





CTE Long Range Facility Planning LRFP Committee | Meeting #1

Jennifer Blaine, Ed.D. Superintendent of Schools

Welcome





Spring Branch ISD

• Jennifer Blaine, Ed.D. Superintendent of Schools

Travis Stanford Associate Superintendent for Operations

Kristen Craft, Ed.D. Associate Superintendent for Academics

Max Buja Director of Planning & Construction



Christina Rice-Imumwen Director of Career & Technical Education (CTE)

Angie Robertson Career & Technical Education Coordinator

Nicole Henneke Career & Technical Education Facilitator

Charles Canales Career & Technical Education Facilitator

Christine Walker
 Career & Technical Education Facilitator



Stantec Architects

Jennifer Henrikson Principal - Architect

• **Gin Kappler-Peeler** Sr. Project Manager - Architect + Interior Designer

Denise Rivas Assistant Project Manager

Mark Jackson Sr. Project Manager - Architect

Gary Dunn Sr. Project Manager - Architect

Kimberly Bow
 Project Director

CTE Long Range Facility Plan Committee - Charge

- The SBISD Board of Trustees will appoint a Career and Technical Education (CTE) Long Range Facilities Committee (The Committee) comprised of parents, students, staff, community members, business representatives, and administrators to participate in the development of the SBISD CTE Long Range Facilities Plan.
- The Committee will function in an advisory capacity to the SBISD Board of Trustees, Superintendent and Senior Staff. The Committee will consider the District's vision for the future of CTE, the conditions and capacities of its existing classrooms, labs, and facilities, and future CTE-related facility needs.
- The Committee will present recommendations to the Board of Trustees by ______. The Board of Trustees will receive and review the Committee's recommendations. The Board of Trustees will be responsible for the final approval of a CTE Long Range Facilities Plan and its execution.

CTE Long Range Facility Plan Committee – <u>Scope of Work</u>

- Receive and review the <u>CTE Task Force report</u> and <u>CTE Working Group report</u>.
- Receive and review the <u>new CTE Educational Specifications</u>.
- Receive and review all reports regarding CTE classrooms, labs and facilities.
- **Review options** for <u>existing, renovated and/or new facilities</u>, and their implications for projected enrollments, anticipated instructional programs and technology and related educational specifications, district staff, operations, and costs.
- Develop and present to the Board of Trustees a CTE Long-Range Facilities Plan to serve the district as a baseline for the next 10 years. The Plan should include recommendations related to upgrades, renovations, and/or expansions to existing classrooms, labs, and facilities to align with the CTE Program of Studies, and where appropriate, identify facilities to be replaced or added to the portfolio.
- The Committee will conclude its work once its CTE Long-Range Facilities Plan has been presented to the SBISD Board of Trustees, unless otherwise charged by the Board of Trustees.

CTE Long Range Facility Plan Committee – Refrain from

- Recommendations regarding specific <u>design</u> of schools or district facilities, <u>location(s)</u> of schools or district facilities or boundaries of district facilities,
- Recommendations regarding <u>instructional arrangements</u> and/<u>or educational pedagogy</u> and <u>district policy</u> as the CTE Long Range Facilities Plan is developed

CTE Long Range Facility Plan Committee - Composition

The composition of the Committee will be as outlined below. The membership of the Committee will represent all geographic areas of the community. Efforts should be made to include members on the Committee who participated in the CTE Task Force, while also including individuals with expertise in the areas aligned with our CTE program. Individuals accepting membership should be able to attend at least 80 percent of the scheduled meetings. The Board of Trustees will approve the Committee membership roster.

Category	Number	Total Number	
Parents	1/middle and high school campus	14	RANDANIS Participants
Students	1/high school	7	
Business Representatives	45	10	45 = Parent, Student + Community Reps
Higher Education Representatives		4	SBISD Secondary Campuses
Community Members		10	Higher Education + Business Community
Certified Staff	1 Middle/1 High/1 Special Program	12	riighei Laucanon + Business Community
(Teachers, Counselors)			
Principals /Assistant Principals	(1 Principal and 1 Assistant Principal per High/High School Feeder Pattern, 1 Central CTE Program, 1 Special Program)	10	22 = SBISD Secondary Campus Staff Leaders + Instruction
Central Administrators	4.5	6	00 - CDICD Administrator + Trustons
Trustees - Non Voting Members	42	2	08 = SBISD Administrator + Trustees
Total		75	

CTE Long Range Facility Plan Committee:

CTE LRFP Committee:

2 Co-Chairs

- Shannon McNary
- Ed Valicek





CTE LRFP Committee Composition

75 Participants

Kristen Craft, Ed.D. Associate Superintendent for Academics

CTE Overview

T-2-4

Every SBISD Graduate will attain a technical certificate, military training, or a two-year or four-year degree.

The District will pursue the SBISD T-2-4 goal by increasing the number of students who complete a technical certificate, military training, or a two-year or four-year degree from 44% to 72% by 2022.





Meeting #1 Agenda

• Introductions | CTE LRF Committee Charge – SBISD | Stantec

- 1 40 Minutes + 5 Min Q/A
- CTE Task Force | Survey | Working Group SBISD CTE
- CTE Education Programs | Business Partnership SBISD CTE

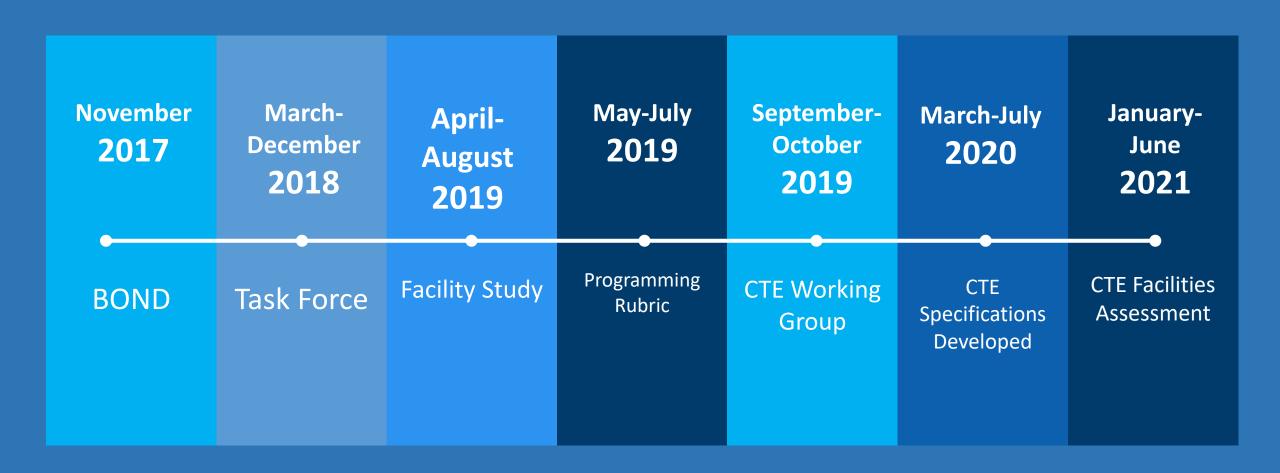
- 2 20 Minutes + 5 Min Q/A
- CTE Education Specifications Stantec
- CTE Facilities Assessment Update Stantec
- 3 10 Minutes
- What to Expect at LRFP Mtgs Stantec
- 5 Minutes
- Closing Remarks SBISD

