

# WHAT IS YOUR ROADMAP FOR THE FUTURE?

ILLINOIS COMMUNITY COLLEGE CHIEF FINANCIAL OFFICER  
2016 FALL CONFERENCE

REND LAKE CONFERENCE CENTER, WHITTINGTON, IL



PERKINS+WILL

# INTRODUCTIONS



About Oakton...







# PERKINS+WILL

SERVED OVER 250 HIGHER EDUCATION  
INSTITUTIONS NATION-WIDE  
INCLUDING 16 IN THE STATE OF ILLINOIS

COMPLETED 141 CAMPUS MASTER PLANS  
IN THE PAST TEN YEARS

# REGIONAL / NATIONAL EXPERIENCE



**OUR TEAM:  
MEETING YOU  
WHERE YOU ARE**  
A CHAMPION FOR YOUR EVERY NEED



1. Why master plan?
2. What is a master plan?
3. How to master plan?
4. Responding to change
5. Interactive Q/A

How many of you have  
a current master plan  
in place?



...how many of you are following it?

**WHY MASTER PLAN?**

## WHY MASTER PLAN?

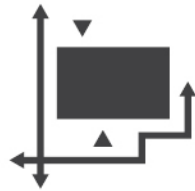


IDENTIFY NEEDS, DEVELOP  
COST-EFFECTIVE SOLUTIONS,  
AND PRIORITIZE INVESTMENT

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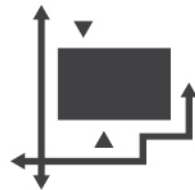


IMPROVE EFFICIENCIES  
AND ENSURE THAT PROPER  
INFRASTRUCTURE IS IN PLACE

## WHY MASTER PLAN?



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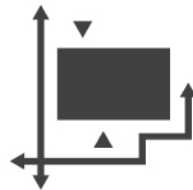
THINK BIG AND  
EXPLORE IDEAS



## WHY MASTER PLAN?



IDENTIFY NEEDS, DEVELOP  
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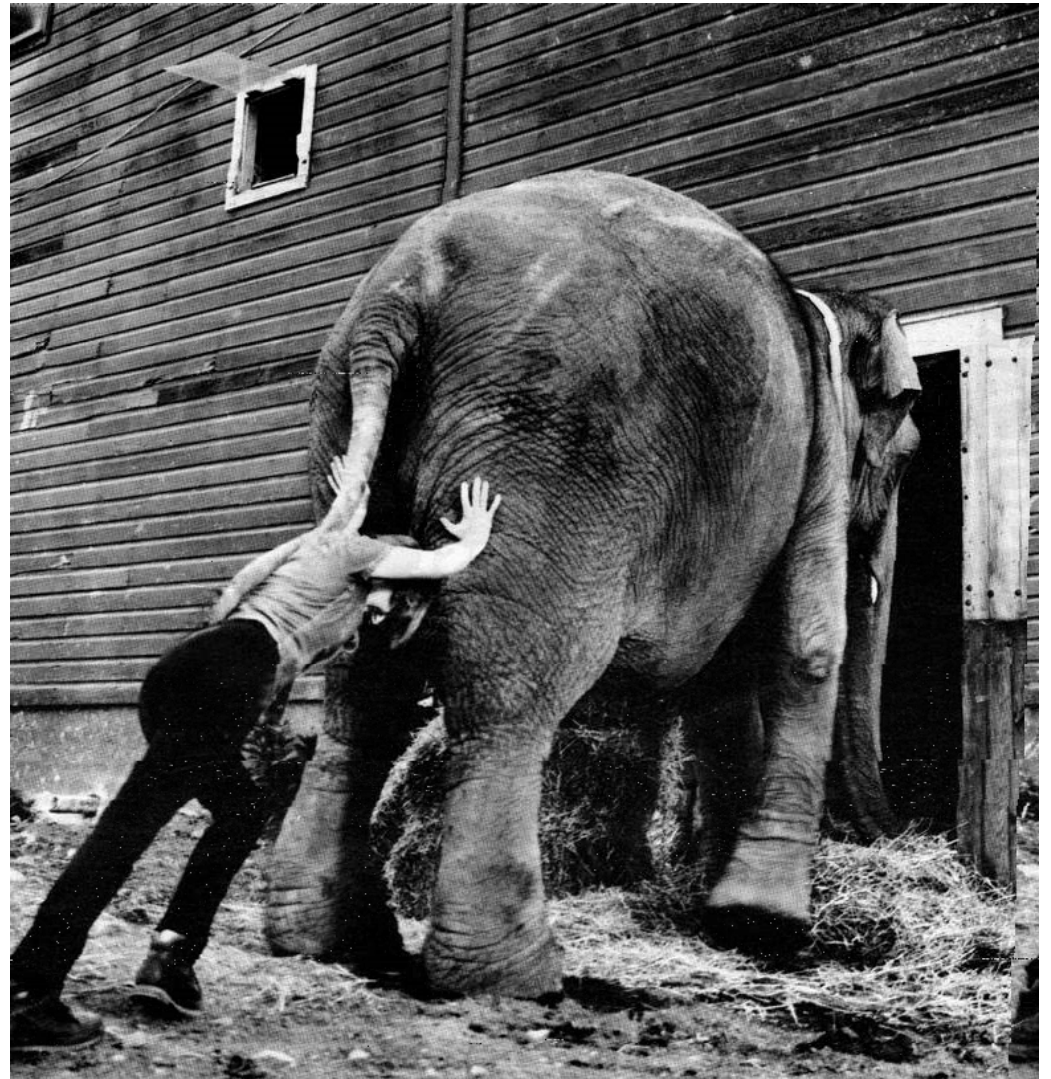
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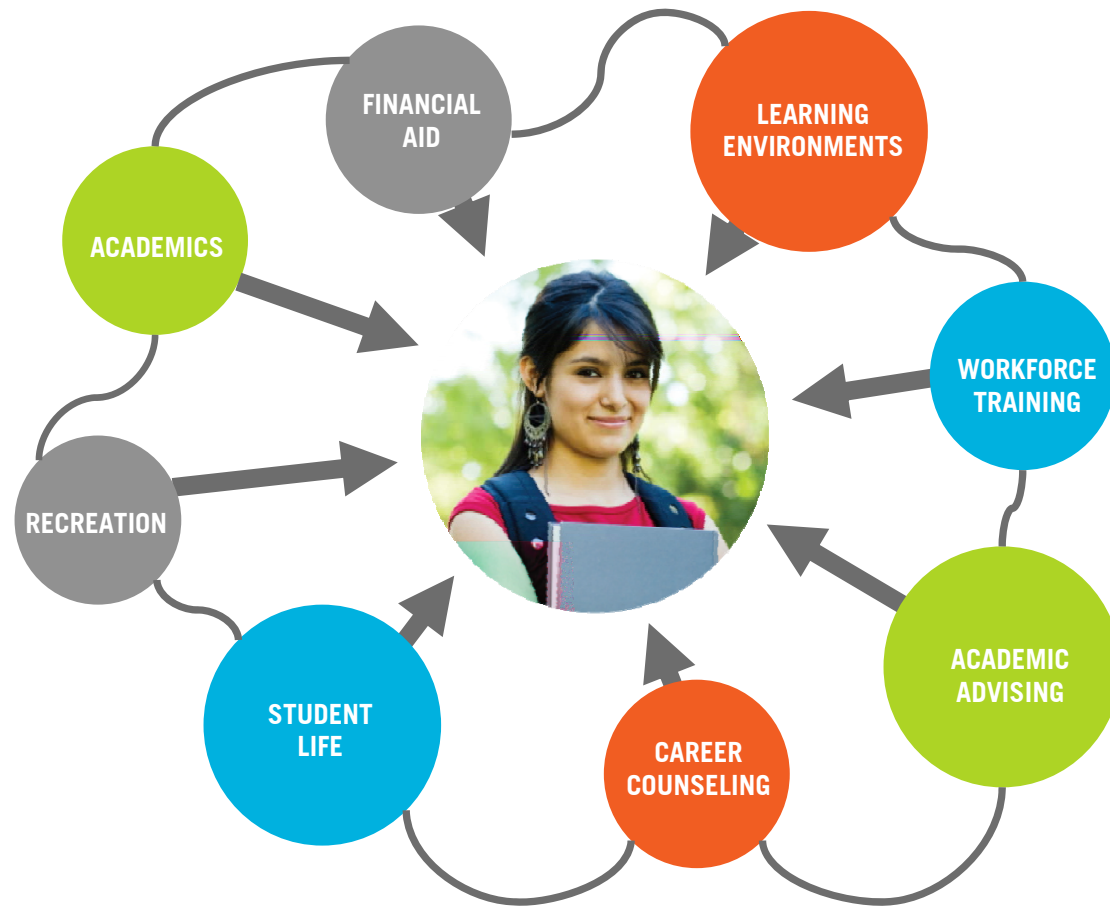
CREATE A SENSE OF PLACE  
AND WEAVE CONNECTIONS BACK  
TO THE COMMUNITY



