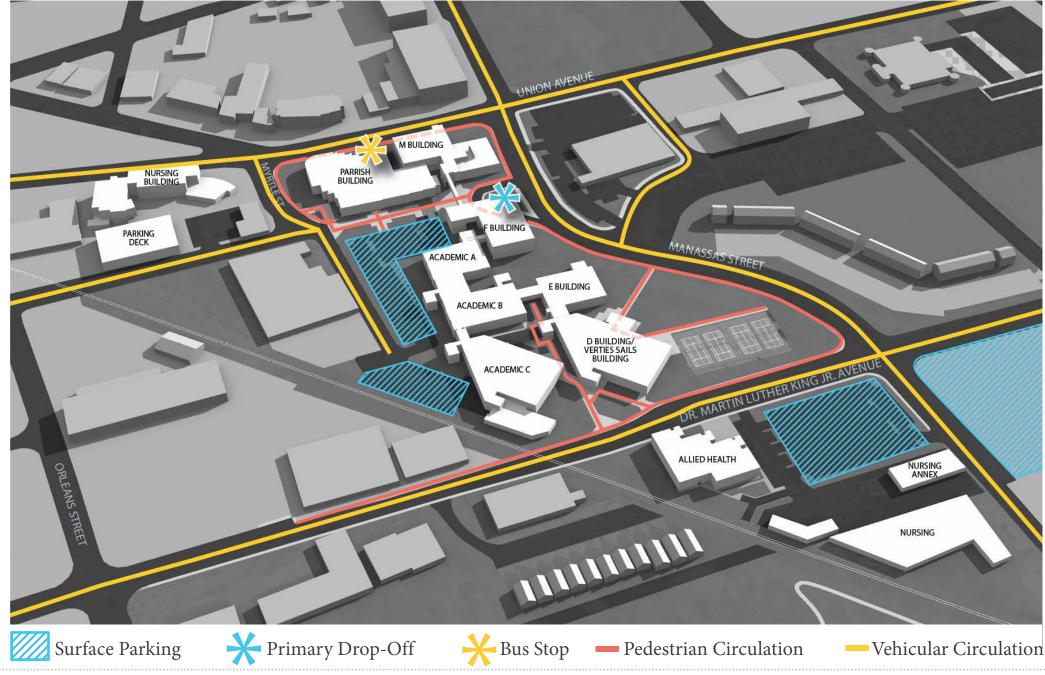


## Site Analysis // Union Avenue Campus

#### **Overview**

- Located in downtown Memphis
- Established in late 1960s as Shelby State Community College
- Urban location brings resources such as transportation access and adjacent to major healthcare providers, but limits potential for campus expansion
- Existing buildings generally in adequate condition most date to mid 1970s
- Opportunity to reconfigure existing circulation and parking







## Classroom & Teaching Lab Utilization // Union Avenue Campus





## Classroom Utilization Analysis by Building

Building Name and Id		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Academic A	UA	5	636	21	22	21.4	29	72%
Academic B	UB	2	1,047	29	16	8.7	21	44%
Allied Health Building	AHLTH	8	644	27	15	12.4	19	66%
E Building	UE	8	554	23	11	8.8	11	67%
- Building	UF	9	561	22	15	14.3	18	75%
M Building	UM	8	561	24	18	13.0	17	77%
Nursing and Procurement	<b>NURS</b>	4	650	12	22	8.5	19	43%
Verties Sails Building	UVS	1	846	24	22	11.1	18	61%
Total No. of Rooms = 45	AV	ERAGE	618	23	17	12.5	18	67%

### Teaching Laboratory Utilization Analysis by Building

Building Name and Id		No. of Rooms	Average Room Size	Average ASF per Station	Average Section Size	Weekly Seat Hours	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Academic A	UA	4	1,004	54	17	14.3	19	77%
Academic B	UB	2	1,061	63	19	21.3	20	76%
Allied Health Building	AHLTH	10	754	40	7	5.3	8	80%
E Building	UE	8	758	35	15	15.6	22	68%
F Building	UF	4	2,068	34	26	18.8	43	43%
M Building	UM	11	1,000	42	15	14.1	20	70%
Verties Sails Building	UVS	3	1,163	39	10	4.3	12	47%
Total No. of Rooms = 42	AV	ERAGE	1,012	41	14	13.3	19	64%