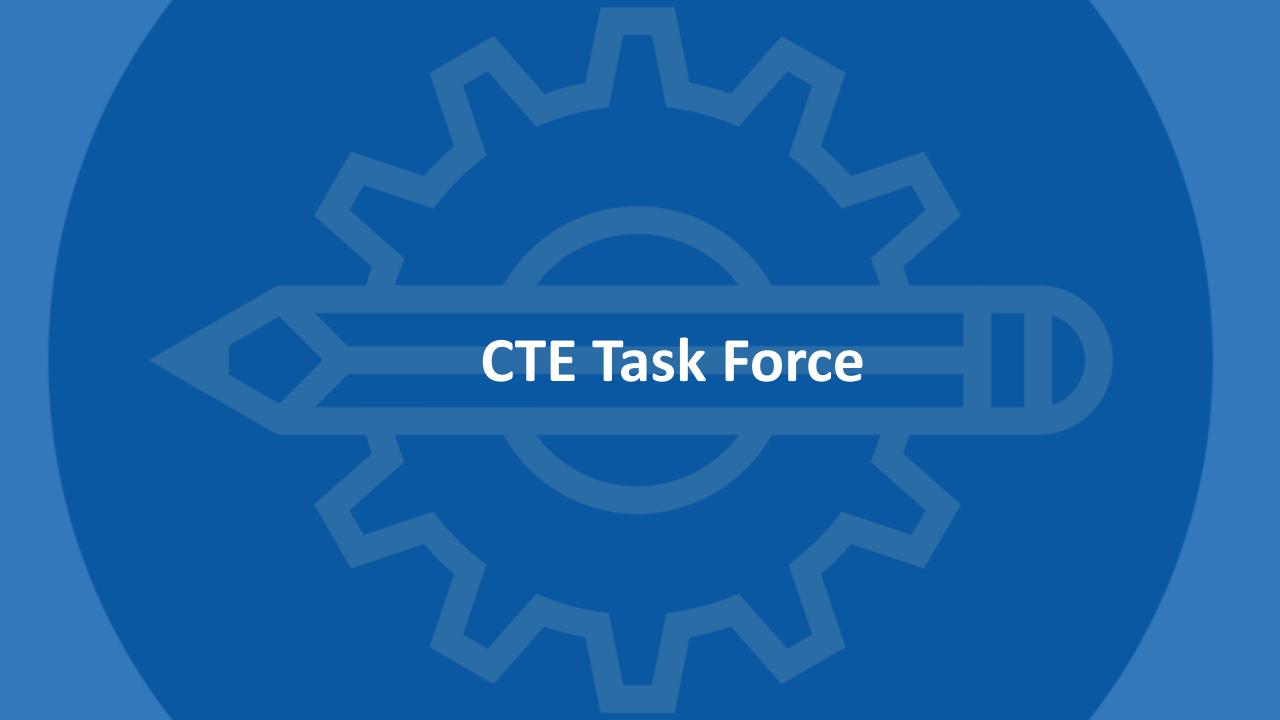


SBISD - CTE Long Range Planning Committee

May 18, 2021

Timeline & Context





CTE Task Force

Create a vision of a



world-class CTE program for SBISD ??

and develop actionable recommendations for achieving that vision.



CTE Task Force - Vision



Our vision of a world-class CTE program in SBISD:

- 1. Equitable access to all CTE programs for all students
- 2. Courses and programs that tap into students' interests and passions
- 3. Strong pathways aligned with our T-2-4 goal
- 4. Rigorous programs with quality teachers using industry-relevant curriculum, resources and technology
- 5. Forward-thinking programs aligned with needs of industry

CTE Task Force - Vision



Our vision of a world-class CTE program in SBISD...

- 6. Integration of academics in all CTE courses
- 7. Strong commitment by leadership that CTE is a critical part of achieving T-2-4
- 8. A high level of awareness of CTE opportunities
- 9. Ongoing collaboration with industry and higher education
- 10. Opportunities for students to compete and to demonstrate leadership

PROGRAMMING

- Forward-Thinking Programs Aligned to Industry Needs and Student Interests
- Regular Evaluation Based on Student T-2-4 Outcomes
- Innovative Scheduling and Delivery of CTE Courses
- Opportunities for Student Leadership and Competitions
- Pathway Completion Prioritized in 4-Year Planning

CONNECTIONS TO THE REAL WORLD

- Industry Advisory Board to Advise on CTE Programming, Teaching, Curriculum, Facilities/Equipment, Certifications, and Career Opportunities
- Higher Ed Advisory Board to Advise on Pathways to Higher Ed, Dual Credit, Scholarships, and Postsecondary Focus
- Real World Learning via Job Skill Training, Project Based Learning, Student Self-Assessment, and Career Exploration

Summary of CTE Task Force Recommendations

MODEL(S) & LOGISTICS

- ✓ World Class Facilities and Industry-Standard Equipment
- ✓ Career Center Model with Optional Academy or School-within-a-School
- ✓ Centralization/Coordination of CTE Program
- Business and Higher Ed Partnerships
- ✓ SBISD Liaisons for Industry and Community
- Equitable and Efficient Access for All Students

INSTRUCTION

- Opportunities for All Students to Earn Certifications and/or College Credits
- Opportunities for CTE Dual Credit
- Employability/Interpersonal Skills in All CTE Courses
- Professional Dev. for Teachers from Industry
- Integrated Lessons in Academic and CTE Courses
- Opportunities for Student Enterprises

COMMUNICATION AND AWARENESS

- Community-Wide Culture that Values CTE
- CTE Branding and Marketing Campaign
- PK-12 Career Development Curriculum
 - o ES: Begin Career Awareness/Exploration
 - MS: Career Interest Profile; 8th Grade Exploration Course to Develop HS Plan
 - HS: Continue Exposure to Careers,
 Postsecondary Options, Workplace Realities
- College and Career Counseling Staff Designated at Each Campus

IBI Facilities Survey

IBI FACILITIES SURVEY | SUMMARY

- In the 60s and 70s, when the schools were built, every campus was designed with shop and culinary areas.
 These spaces remain largely unchanged or are now used for another purpose. *Opportunity*
- The CTE spaces do not appear to be forward-thinking or aligned with the future needs of major industries and supporting businesses. *Vision Statement No. 5.*
- There is very little or no evidence of business and industry influence in the CTE spaces. *Vision Statement No. 9.*
- The Guthrie Center does not portray a place for workforce training, compared to that of a college campus or an office building.

CTE Working Group

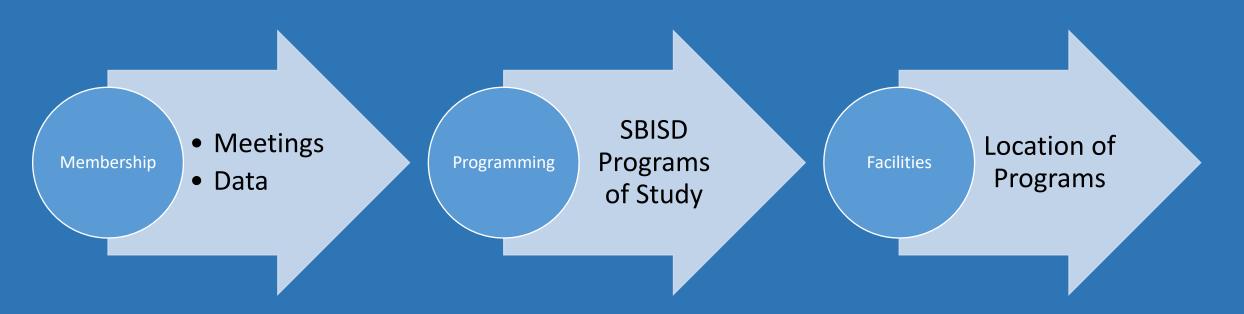
CTE Working Group

Make recommendations on

66

CTE programming & CTE facilities ""

for a proposal to the Board.