**BEGINNING WITH THE END IN MIND**



## FOCUS ON THE STUDENT



## SOLVE PARKING PROBLEMS!



**WHAT IS A MASTER  
PLAN?**





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**FILE AND CONTEXT**

Since 2010, The College of Dupage has grown into the largest college in Illinois and features a range of degree and certificate programs that set the educational community.

Headquartered by its 275-acre Main Campus, it is a large and growing institution of higher education. The college's 20,000 students and staff are spread across several campuses of Main and Cook County.

perkins+will provides the following programs:

- Area of Study
- Site of 200 acres and 10 square feet of facilities
- Building the Center for Leadership Development in Cook County
- to be used for various educational purposes

**LAND USE CONTEXT SURROUNDING MAIN CAMPUS**

**DEVELOPMENT SINCE 2010**

The college's Main Campus consists of 13 buildings that provide a comprehensive range of academic, student support, and research facilities. Since 2010, the college built or renovated the vast majority of its current facility space. New buildings such as the Homeland Security Education Center (HSEC) were opened to accommodate new educational programs to serve the needs of the community.

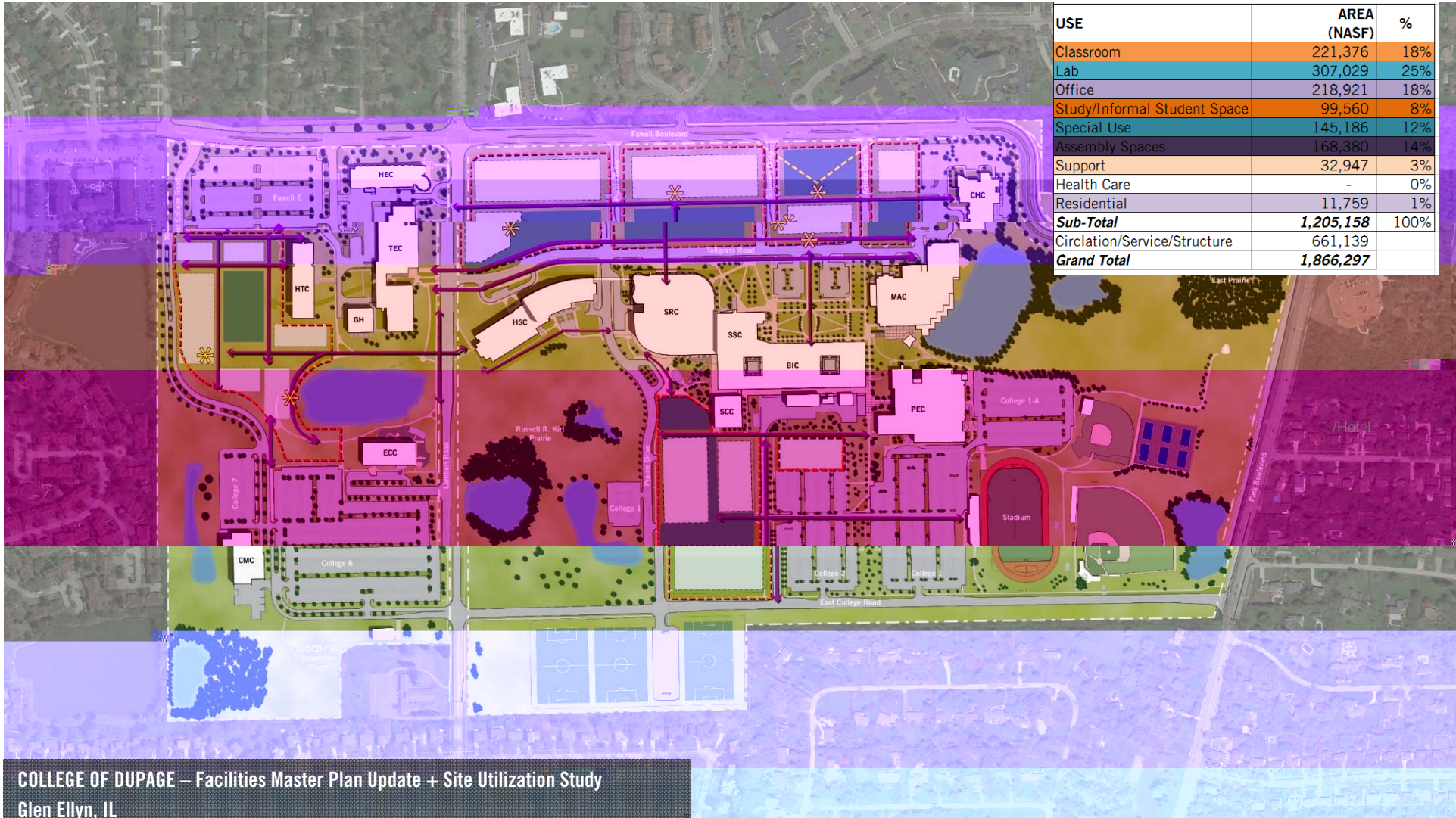
The college has renovated or built new nearly 1.4 million square feet - or 78% - of its overall facility space since 2010.

**MAIN CAMPUS BUILDING SUMMARY TABLE**

Building	Label	Square Feet	Short Description of Uses
Administration Center	100	24,000	Faculty offices, research, staff offices
Business Administration Center	100	22,000	Faculty offices, administrative offices
Casey Student Center	100	22,000	Student center, student union
College Learning Center	100	22,000	Academic building, classroom, lab space with general use
McDonald-Bell Center	100	22,000	Faculty offices, administrative offices, student center
Health and Science Center	100	22,000	Faculty offices, administrative offices, student center
Homeland Security Education Center	100	22,000	Security training, research, administrative offices
Physical Education Center	100	22,000	Multi-use gymnasium, athletic building, athletic department offices
President Security Education Center	100	22,000	Classroom, laboratory, and instructor center dedicated to criminal justice education
Public Technology Center	100	22,000	Multi-use classroom, lab, and office facility
Student Services Center	100	22,000	Student support building, wellness center, financial aid, student organization offices
Student Research Center	100	22,000	Classroom, laboratory, dining, multi-purpose, conference center, continuing education, administration
Technical Education Center	100	22,000	Classroom, laboratory, and other educational research center
<b>TOTAL</b>		<b>1,400,000</b>	