## Space Needs Analysis // Union Avenue Campus

#### **FTE Growth**

- 31% Fall of 2013
- 45% Fall of 2014

### **2013 Projections**

- **68,000 ASF surplus** of space in Fall 2013 based on Guidelines
- Largest surplus in PE/Athletics

#### **Plan Horizon**

- 60,000 ASF surplus projected
- Plan Horizon includes new Biotech/Nursing Building
- Deficits in open labs, Athletics, and Student Center at higher FTE level

	<b>Fall 2013</b> Student FTE = 2,088 Staffing FTE = 258				Plan Horizon Student FTE = 2,743 Staffing FTE = 309			
SPACE CATEGORY	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Percent Surplus/ (Deficit)	Existing ASF	Guideline ASF	Surplus/ (Deficit)	Percent Surplus/ (Deficit)
Academic Space								
Classroom & Service	29,452	16,632	12,820	44%	36,779	21,544	15,235	41%
Teaching Laboratories & Service	46,660	43,115	3,545	8%	60,982	57,227	3,755	6%
Open Laboratories & Service	12,339	10,440	1,899	15%	12,524	13,715	(1,191)	(10%)
Offices and Service	71,134	36,752	34,382	48%	76,032	43,909	32,123	42%
Physical Education & Recreation	5,230	6,264	(1,034)	(20%)	5,230	8,229	(2,999)	(57%)
Other Department Space	5,643	5,220	423	7%	6,873	6,172	701	10%
Academic Space Subtotal	170,458	118,423	52,035	31%	198,420	150,796	47,624	24%
Academic Support Space								
Library	31,291	15,910	15,381	49%	31,291	19,812	11,479	37%
Athletics	19,265	21,658	(2,393)	(12%)	19,265	21,658	(2,393)	(12%)
Assembly & Exhibit	6,334	7,308	(974)	(15%)	9,484	8,915	569	6%
Support Facilities (700's)	14,574	12,249	2,325	16%	14,574	10,745	3,829	26%
Academic Support Space Subtotal	71,464	57,125	14,339	20%	74,614	61,130	13,484	18%
Auxiliary Space								
Student Center	12,287	10,440	1,847	15%	12,287	13,715	(1,428)	(12%)
Day Care & Service	5,335	5,335	0	0%	5,335	5,335	0	0%
Auxiliary Space Subtotal	17,622	15,775	1.847	10%	17,622	19,050	(1.428)	(8%)
CAMPUS TOTAL  Inactive/Conversion Space	<b>259,544</b> 26,588	191,323	68,221	26%	<b>290,656</b> 26,588	230,976	59,680	21%



## Framework Plan // Union Avenue Campus

#### Phase 1

- Acquire Priority 1 Site + remove building and construct temporary surface parking on site
- Remove existing tennis courts construct surface parking
- Construct drop-off location near Buildings C & D
- Enhance bus stop at Union Avenue

#### Phase 2

- Construct Athletic Expansion
- Reconfigure vehicular circulation at Myrtle Street
- Improve campus signage
- Reconfigure pedestrian circulation
- Acquire Priority 2 site + remove buildings. Construct temporary parking on site