Our Goal T-2-4 for Every Child

Criteria for Evaluating Programs of Study

- Potential impact on T-2-4 outcomes
- Balance of T-2-4 opportunities for all SBISD students
- Aligned with business and industry needs
- Can attract the interest of SBISD students
- Capacity for sustainable programs

Our Goal T-2-4 for Every Child

Process for Evaluating Programs of Study

- Multi-stage process with rigorous evaluation and discussion
- Studied data
 - Labor market forecasts
 - Course requests
 - Availability of industry certifications
- Reached consensus

Career & Technical Education Programs

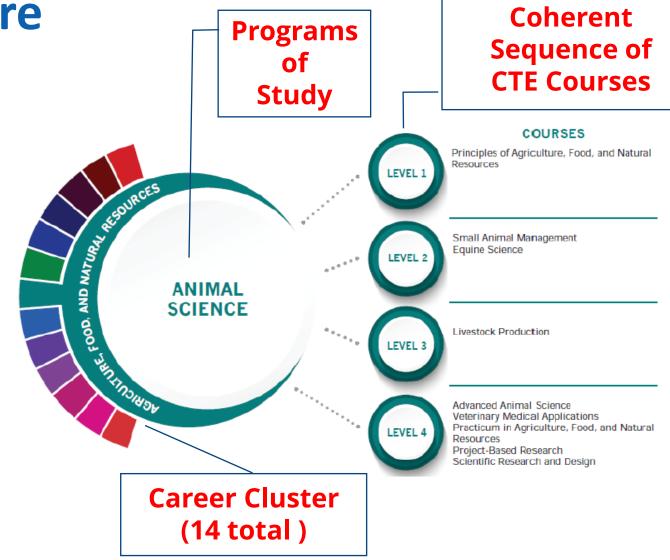
CTE Vocabulary



- Career Cluster a grouping of related careers such as Architecture and Construction or Business, Marketing and Finance
- CTE Program of Study A coordinated sequence of courses at the secondary and postsecondary level that:
 - Incorporates challenging state academic standards
 - Addresses academic, technical, and employability skills
 - Is aligned with the needs of industries in the state, regional, and/or local economy
 - **Progresses in specificity** (beginning with all aspects of industry and leading to more occupation specific instruction)
 - Has multiple entry and exit points that incorporate credentialing
 - Culminates in the attainment of a recognized post-secondary credential

CTE Curriculum Structure

Programs of study are course sequences that prepare students with the knowledge and skills necessary for success in their chosen career. These sequences embed relevant, real world experiences and culminate in a postsecondary credential.



Programs of Study – Why?



- **Federal Funding** mandated state agencies to create statewide POS.
- TEA created new statewide plans outlining the alignment of CTE course for funding as well as coding.
- **HB3** Now requires reporting of CTE Course Sequences as well as Industry Based Certifications.
- **SBISD T-2-4** plan calls for sequences to maximize student outcomes.







Grade Level	Course Name	HS Credit	Focus of Course	Focus Points
8 th Grade	Path College/Career Prep 1 (1 semester non CTE course recommended for all middle school students)	0.5	Students connect their own strengths and interests with potential careers and postsecondary requirements, review all high school opportunities, and build informed 4-year plans for high school	Career Exposure ✓ Knowledge of Strengths/Interests ✓ Knowledge of Opportunities ✓ High School Credit ✓
8 th Grade	Professional Communications (1 semester CTE course; counts as Speech credit)	0.5	Students develop and expand their ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research	Foundation HS Skills (Tech, Employ.) ✓ Career Exposure ✓ High School Credit ✓
7 th Grade	Principles of Information Technology (Full year CTE course)	1.0	Students learn about computer hardware, software, networking, word processing spreadsheets, data bases, web publishing, and emerging technologies	Foundation HS Skills (Tech, Employ.) ✓ Career Exposure ✓ Knowledge of Opportunities ✓ High School Credit ✓
6 th - 8 th Grade	PLTW Gateway to Technology Courses (1 semester CTE courses, each with a different content; students earn 0.5 credit for each semester up to 2.0 credits)	0.5 – 2.0	Students learn tech and problem-solving skills in hands-on activities; campuses can choose tech and content focuses: Design and Modeling Automation and Robotics Computer Science for Innovators and Makers Medical Detectives	Foundation HS Skills (PBL, Tech) ✓ Career Exposure ✓ Knowledge of Opportunities ✓ High School Credit ✓

- Development of educational skills
- Exposure to careers
- Knowledge of strengths and interest
- Knowledge of opportunities
- Prioritize courses offering high school credit

Recommended Future CTE Programs of Study

LEANS T

- Electrical Tech
- Culinary Arts
- Cosmetology
- Pharmacy Tech
- Welding
- Construction Tech
- Dental Assistant
- Automotive Tech

LEANS 2

- Info. Technology
 Support & Services
- Animal Science
- DigitalCommunications
- Design & Multimedia
 Arts
- Law Enforcement
- Patient Care Tech

LEANS 4

- Accounting & Financial Services
- Vet Med
- Healthcare Practitioner
- Engineering
- Teaching & Training
- Business Management
- Entrepreneurship
- Architectural Design
- Cybersecurity
- Programming & Software Development

Black – current Blue – expanded Green - new

Examples of Programs of Study Course Sequences

Cluster	Architecture & Construction	Health Science	Business, Marketing, & Finance
Program of Study	Electrical	Patient Care Technician (Healthcare Therapeutic)	Accounting & Financial Services
Level 1 (Location)	Principles of Construction (Campus)	Principles of Health Science (Campus)	Principles of Business, Marketin <mark>g, and</mark> Finance (Campus)
Level 2 (Location)	Applied Mathematics for Technical Professionals AND Electrical Technology I (Central Facility)	Medical Terminology (Campus)	Accounting I OR Financial Mathematics (Campus)
Level 3 (Location)	Electrical Technology II (Central Facility)	Health Science Theory (Central Facility)	Accounting II OR Financial Analysis (Campus)
Level 4 (Location)	Practicum in Construction Technology (Central Facility/OJT)	Practicum in Health Science (Central Facility/OJT)	Practicum in Business Management (Campus/OJT)







System Level Actions

Enhanced Student Guidance

- Middle school college/career course
- K-12 college/career counselors
- Improved use of Naviance and post secondary guidance

Scheduling

- Consideration of campus schedules
- Individual student scheduling
- Transportation

Staffing

- Centralized for additional flexibility
- Time provided for teacher training, externships, planning
- District of Innovation exemptions