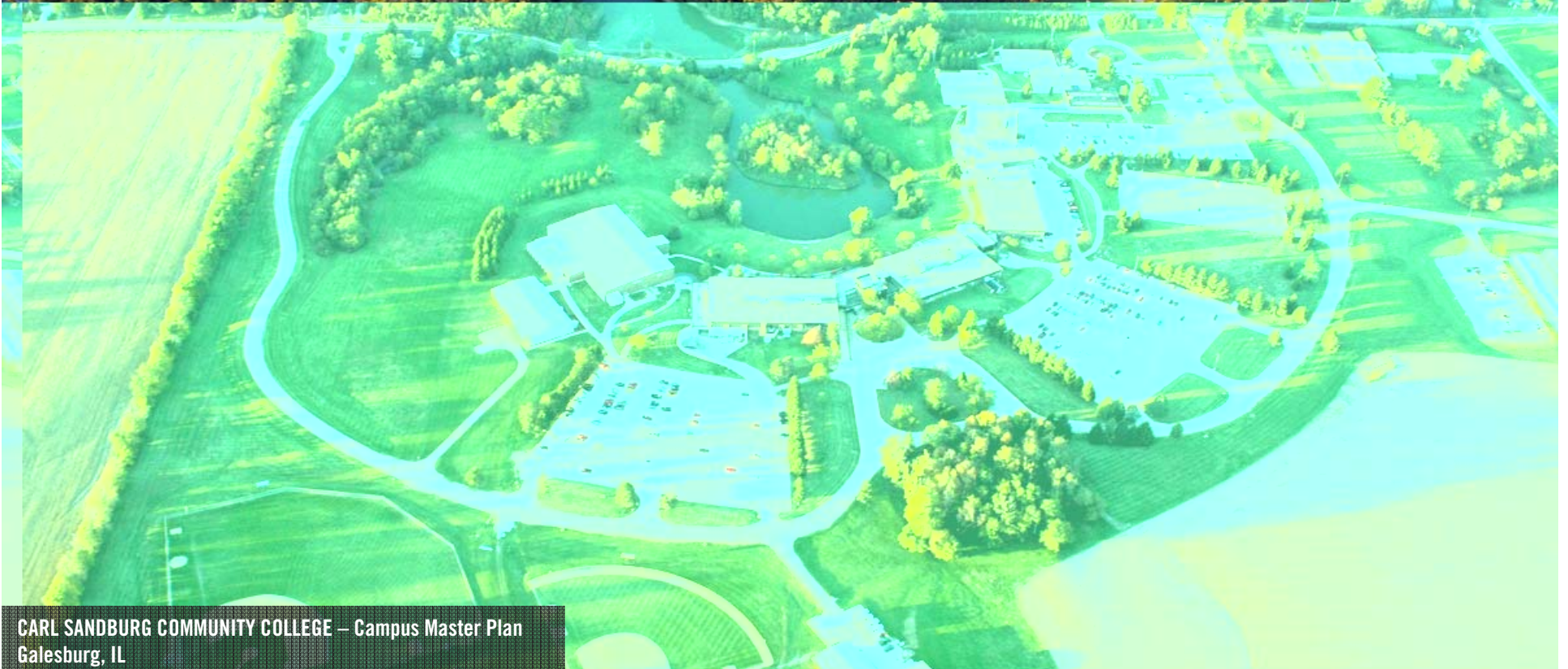
**MAIN CAMPUS BUILDING ENHANCEMENTS SINCE 2010**

- Master Plan Elements
  - Building and Landscape Plan
  - Space Utilization and Needs
  - Deferred Maintenance
  - Cost and Phasing
  - Design Guidelines
  - Other Infrastructure



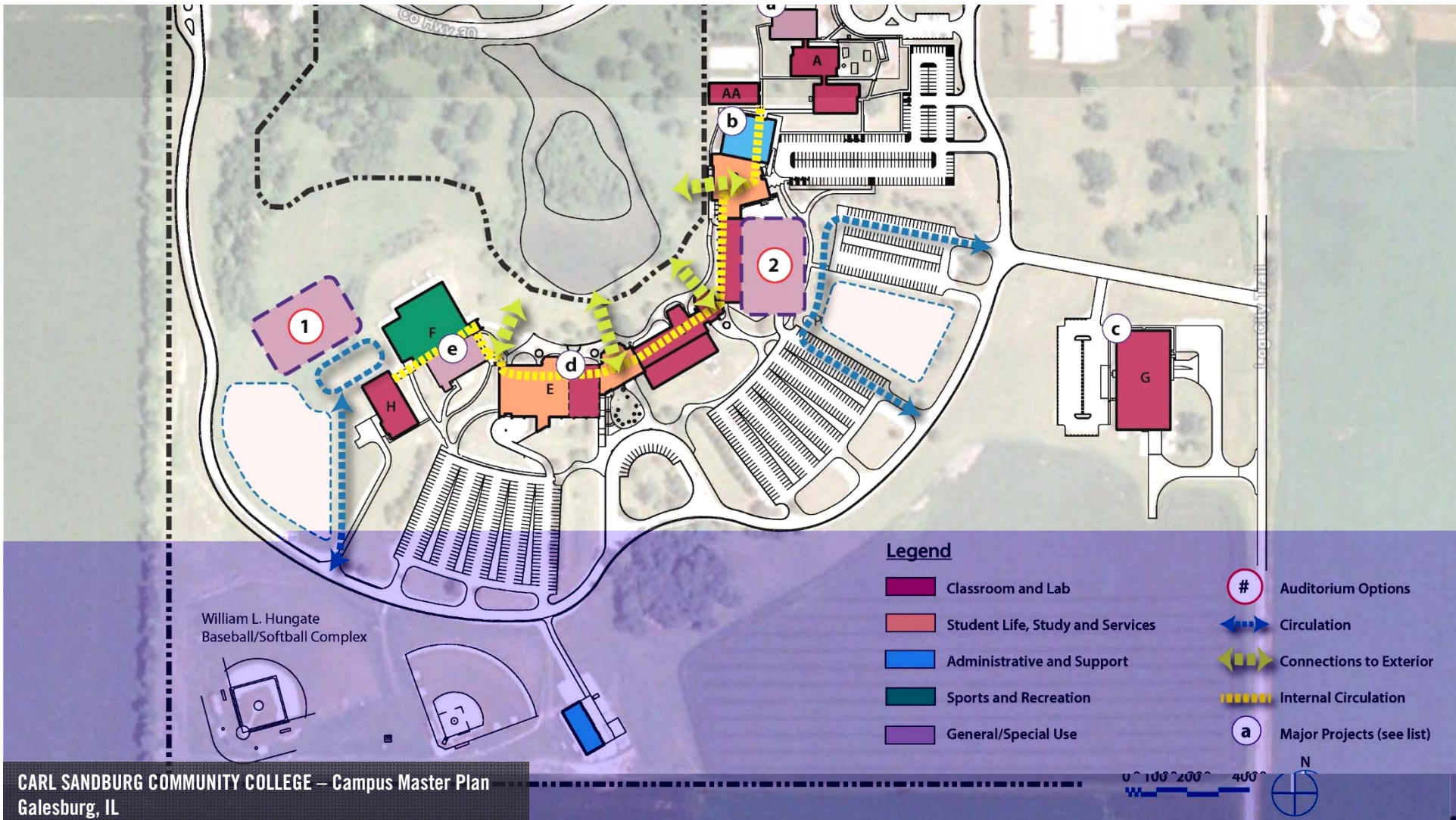
**COLLEGE OF DUPAGE – Facilities Master Plan Update + Site Utilization Study**  
 Glen Ellyn, IL





CARL SANDBURG COMMUNITY COLLEGE – Campus Master Plan  
Galesburg, IL





1. Fine + Performing Arts Center
  2. Partnership Center
  3. Land Lease to Developer
  4. Center for Student Services + Activities
  5. Learning Commons + Partnerships Renovation
  6. Facilities Services Expansion
  7. Science Center Expanded Use
  8. Renovate Center for Liberal Arts
  9. Future Academic Expansion
  10. Courtyard Enclosure Atrium + Skyway
  11. HWC Expansion
  12. Structured Parking
  13. Environmental Classroom
- 
- A. Community Fine Arts Plaza
  - B. Screen Loading Dock
  - C. Expand Community Garden
  - D. Expand Courtyard
  - E. Improve Campus Access + Circulation
  - F. Ropes Course / Athletics Field
  - G. Enhance Environmental Area