#### Phase 3

- Construct parking deck on Priority 2 Site
- Reconfigure pedestrian circulation

#### Phase 4

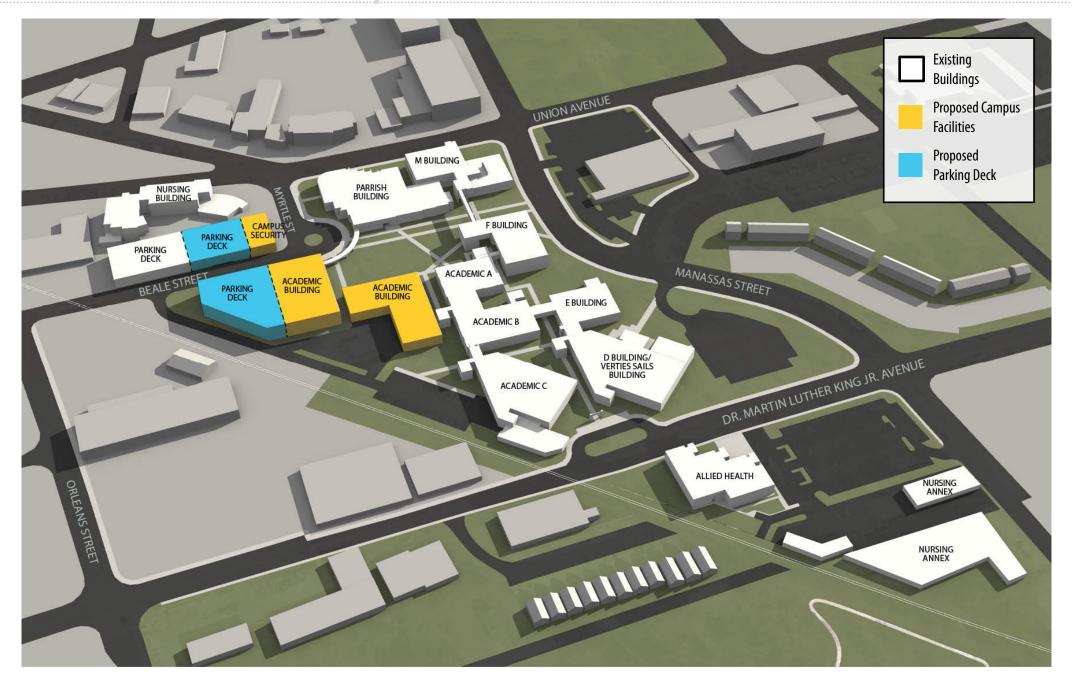
• Construct academic building at Priority 2 site

#### Phase 5

• Construct parking deck on western façade of new academic building

#### Phase 5

• Construct new academic building on central campus





## **Acquisition Opportunities** // Union Avenue Campus

### **Priority 1**

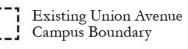
• Site is a barrier between new Nursing facility and existing campus

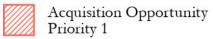
### **Priority 2**

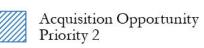
 Location is adjacent to campus and ideal for expansion of facilities, open space and parking

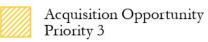
### **Priority 3**

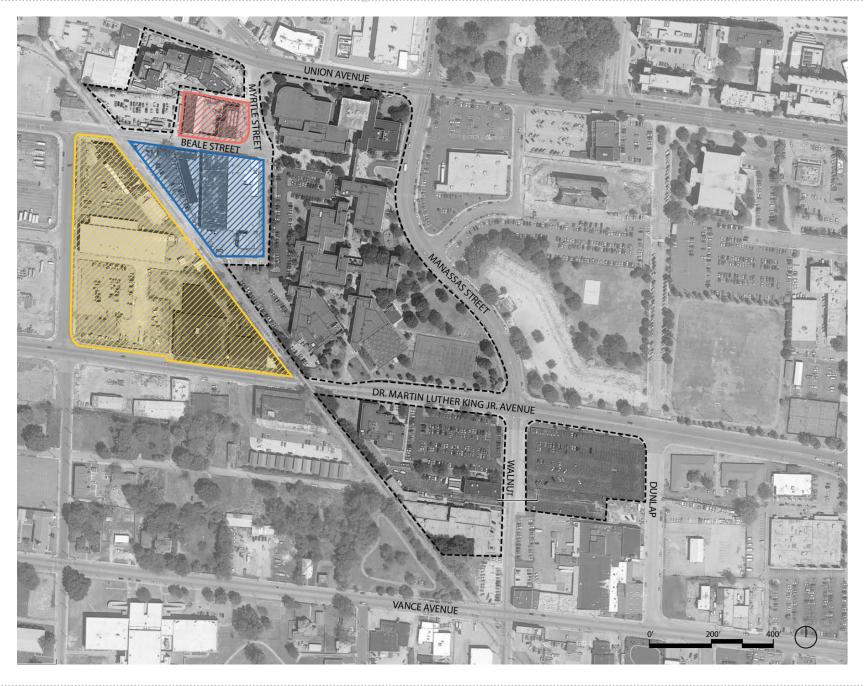
• Offers potential for large-scale expansion