Facilities



Program Level Actions

- Implement 4-year course sequences, including internships/practicums
- Secure industry partnerships
- Secure Higher Ed partnerships dual credit opportunities
- Establish student organizations and student enterprises
- Provide industry based certifications
- Provide industry standard equipment

CTE Advisory Board

Purpose

Strategic planning

Information & Feedback

Networking & Support

Who

Business & Industry Representatives

College Faculty

Community Members

Why

Help create a worldclass CTE program

Develop a pipeline of industry talent

Bring meaningful experiences to SBISD students





CTE Educational Specifications



Spring Branch ISD **Board of Trustees** Spring Board Presentation Presentation

October 5, 2020

2021 CTE Long Range **Facility Planning** Committee LRFP Mtg #1 - 5/18/2021





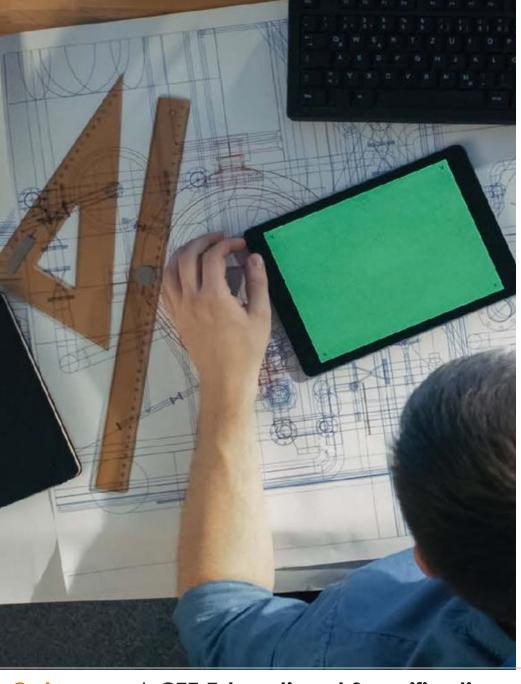
CTE Ed Spec Core Committee

(CTE Educational Specifications)

Previous Contributors

(CTE Task Force + CTE Working Group)

SBISD CTE CORE COMMITTEE			OTHER CONTRIBUTORS		
Spring Branch ISD		CTE Task Force	65-member Task Force Committee		
Travis Stanford	Associate Superintendent - Operations	(65) Task Force Committee	Cross-functional group (SBISD, Community. Etc.)		
Lance Stallworth	Exec. Director - Student Support Services		Refer to Dec 2018 Recommendation to Board		
Christina Rice-Imumwen	Director - Career & Technical Education				
David Sablatura	Retired Director - Career & Technical Education	CTE Working Group	21-member CTE Working Group		
Angie Roberston	CTE Coordinator	(4) SBISD HS Principals	MHS, NBHS, SWHS, SHS		
Nicole Henneke	CTE Facilitator	(3) SBISD Principals	AOC, WAIS, Guthrie		
		(2) SBISD MS Principals	NBMS, SFMS		
Stantec Architecture, Inc.		(5) SBISD Counselors	Director, Coordinator, NBHS, SHS, SOMS		
Jennifer Henrikson	Principal	(1) Region 4 CTE Rep	Regional CTE Coordinator		
Mark Jackson	Senior Associate, Sr. Project Manger	(6) Community Members	Served on 2018 CTE Task Force		
Gin Kappler-Peeler	Senior Associate, Sr. Project Manger	(1) SBISD Board Member	Served on 2018 CTE Task Force		
Gary Dunn	Project Manager		Refer to Dec 2018 Recommendation to Board		



CTE Educational Specification – What is the **Benefit** for SBISD?

- 1) Outlines SBISD's "Optimal Approach" to the CTE Programs of Study
 - Facility Guideline to support CTE Instructional Sequence
 - Ideal Space Requirements: Quantitative and Qualitative
- 2) Provides a "Benchmark" to review current facilities for Instruction
 - Instructional Spaces: Classroom + Lab/Specialty Spaces
 - Educational Adequacy: Functional Criteria for Instruction
- 3) Provides a "Guideline" to describe the ideal physical environment
 - Planning Drivers: Functional Relationship Diagrams
 - Program: Space Type Quantity + Square Footage
 - Room Data: Design Guidelines + Room Finishes + Equipment

Provides SBISD the "Benchmark / Guideline" to perform an Assessment of the CTE Instructional Spaces as needed.

ndex	CTE Career Cluster	Home Campus	Central Faciity
1	Agriculture, Food & Natural Resources	Agriculture, Food & Natural Resources	Agriculture, Food & Natural Resources
		N/A	1.1 Animal Science (Farm)
2	Architecture & Construction	Architecture & Construction	Architecture & Construction
		2.1 Principles of Construction (Shared Lab)	2.1 Construction Technician
			2.2 Electrical Technician 2.3 Architectural Design
3*	Manufacturing	Manufacturing	Manufacturing
		2.1 Principles of Construction (Shared Lab)	3.1 Welding
4	Arts, Audio Visual Technology & Communcations	Arts, Audio Visual Technology & Communcations	Arts, Audio Visual Technology & Communcations
		4.1 Design & Multimedia Arts (Tech Apps)	4.1 Digital Communications (Filmmaking)
5	Business, Marketing & Finance	Business, Marketing & Finance	Business, Marketing & Finance
		5.1 Accounting & Financial Services	N/A
		5.2 Business Mgmt & Entrepreneurship - NEW	
6	Education & Training	Education & Training	Education & Training
_		6.1 Teaching	N/A
7	Energy	Energy	Energy
_	W 14 6 2	N/A	N/A
8	Health Science	Health Science 8.1 Health Science	Health Science 8.1 Healthcare Practitioner
		0.1 Health Science	8.2 Patient Care Technician - NEW
			8.3 Dental Assistant - NEW
			8.4 Pharmacy Technician
9	Hospitality & Tourism	Hospitality & Tourism	Hospitality & Tourism
		N/A	9.1 Culinary Arts
10	Human Services	Human Services N/A	Human Services N/A
11	Information Technology	<u>'</u>	·
11	Information Technology	Information Technology N/A	Information Technology 11.1 Info Tech Support & Services
12	Law & Public Safety	Law & Public Safety	Law & Public Safety
	Law a r abit Jaiety	N/A	12.1 Law Enforcement
13	Science, Technology, Engineering & Mathematics	Science, Technology, Engineering & Mathematics	Science, Technology, Engineering & Mathematics
		13.1 Cybersecurity NEW	N/A
		13.2 Programming & Software Devel. (Comp Sci)	
		13.3 Engineering	
14	Transportation, Distribution & Logistics	Transportation, Distribution & Logistics	Transportation, Distribution & Logistics
	Desired Description of Charles	N/A	14.1 Automotive Technician - NEW
15**	Regional - Program of Study	Regional - Program of Study N/A	Regional - Program of Study 15.1 Cosmetology
L6**	Military IDOTC		
10	Military - JROTC	Military - JROTC N/A	Military - JROTC 16.1 Navy JROTC