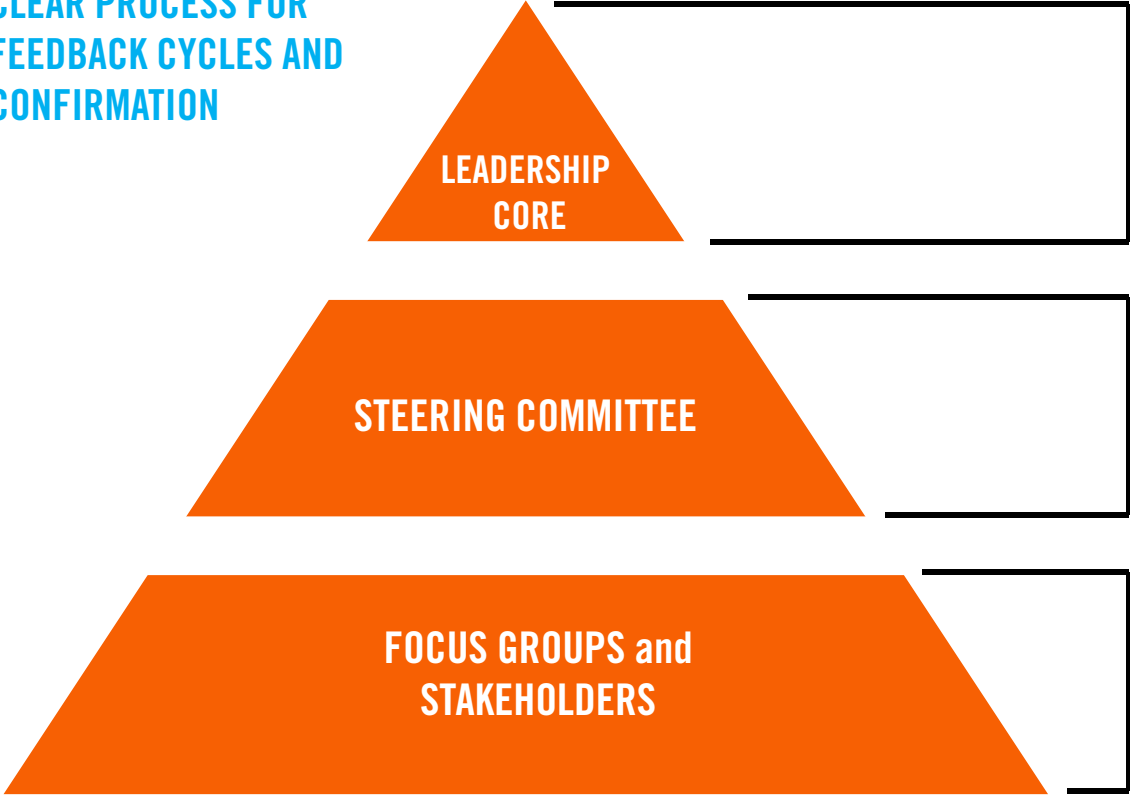




# HOW TO MASTER PLAN?

# DECISION MAKING

CLEAR PROCESS FOR  
FEEDBACK CYCLES AND  
CONFIRMATION



**FINAL DECISION MAKERS**  
- Biweekly Check-in and Workshops

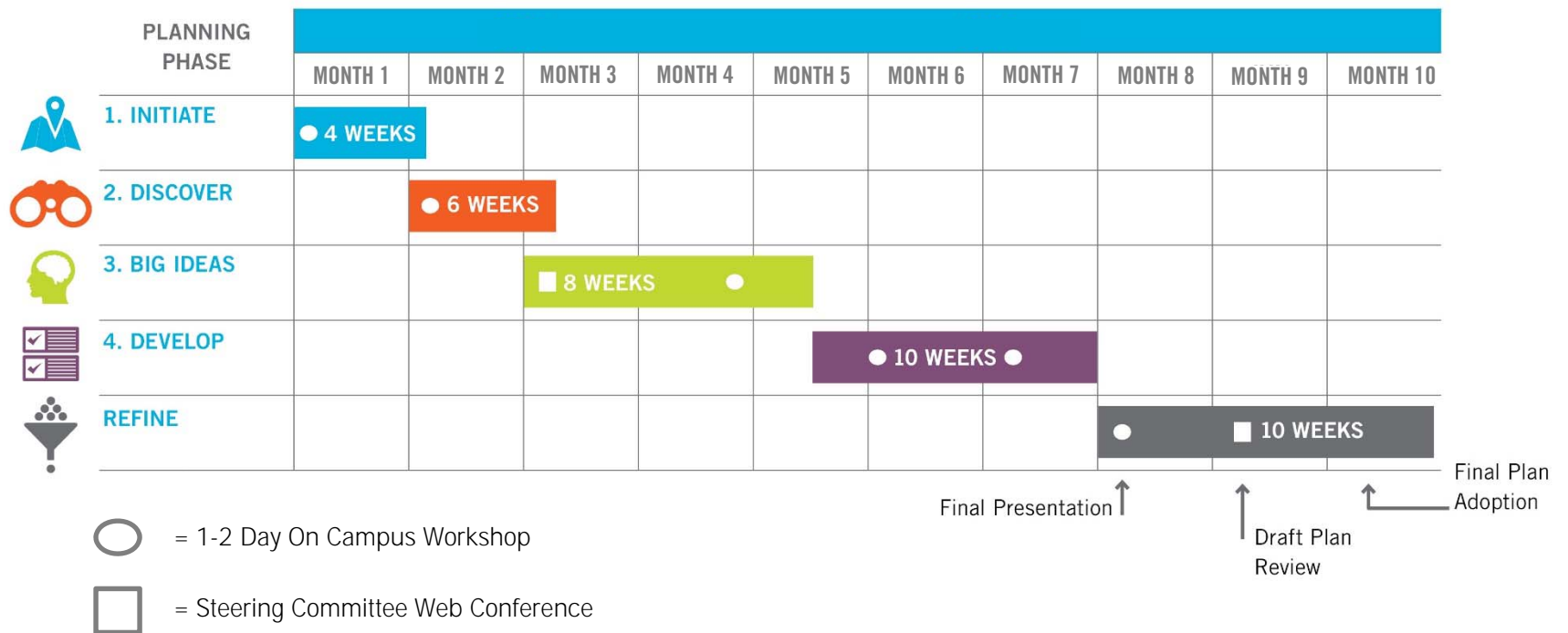
**DIRECTION-SETTING + ADVISING**  
- Meet at Workshops