## **STCC Centers**



## Whitehaven Center: Overview & Utilization Analysis

### **Overview**

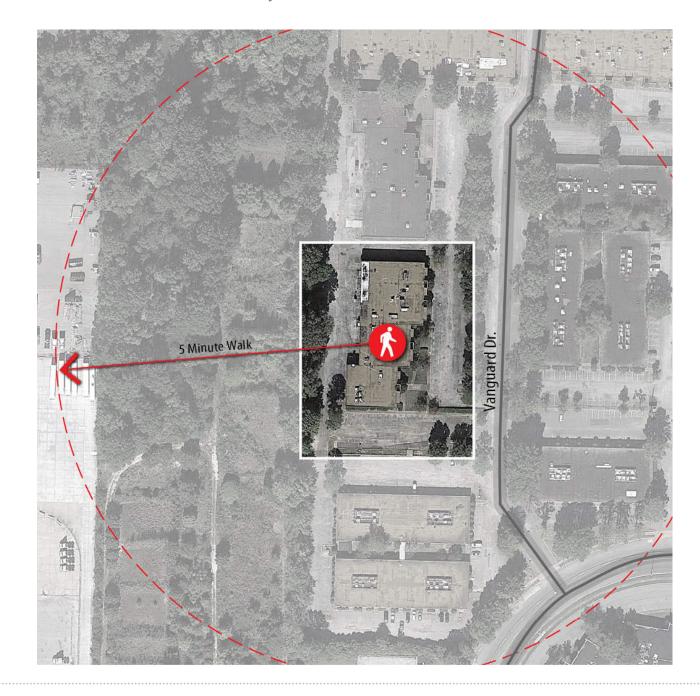
- Limited transit access and low site visibility
- New location planned for Whitehaven Center

### Classroom Utilization Analysis by Building

Building Name and Id		No. of Rooms	Room	<b>Weekly Room</b>	Hours in Use Student Station Occupancy %
Whitehaven Center	WTHVN	7	881	13	68%
Total No. of Rooms = 7	AVE	RAGE	881	13	68%

### Teaching Lab Utilization Analysis by Building

Building Name and Id		No. of Rooms	Room	<b>Weekly Room</b>	Hours in Use Student Station Occupancy %
Whitehaven Center	WTHVN	4	846	23	73%
Total No. of Rooms = 4	AVE	RAGE	846	23	73%





## Maxine A. Smith Center: Overview & Utilization Analysis

### **Overview**

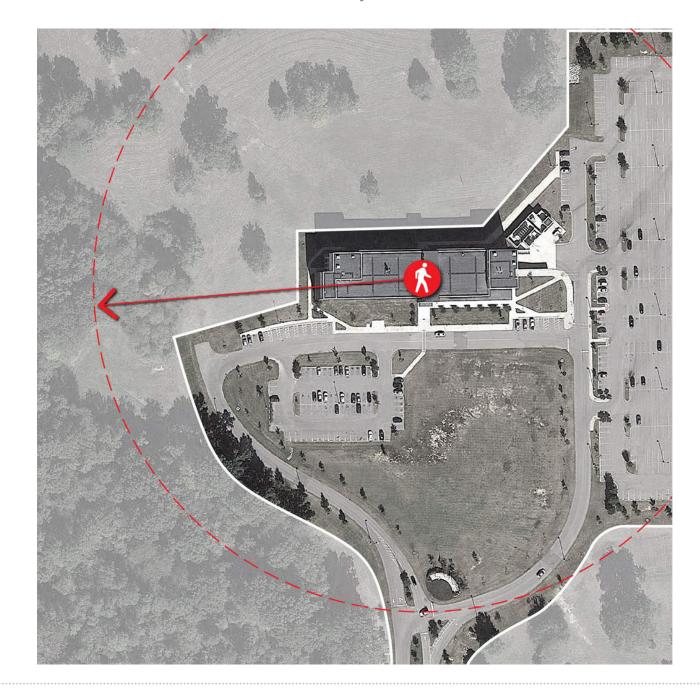
- Strong enrollment rates
- New facility with modern classrooms and lab technology
- Popular location for workforce training
- Ample room for future growth