** (1) Regional POS | Cosmetology

** (1) Military | Navy JROTC

¹² Career Clusters out of 14 Total at SBISD + 2 SBISD Local Programs** (26) SBISD CTE Programs + (1) NJROTC 3 CC = 7 Home Campus Only (1) Arts Audio Visual Technology & Communications (2) Business, Marketing & Finance (1) Education & Training (3) Science, Technology, Engineering & Mathematics 3 CC = 3 Home + 9 Central Campus (1+3) Architecture & Construction (1+1) Manufacturing 1) Arts, Audio Visual Technology & Communications (1+4) Health Science 6 CC + 2* = 8 Central Campus Only (2) Agriculture, Food & Natural Resources (1) Hospitality & Tourism (1) Information Technology (1) Law & Public Safety (1) Transportation, Distribution & Logistics

^{* (}Manufacturing) "moved in Career Cluster INDEX Numbering Sequence" to be adjacent to Arch & Construction

^{#** (}Cosmetology + NJROTC) Not included in TEA Career Cluster Framework

Topic 1

SBISD CTE Ed Specifications: "Home Campus" Space Types

SBISD SPACE TYPE QUANTITY - MIDDLE SCHOOL CAMPUS

Index	Career Cluster / Space Type List	Quantity	Occupants	Unit SF	Total SF	Notes
MS	CAREER and TECHNICAL EDUCATION					
MS.1	High Intensity Lab Flex Lab	1	20-24	2,000	2,000	Flexible Shop, PLTW
	Equipment Room: Air Compressor	1		65	65	Approx. 8ft x 8ft
	Storage Cage: Materials	1		100	100	Approx. 8ft x 12ft
	Storage Cages: Tools + Project	2		50	100	Approx. 8ft x 6ft
	Lab Capacity (56 SF/Stu):	36		2,265	NSF
MS.2	Medium Intensity Lab STEM Lab	1	20-24	2,000	2,000	Engineering, Robotics, C.Sci
	Storage Room: Secured Storage	1		100	100	Approx. 8'x12' <or> 10'x10'</or>
	Storage Shelving Units				0	Locate at Perimeter Wall
	Lab Capacity(56 SF/Stu):	36		2,100	
MS.3	Clrm/Computer Lab Information Technology + STEM	1	20-24	800	800	Info Tech, BIM, Engineering
	Clrm/Computer Lab Arts, A/V & Comm. + Bus, Mktg & Finance	1	20-24	800	800	Multimedia Arts, Bus Comm
	Clrm/Lab Capacity(32 SF/Stu):	25		1,600	NSF
MS.4	Classroom Career and Technical Education (General Instruction)	1	20-24	700	700	Bus, Mktg, Communications
	Clrm Capacity (32 SF/Stu):	22		700	NSF
	Clrm Capacity (25			

HOME Campus - Grand Total (Middle School)

Middle School CTE - Equipment

Flex Lab / Maker Space

- Shop Equipment
- Casework w/ 2 sinks
- · Safety Station, FEC
- (5-6) Student Worktables
- (20-24) Student Stools
- Teacher Desk, Chair, Storage

STEM Lab / Maker Space

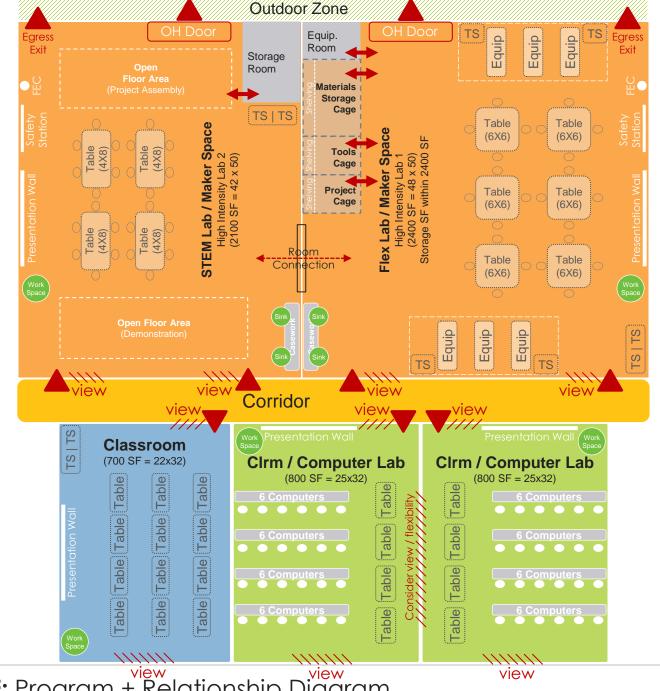
- (4) Student Worktables
- (24) Student Stools
- Teacher Desk, Chair, Storage

Classroom / Computer Lab

- (20-24) Student Computers
- (20-24) Chairs w/ Casters
- (4) Collaboration Tables

Classroom

- (10-12) Student Tables
- (20-24) Chairs
- Teacher Desk, Chair, Storage



SBISD SPACE TYPE QUANTITY PER HOME CAMPUS

Home → Central

Career	Programs of Study	MHS Qty / Space Type	NBHS Qty / Space Type	SWHS Qty / Space Type	SHS Qty / Space Type	
	Architecture & Construction Principles of Construction	1 P. Constr. Lab w/ 1 Clrm				
-	Manufacturing Principles of Construction	Shared w/ Arch & Construction	Shared w/ Arch & Construction	Shared w/ Arch & Construction	Shared w/ Arch & Construction	

Architecture & Construction + Manufacturing

26 Student Capacity

Principals of Construction

3.800 SF (1) Large Classroom 900 SF

2,500 SF (1) Pr. Construction Lab

(1) Storage Room

400 SF Optional

 Outdoor Space Note: Both Programs of Study

SHARE the same Classroom + Lab

Equipment

Pr. of Construction Classroom

- (26) Student Desk + Chairs
- Teacher Desk + Chair

Pr. of Construction Lab

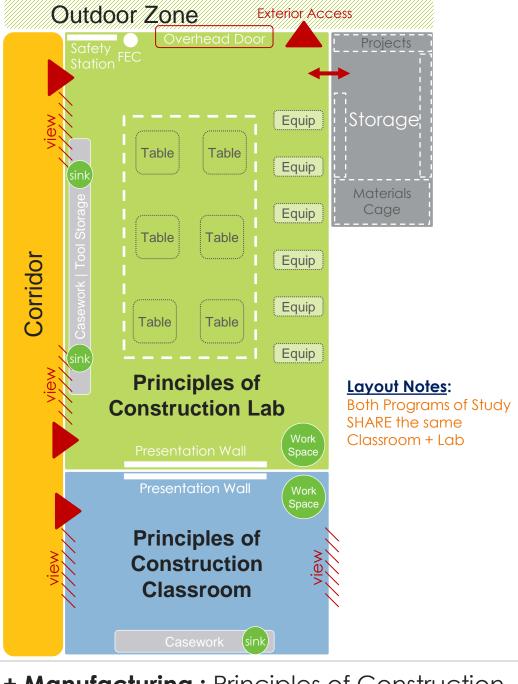
- (2) Sinks + (1) Safety Station
- (6) Overhead Power Reels
- (6) Worktables
- (26) Student Stools
- Hand Tools (in cabinets)
- Enhanced PA System
- Fixed Tool Workstations
- **Dust Collection System**
- Teacher Desk + Chair
- Ovhd Door / Outdoor Access