**USER INPUT**  
- Meet at Workshops

# PLANNING PROCESS: PROJECT PHASES



# EXAMPLE PROJECT SCHEDULE



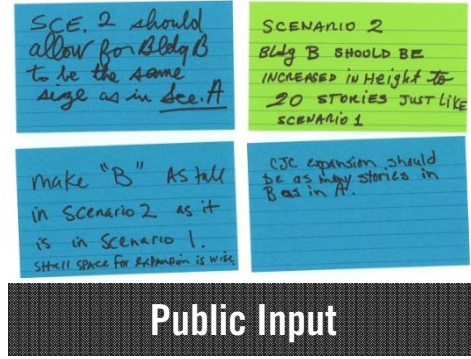
# ENGAGEMENT TOOLBOX



Steering Committee



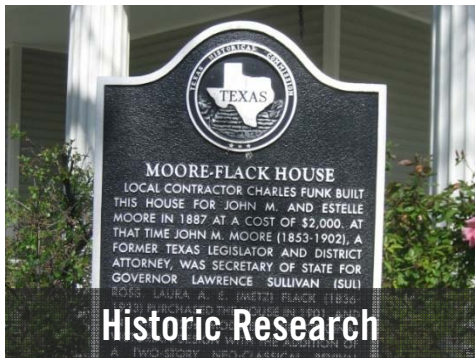
Visioning Sessions



Public Input



Facility Tours



Historic Research



User Interviews



Interface w/ Government



Public Charrette



DIALOGUE /

HI-TECH



+

HI-TOUCH



**DIALOGUE /**

Input + Advising + Decision-Making

**HI-TECH**



**Website  
Web Conference  
Newforma**



**Online Survey**



**Live Polling**

**DIALOGUE /**

Input + Advising + Decision-Making

**HI-TOUCH**



**“Town Hall”**



**Open House**

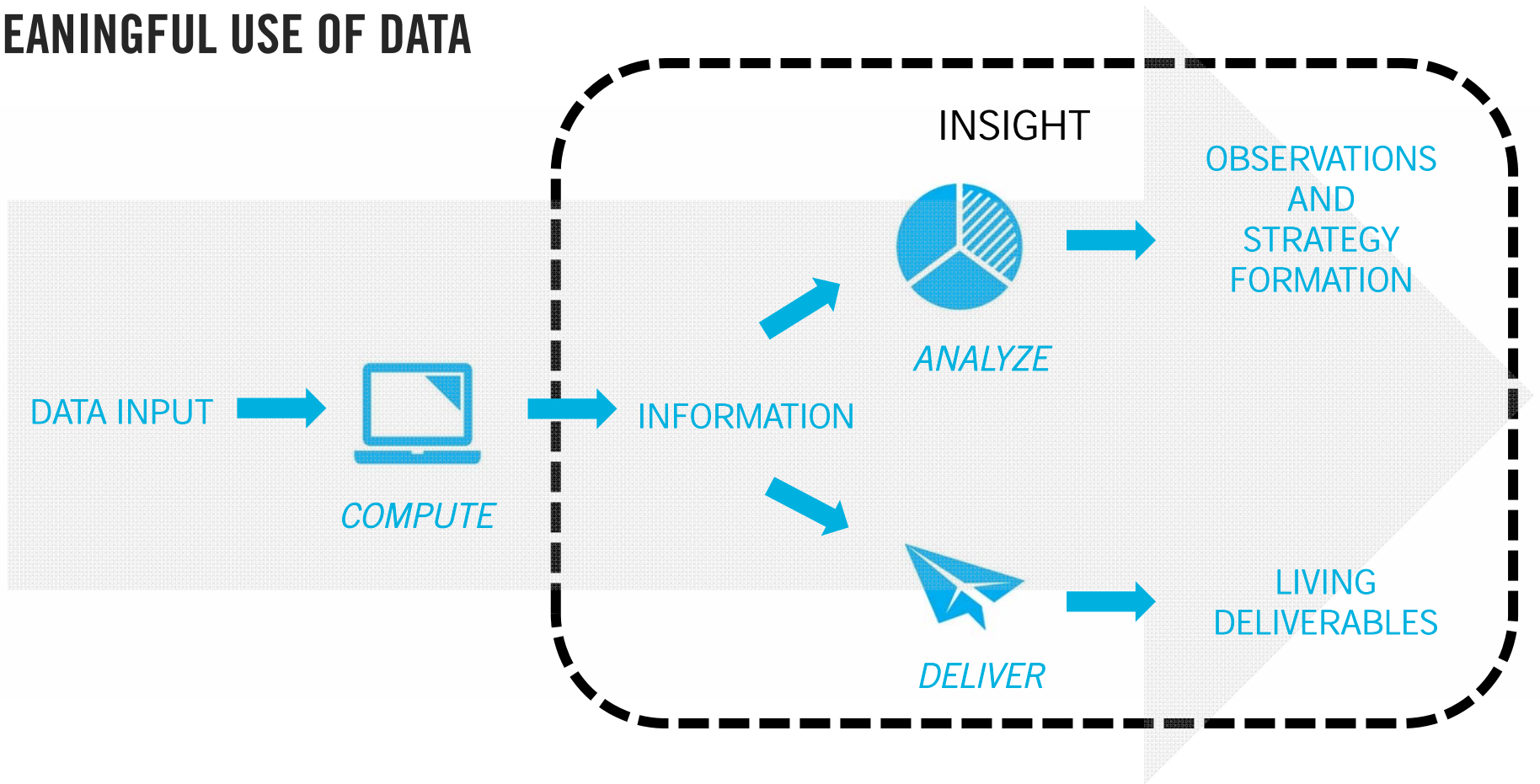


**Visioning Workshops**

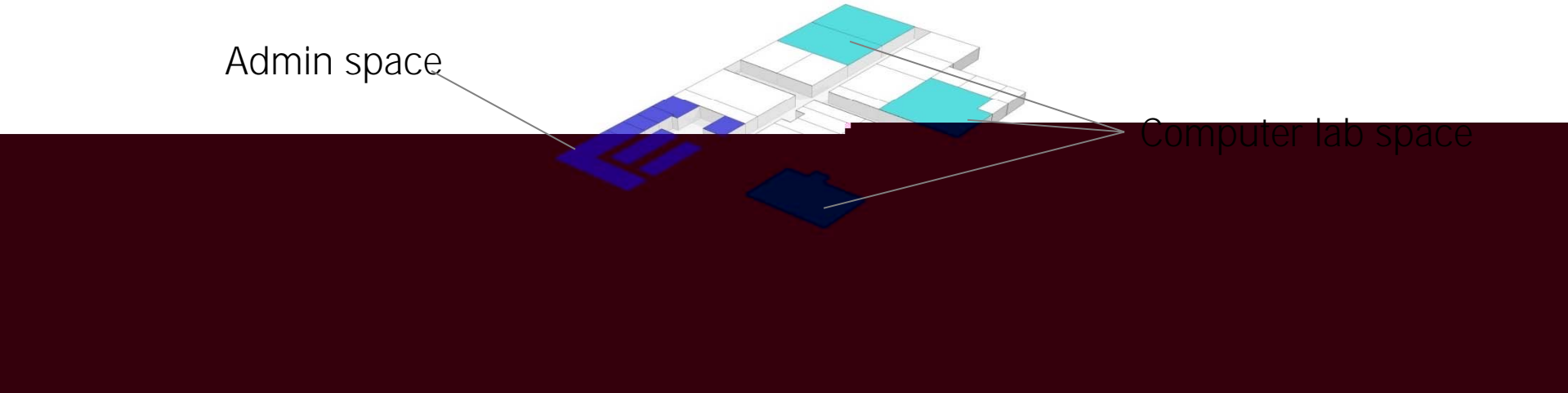


**Charrettes**

# MEANINGFUL USE OF DATA



UNDERSTANDING SPACE UTILIZATION

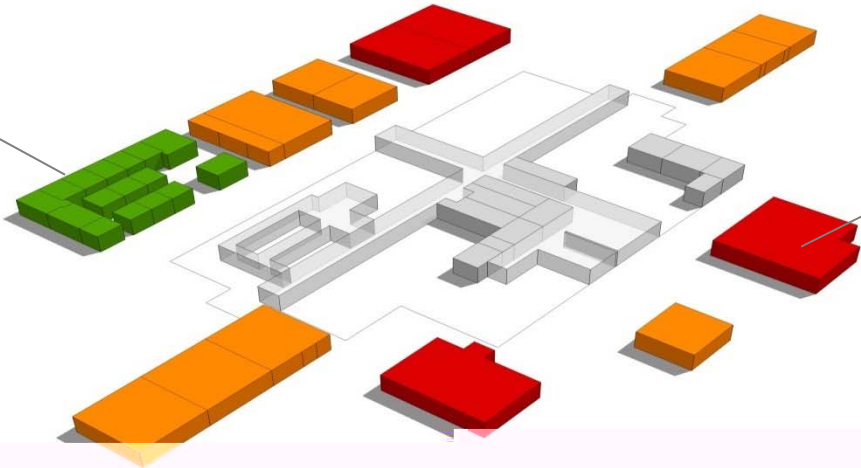




**UNDERSTANDING SPACE UTILIZATION**

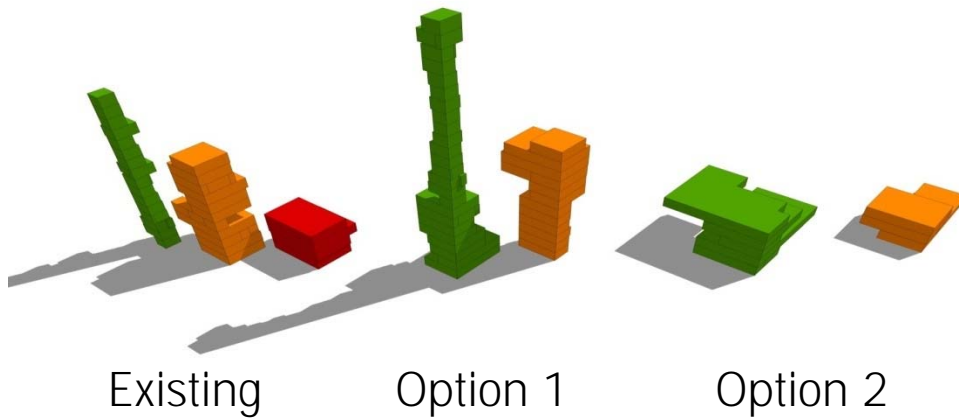
*space utilization analysis*

Efficient Use



Over Utilized Space

# UNDERSTANDING SPACE UTILIZATION



General Classroom (100.10,100.15)	CURRENT	GUIDELINE	PROPOSED PROJECTS	SHORT TERM	MID TERM	VISION
Total or Guideline ASF	146,457	176,478		182,764	200,431	219,947
Owned ASF (input or [2])	146,457		19,650			
Leased ASF (input or [2])			0	0	0	0