Classroom Utilization Analysis by Building

Building Name and Id	No. of Rooms	Room	Average Weekly Room Hours	Hours in Use Student Station Occupancy %
Maxine A. Smith Center	21	662	17	73%
Total No. of Rooms = 21	AVERAGE	662	17	73%

Teaching Lab Utilization Analysis by Building

Building Name and Id		Room	Weekly Room	Hours in Use Student Station Occupancy %
Maxine A. Smith Center	9	979	25	74%
Total No. of Rooms = 9	AVERAGE	979	25	74%





## Gill Center: Overview & Utilization Analysis

### **Overview**

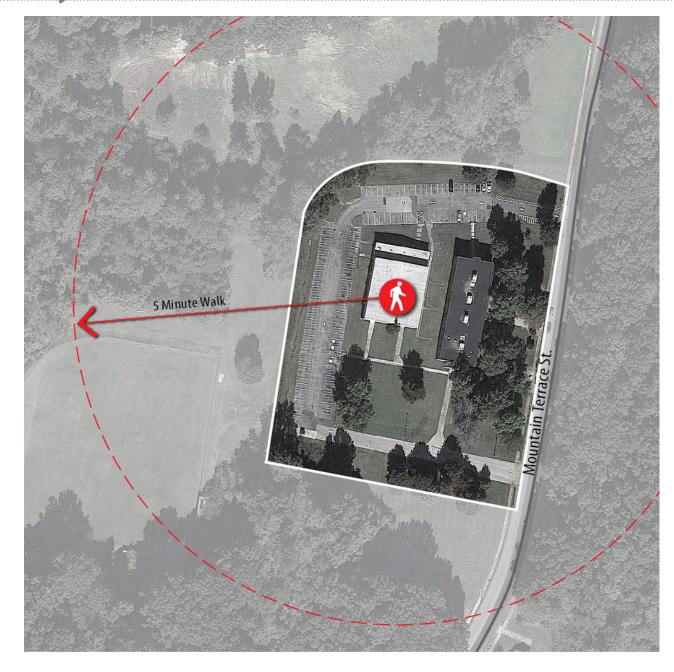
- Very low enrollment
- Facility is in poor condition

Classroom Utilization Analysis by Building

Building Name and Id			Room		Hours in Use Student Station Occupancy %
Elbert T. Gill Center	GILL	13	612	6	50%
Total No. of Rooms = 13	<sup>2</sup> AV	ERAGE	612	6	50%

Teaching Lab Utilization Analysis by Building

Building Name and Id			Room	<b>Weekly Room</b>	Hours in Use Student Station Occupancy %
Elbert T. Gill Center	GILL	2	1,137	34	73%
Total No. of Rooms = 2	AV	ERAGE	1,137	34	73%





## **STCC Centers: Space Needs**

#### **Whitehaven Center**

- No overall space deficit
- Some reorganization needed for:
  - Academic space Teaching laboratories & service
  - Academic support space Support facilities

#### **Maxine A. Smith Center**

- Minimal overall space deficit (48 sf)
- Some reorganization needed for:
  - Academic space Teaching laboratories & service, Open laboratories & service, and Other department space
  - Academic support space Library, and Support facilities
  - Auxiliary Space Student Center

#### **Gill Center**

- No overall space deficit
- Some reorganization needed for:
  - Academic space Teaching laboratories & service, and Open laboratories & service
  - Academic support space Library, and Support facilities
  - Auxiliary Space Student Center



# Higher Education in Metropolitan Memphis



**Dreamers. Thinkers. Doers.** 

**FACILITIES MASTER PLAN UPDATE** 



DISTRICT-WIDE MASTER PLAN