Classroom / Lab



Lab w/ Outdoor Access





SBISD SPACE TYPE QUANTITY PER HOME CAMPUS

Home Campus

Career	Programs of Study	MHS Qty / Space Type	NBHS Qty / Space Type	SWHS Qty / Space Type	SHS Qty / Space Type
	Cybersecurity	1 Cybersecurity Lab	1 Cybersecurity Lab	1 Cybersecurity Lab	1 Cybersecurity Lab
13	Programming & Software Development	1 Programming Labs	1 Programming Lab	1 Programming Lab	1 Programming Lab
Engineering		2017 Bond = (2 Eng Labs)	1 Eng Lab (w/ 1 Robotics)	2 Engineering Labs	2 Engineering Labs

Science, Technology, Engineering & Math

30 Student Capacity

Cybersecurity	1,300 SF
• (1) Computer Lab	1,200 SF
• (1) Network Display Area	100 SF

Programming + Software Dev. 1,200 SF(1) Computer Lab 1,200 SF

Engineering Lab (1) Computer Lab (1) Storage Room Note: SWHS + SHS = 2 Engineering Clrm/Labs

Shared STEM Lab (Robotics)1,200 SF(1) Shared STEM Lab1,200 SF



EquipmentCybersecurity

- (28-30) Desktop Computers
- (4-6) Collaboration Tables
- (30) Student Chairs
- (1) Display Network Server

Prog + SW Development

- (28-30) Desktop Computers
- (4-6) Collaboration Tables
- (30) Student Charis

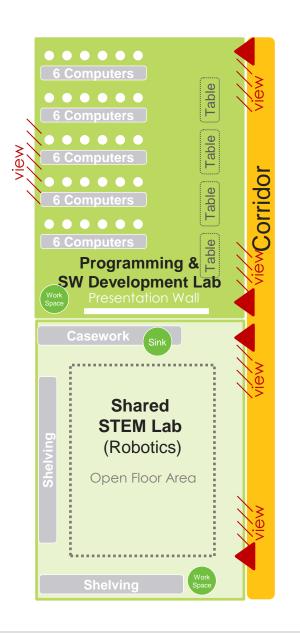
Engineering

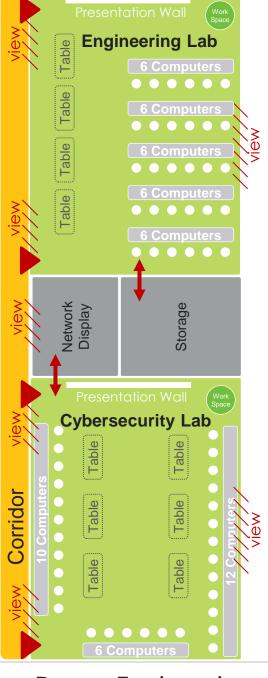
- (28-30) Desktop Computers
- (4-6) Collaboration Tables
- (30) Student Chairs

Shared STEM Lan

- Casework Cabinets w/ 1 Sink
- · Shelving at Perimeter Walls







Topic 2

SBISD CTE Ed Specifications: "Central Facility" Space Types



SBISD SPACE TYPE QUANTITY PER HOME CAMPUS

Home →	Centra
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Career	SBISD Programs of Study	Home	C Central	SBISD CTE Program / Description
8	Health Science Health Care Practitioner	н	С	Health Science - Medical Terminology, Basic Skills Health Care Practitioner - Research, Patient Care, Medical Terminolgy Simulation Lab (Clinical Rotations at Local Health Care Facility)

1,350 SF

1,200 SF

150 SF

Health Science

26 Student Capacity

Healthcare Practitioner

- (1) H. Science Clrm/Lab
- (1) Storage Room

Equipment

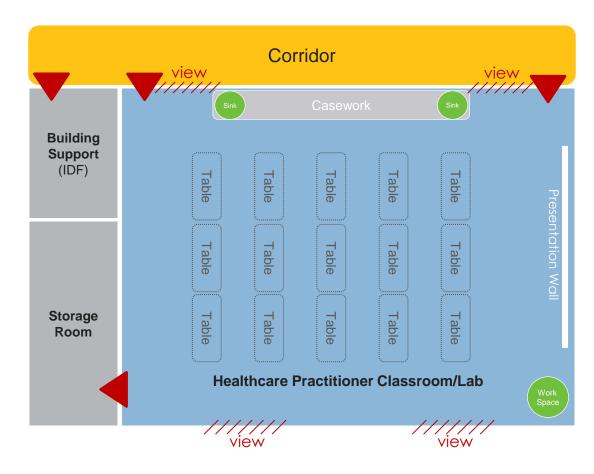
- Casework Cabinets w/2 Sinks
- (15) Student Tables
- (30) Student Chairs
- Teacher Desk + Chair

Health Science Classroom/Lab









Home → Central

Health Science

26 Student Capacity

Shared Health Science Spaces 5,200 SF

- (2) H. Science Classroom 2,400 SF
- (2) H. Science Storage Room 400 SF
- (1) H. Science Computer Lab 1,200 SF
- (1) H. Science Simulation Lab 1,200 SF

Equipment

Health Science Classroom

- (16) Student Tables
- (32) Student Chairs
- Casework Cabinets w/2 Sinks
- Teacher Desk + Chair

Health Science Computer Lab

- (28-30) Desktop Computers
- (4-6) Collaboration Tables
- (30) Student Chairs
- Teacher Desk + Chair

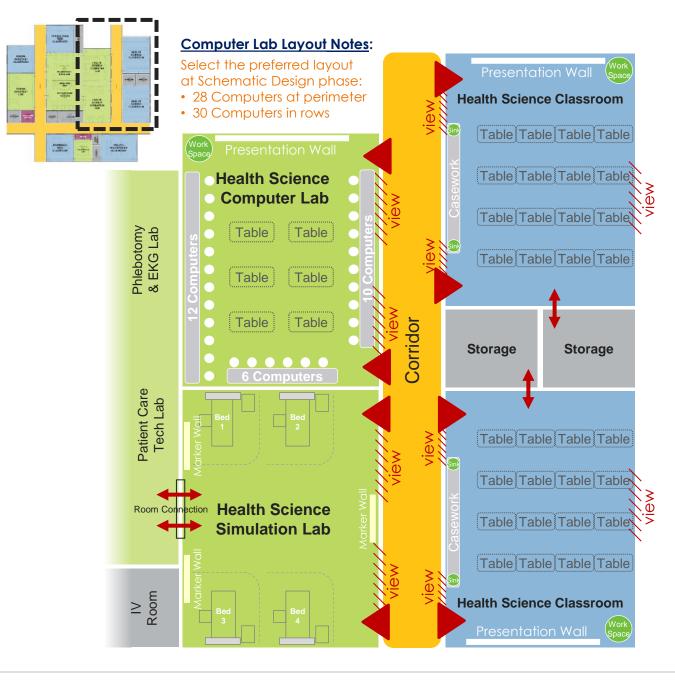
Health Science Simulation Lab

- (4) Patient Beds
- (4) Privacy Curtains
- (4) Mobile Training Headwall
- (4) IV Stands
- (4) Simulation Patients
- (4) Rolling Stools

Health Science Simulation Lab Examples







SBISD SPACE TYPE QUANTITY - CENTRAL CAMPUS

(New) Central

Career	SBISD Programs of Study	Home	C Central		OCTE Program / Description
8	12 Patient Care Technician (New)	-	С	Patient Care Technician - New Program	Certification: EKG, Phlebotomy Tech & PCT