New Construction ASF (input or [2])			19,650			
Demolition ASF (input or [2])			(21,924)	0	0	0
Interior Demolition ASF (input or [2])			0	0	0	0
Surplus / Deficit ASF		(30,021)		(38,582)	(56,249)	(75,765)

\* All areas include service space (FICM RMS)

### space guidelines

Space Standard Used:  CEFPI (12.84),  STATE (NA),  ALTERNATIVE BENCHMARK (12.00)

ASF per FTE: 12.84

the average of general classrooms space found across sample institutions

### CEFPI Space Variables

Goal WRU (hr): 40.0

Goal SUR (%): 67%

Seat Allocation (average SF): 25

Weekly Student Contact Hours: 18,184

### Academic Space Needs

8/1/2015

PERKINS + WILL

	Current	Guideline
ASF per FTE	10.65	12.84
% of total campus	9.8%	10.4%

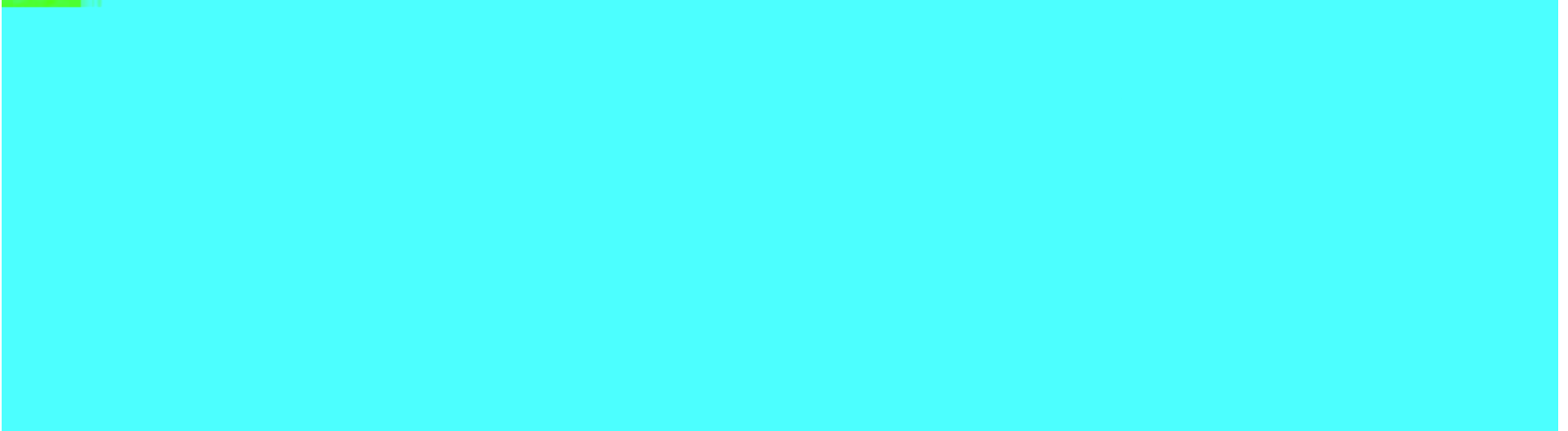
**notes**

Space in this category is located in: Allyn Hall, Biological Science, Brehm Lab, Creative Arts Center, Nutter Center, Fawcett Hall, Health Science Building, Math and Micro, Medical Sciences, Millet Hall, Oelman Hall, Rike Hall, Russ Engineering Center, University Hall, White Hall

Space Demolished in this category is located in: Biological Science, Math and Micro, Medical Sciences & Health Sciences.

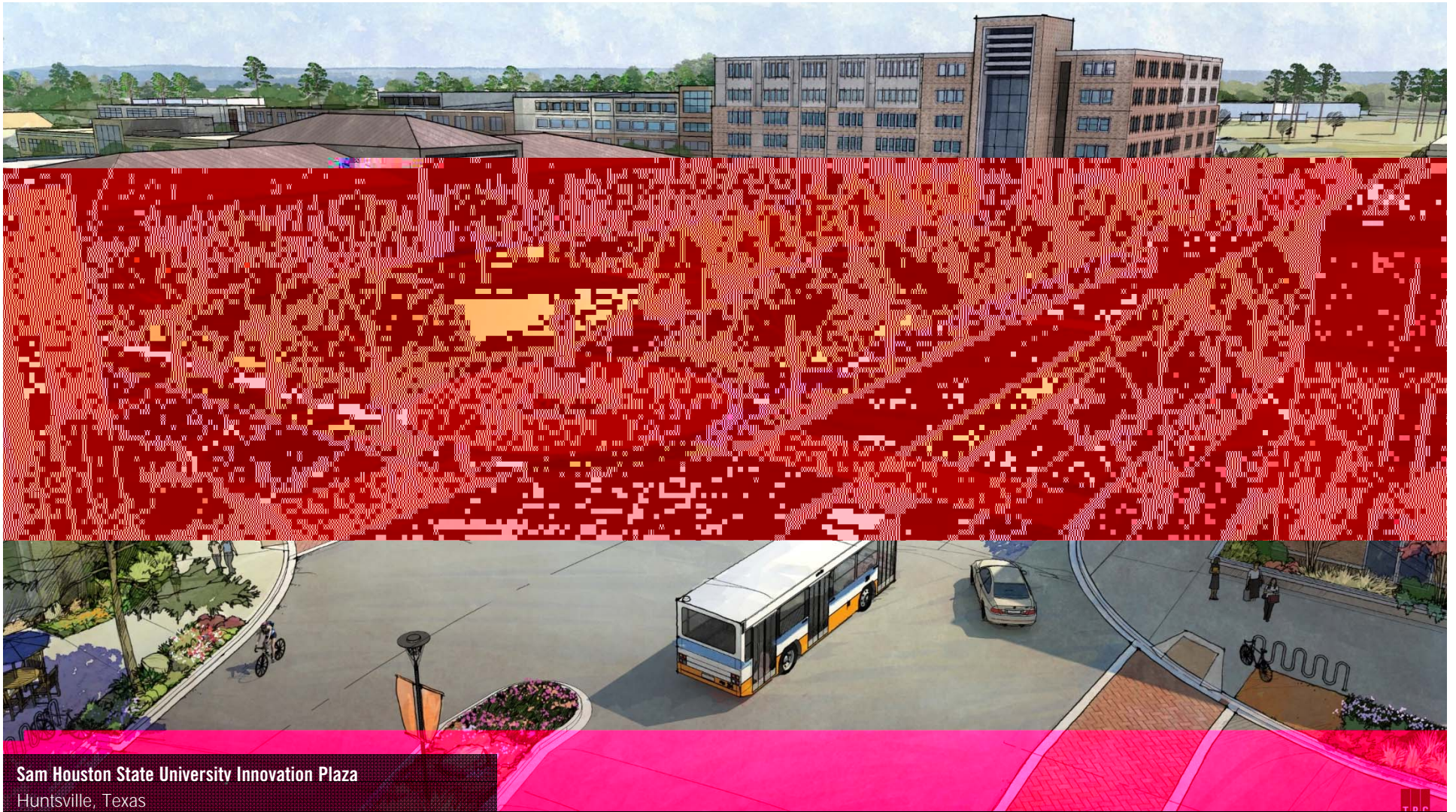
Scenario	ASF Value
CURRENT	146,457
GUIDELINE	176,478
SHORT TERM	182,764
MID TERM	200,431
VISION	219,947