Health Science

26 Student Capacity

Patient Care Technician	4,200 S
• (1) Patient Care Tech Clrm	900 S
• (1) Phlebotomy + EKG Lab	1,200 S
 (1) Patient Care Tech Lab 	1,200 S
 (1) Sim Toilet/Shower Rm 	100 S
• (1) Storage Room	300 S
• (1) IV Prep Room	150 S
• (1) IV Room	350 S

Equipment

Health Science Classroom

- (12) Student Tables
- (24) Student Chairs
- Casework Cabinets w/2 Sinks
- Teacher Desk + Chair

Phlebotomy + EKG Lab

- (6-8) Phlebotomy Chairs
- (6-8) Exam Tables
- (12-16) Rolling Stools

Patient Care Technician Lab

- (4-6) Patient Beds
- (4-6) Rolling Stools
- (1) Sim. Toilet/Shower Room
- (2) Simulation Patients

Exam Tables



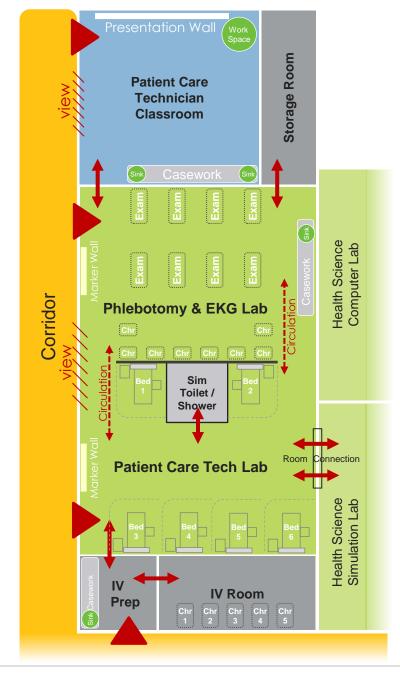
Simulation Spaces

350 SF



Classroom







SBISD SPACE TYPE QUANTITY - CENTRAL CAMPUS

(New) **Central**

Career	SBISD Programs of Study	Home	C Central		CTE Program / Description
8	13 Dental Assistant (New)	-	С	Dental Assistant - New Program	Certification: Registered Dental Assistant

Health Science

26 Student Capacity

Dental Assistant

- (1) Dental Assistant Classroom 900 SF
- (1) Reception | Waiting 200 SF • (1) Dental Assistant Lab 1,200 SF
- (1) Storage Room

2,500 SF

200 SF

Dental Assistant Lab

• Teacher Desk + Chair

Equipment

• (1) Reception Desk + Chair

Dental Assistant Classroom • (15) Student Tables • (30) Student Chairs

• Casework Cabinets w/2 Sinks

- (4) Chairs + Coffee Table
- (4) Dental Exam Chairs Water + Vacuum Dental Light
- (1) Cabinet w/ 2 Sinks
- (1) Cabinet w/ 1 Sink
- (2) Countertop Sterilizer

Dental Lab

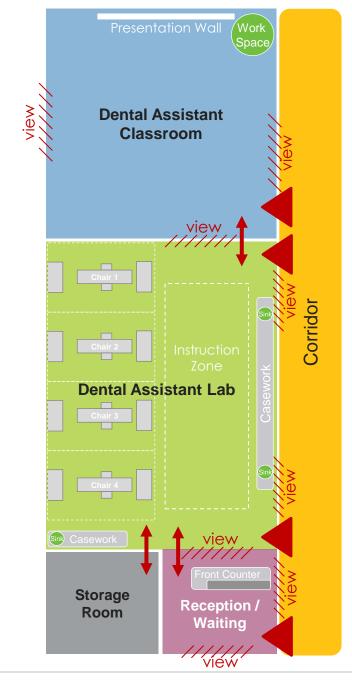














SBISD SPACE TYPE QUANTITY - CENTRAL CAMPUS (Enhanced) Central

Career	SBISD Programs of Study	Home	C Central	SBISD CTE Program / Description
8	14 Pharmacy Technician	-	С	Pharmacy Technician - Pharmacy Law and Commonly used Pharmaceutical Products Practical Skills required to gain Certification Certification: Pharmacy Technician

Health Science

26 Student Capacity

Pharmacy Technician

1,500 SF 900 SF • (1) Pharmacy Tech Classroom

• (1) Retail Storefront

100 SF

• (1) Ph Tech Dispensary Lab

500 SF

Pharmacy Tech Lab

Equipment

- Storefront Mock-up
- Dispensary Equipment

• Teacher Desk + Chair

· Compounding Equipment

Pharmacy Tech Classroom

Casework Cabinets w/2 Sinks

• (15) Student Tables • (30) Student Chairs

- Shelving
- Casework Cabinets w/2 Sinks

IV Prep + IV Room

- Casework Cabinets w/1 Sink
- (5) IV Stations

Pharmacy Technician





Patient Care Tech Lab **IV Room IV Prep** Corridor view view /////// **Retail Storefront Pharmacy Tech Classroom Dispensary** Lab Display Shelving

SBISD SPACE TYPE QUANTITY - CENTRAL CAMPUS (Enhanced) Central

Career	SBISD Programs of Study	Home	C Central	SBISD CTE Program / Description
12	17 Law Enforcement	-	С	Law + Criminal Justice - Law Enforcement (Police Officer, Probation Officer) Criminal Justice (Forensic Scientist, Crime Scene Investgator)

Law, P. Safety, Corrections & Security

26 Student Capacity (2 Classes)

La	6,200 SF	
•	(2) L. Enforcement Clrm/Lab	2,800 SF
•	(1) Prep + Storage Rm	400 SF
•	(1) Law Enforcement Lab	1,400 SF
•	(1) Simulator Room	900 SF
•	(1) Interrogation Room	250 SF
•	(1) Prop Storage Room	250 SF
•	(1) Equipment Storage Room	200 SF

Equipment

Law Enforcement Clrm/Lab

- (12) Student Science Tables
- (36) Student Chairs
- (1) Demonstration Table
- Casework w/ 2 sinks
- Teacher Desk + Chair

Law Enforcement Lab

• Crime Scene Props

Simulator Room

Crime Scene Simulator

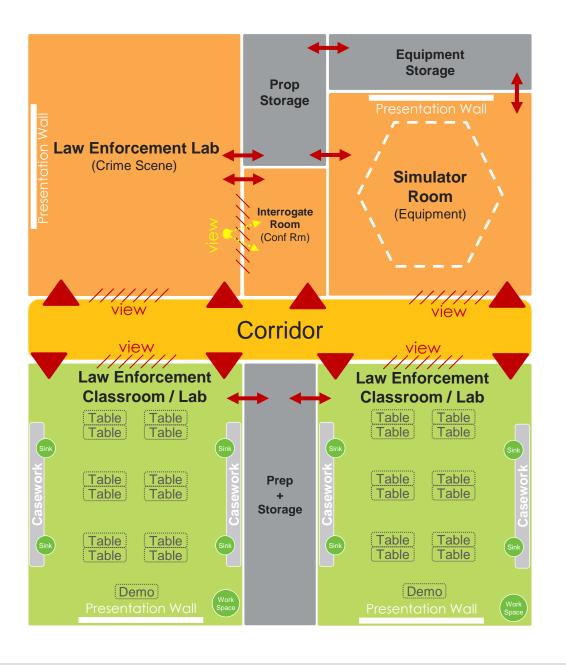
Interrogate Room

- Small Conf Table
- (6) chairs
- One-way glass window

Crime Scene Simulator







SBISD SPACE TYPE QUANTITY – CENTRAL CAMPUS

H C
Home Central

SBISD CTE Program / Description

tive Technician -New Program

2,700 SF

Automotive Tech 13,000 SF

26 Student Capacity (3 Sections)

Enterprise		200 21
•	Enterprise Entry RR	350 SF
•	Office	150 SF

St	udent Classroom/Lab	9,800 SF
•	(2) Open Classroom	1,600 SF
•	(1) Fixed Station Lab	800 SF
•	(1) Mechanics Tech Lab	7000 SF
•	(2) Machine Shop Zone	400 SF