Analysis Data / Dashboard



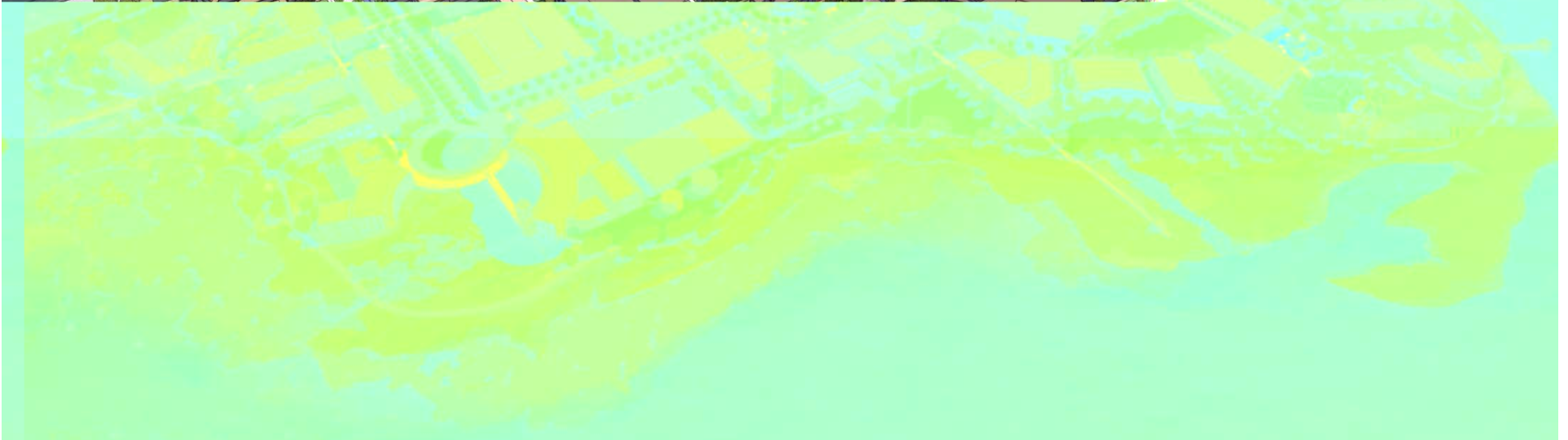
**Sam Houston State University Innovation Plaza**  
Huntsville, Texas





**Sam Houston State University Innovation Plaza**  
Huntsville, Texas





**Texas A&M University-Corpus Christi Campus Master Plan**  
Corpus Christi, Texas







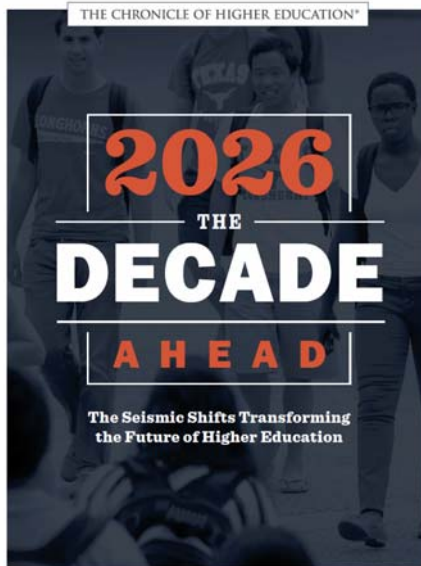
Texas A&M University-Corpus Christi Campus Master Plan  
Corpus Christi, Texas

**RESPONDING TO CHANGE**

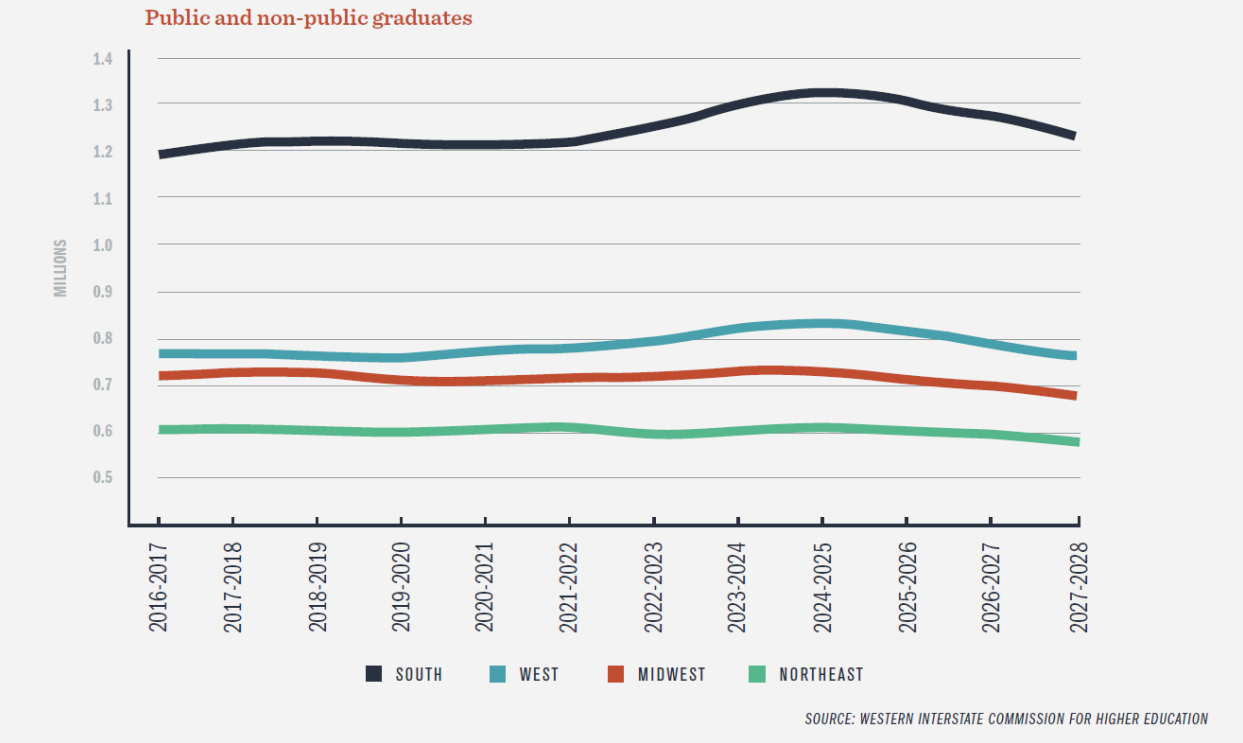


1. Demographics
2. Learning and Technology
3. Marketplace

## CHANGING DEMOGRAPHICS

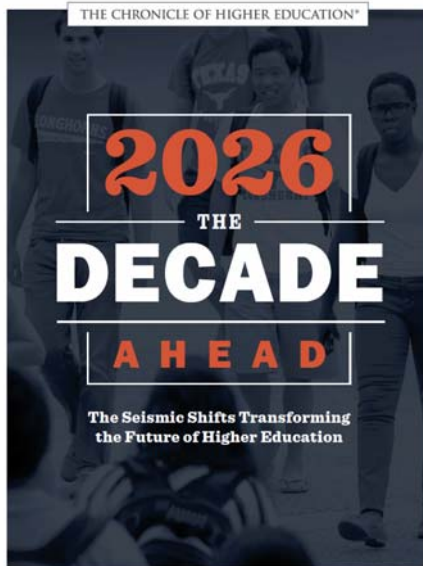


**FIGURE 3** A SMALLER PIPELINE OF HIGH SCHOOL GRADUATES





## CHANGING LEARNING AND TECHNOLOGY



**FIGURE 19** TWO-THIRDS OF AMERICANS THINK THAT COMPUTERS AND ROBOTS WILL DO MUCH OF HUMAN WORK IN 50 YEARS



SOURCE: PEW RESEARCH CENTER

In 2010, the National Research Council released a report describing the broad skills students need to succeed when facing the future challenges of the workplace...

Often described as “21st Century Skills,” these include a mix of cognitive, intrapersonal, and interpersonal attributes such as collaboration and teamwork, creativity and imagination, critical thinking, and problem solving.

# NEXT 20 YEARS: **CREATING A SENSE OF PLACE**





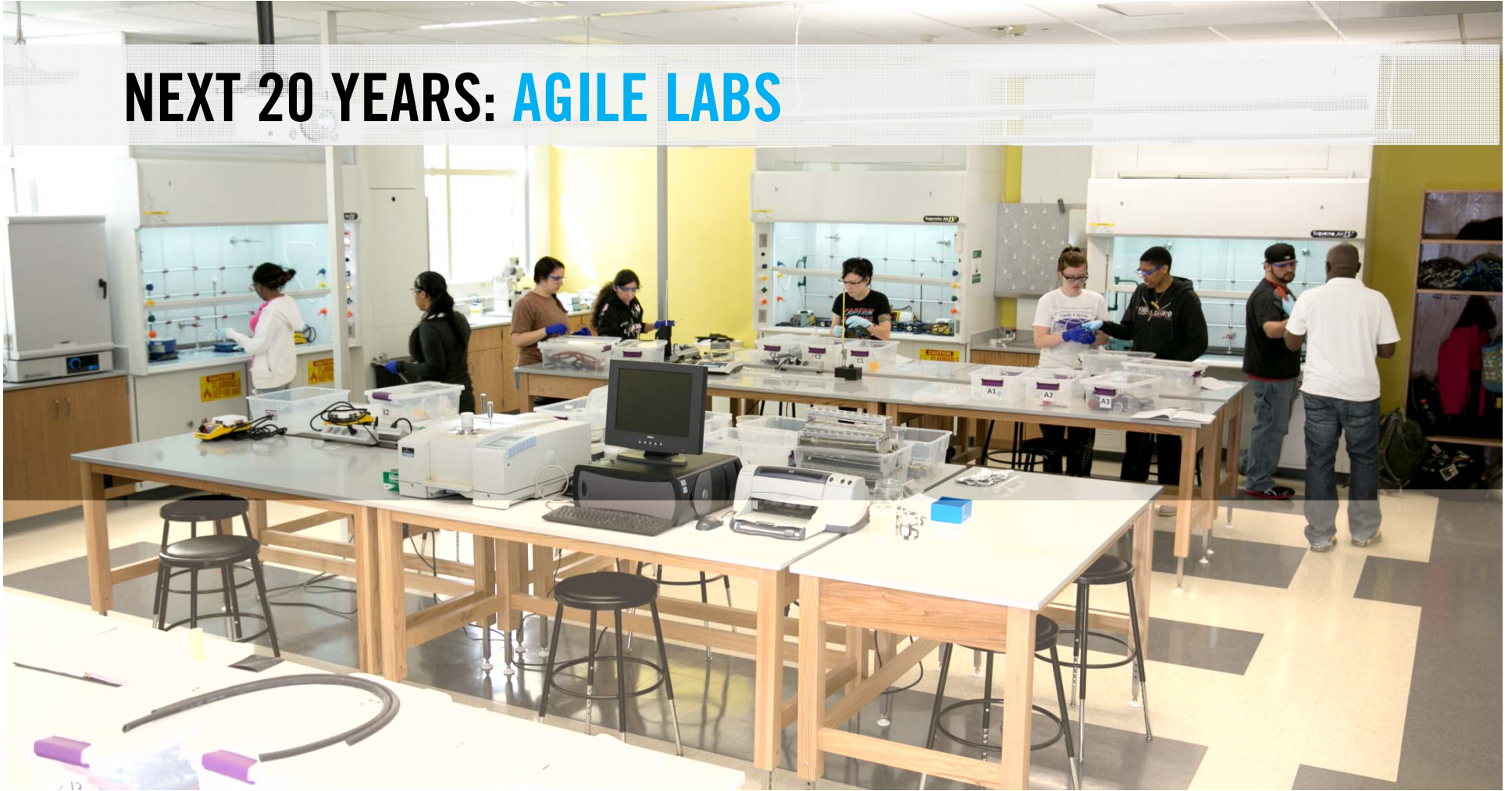


## NEXT 20 YEARS: **ACTIVE AND FLEXIBLE**

***“IT IS THE QUALITY OF THE RELATIONSHIPS STUDENTS HAVE THAT IS MOST CLOSELY ASSOCIATED WITH THEIR EVENTUAL COLLEGE SUCCESS.” – RESEARCH BY ALEXANDER AUSTIN, “WHAT MATTERS IN COLLEGE”***



# NEXT 20 YEARS: AGILE LABS



# NEXT 20 YEARS: **TRANSPARENCY, MOBILITY AND TOUCH-DOWN SPACES**





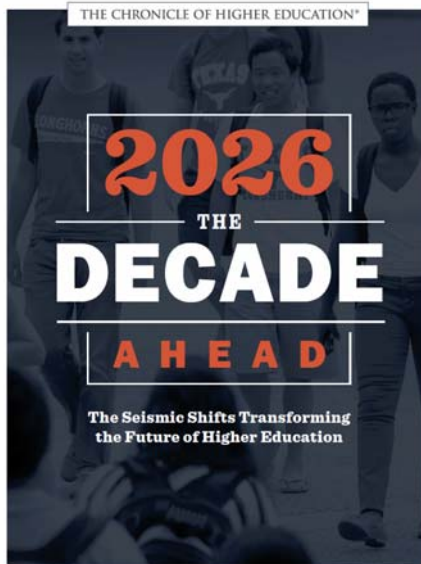
# NEXT 20 YEARS: **LEARNING COMMONS**



# NEXT 20 YEARS: COLLABORATION



## CHANGING MARKETPLACE



- Learning based on competencies, not credit hours
- Stackable credentials
- Outcomes accountability
- A college for life



# QUESTIONS?