Support Spaces

Outdoor Service Yard

(2) Locker/Changing
(1) Parts + Tools Storage
Internal Circulation
1,000 SF

Equipment Enterprise

- Cashier | POS station
- Office + Restroom

Student Classroom / Lab

Typical Classroom Furniture

(New) Central

- (6) Auto Lifts
- (1) Bus Lift
- Tire Rotation + Diag. Equip
- Overhead Power, Air Water
- Tool Carts w/ Drawers
- Hand + Power Tools

Support Spaces

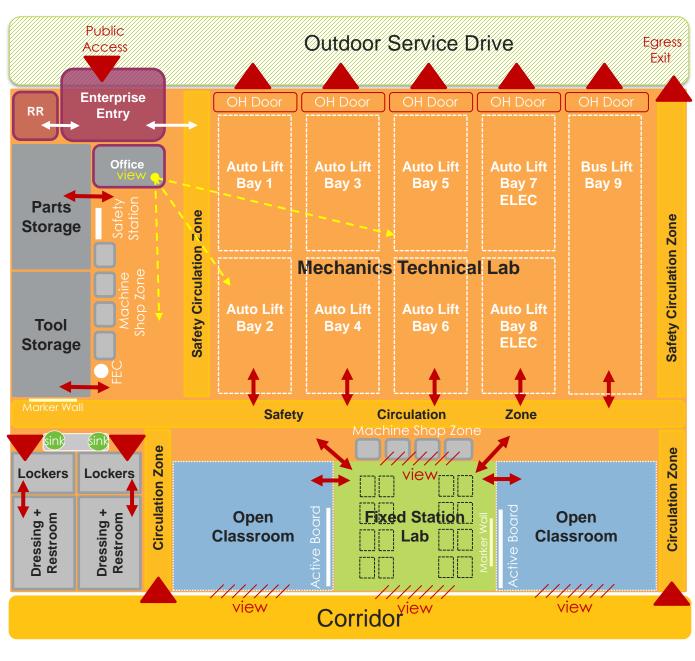
- Student Lockers
- Office Furniture
- Storage Shelving

Auto Tech Classroom / Lab



Auto Mechanics Technical Lab







Questions?

CAREER & TECHNICAL EDUCATION

CTE Educational Specifications

Spring Branch ISD CTE Facilities Assessment

Presentation to SBISD at April Board Retreat

April 9, 2021







Presentation Topics

1. Introduction | Overview

Project Team Members
Secondary Campus Locations
Project Objective
Project Schedule

2. CTE Assessment | Elements

Assessment Filters
Assessment Process
Cost Analysis
Assessment Report

3. CTE Assessment | Status Update

CTE Assessment Campus Walk

CTE Assessment Template

CTE Benchmark + Key Findings + Tier Strategy

- Home Campus: Middle School

- Home Campus: High School

- Central Campus: Guthrie

4. CTE Assessment | Next Steps

Complete Analysis Documentation Develop Cost Analysis for Strategies

Topic 1

SBISD CTE Facilities Assessment: Introduction | Overview

PROJECT TEAM MEMBERS



SBISD Stakeholders

- CTE Leadership (Lance S, Christina R-I, Angie R, Nicole H)
- Campus Principals

Home (7 MS, 4 HS, SBEC, WAIS)

Central (Guthrie, Ag Farm)

• SBISD Administration (Kristin C, Christina M, Travis S)

CTE Assessment Team: Consistency of Team is Important!

SBISD: CTE + Technology + P&C

CTE: Angie R, Nicole H + Christina R-I, CTE Coordinators

Technology: Troy N, Stephen J

Planning & Construction: Travis S, Max B, Marcelino P, Gerald M

Stantec Architects + Consultants

Architects: Jennifer H, Gin K-P, Denise R

Consultants: RGCI Engineering, True North Technology, Estimator

15 SECONDARY CAMPUS LOCATIONS

Home Campus Locations

7 Middle School Campuses

Landrum MS (Pilot)

Memorial MS

Northbrook MS

Spring Branch MS

Spring Forest MS

Spring Oaks MS

Spring Woods MS

2 Specialty MS/HS Campuses

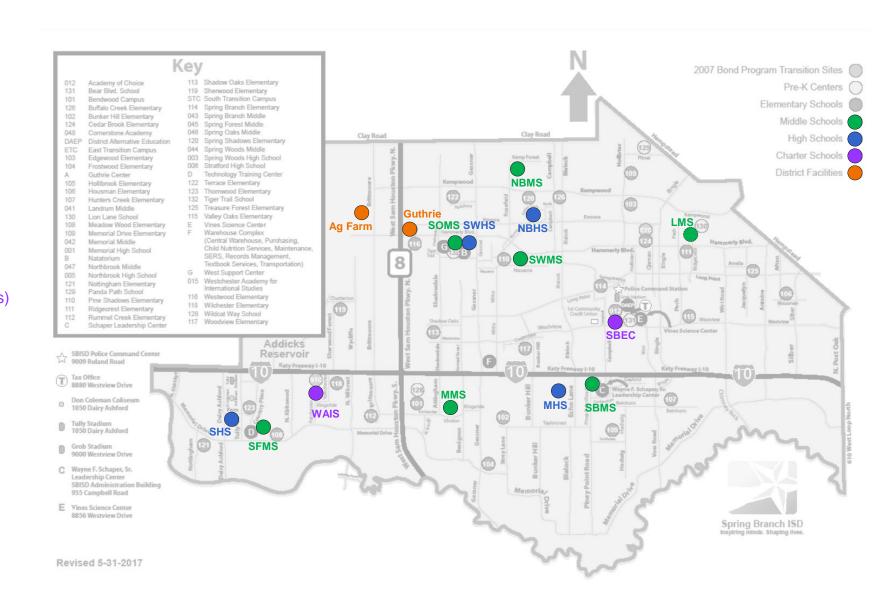
SBEC (Cornerstone, Academy of Choice)
WAIS (Westchester Academy of Int. Studies)

4 High School Campuses

Memorial HS Northbrook HS Spring Woods HS Stratford HS

Central Campus Locations

2 Central Campuses
Guthrie Center
Agricultural Farm



PROJECT OBJECTIVE



The CTE Facilities Assessment is the **NEXT STEP** in the planning process.

The team will use the two previous deliverables to help define the facility needs:

1. "2020 CTE Educational Specification"

Defines ideal physical environment in terms of quantity, functional relationships, and equipment at: **Secondary Campuses** (7 MS, 4 HS + SBEC, WAIS) and the **Central Campuses** (Guthrie Center, Ag Farm).

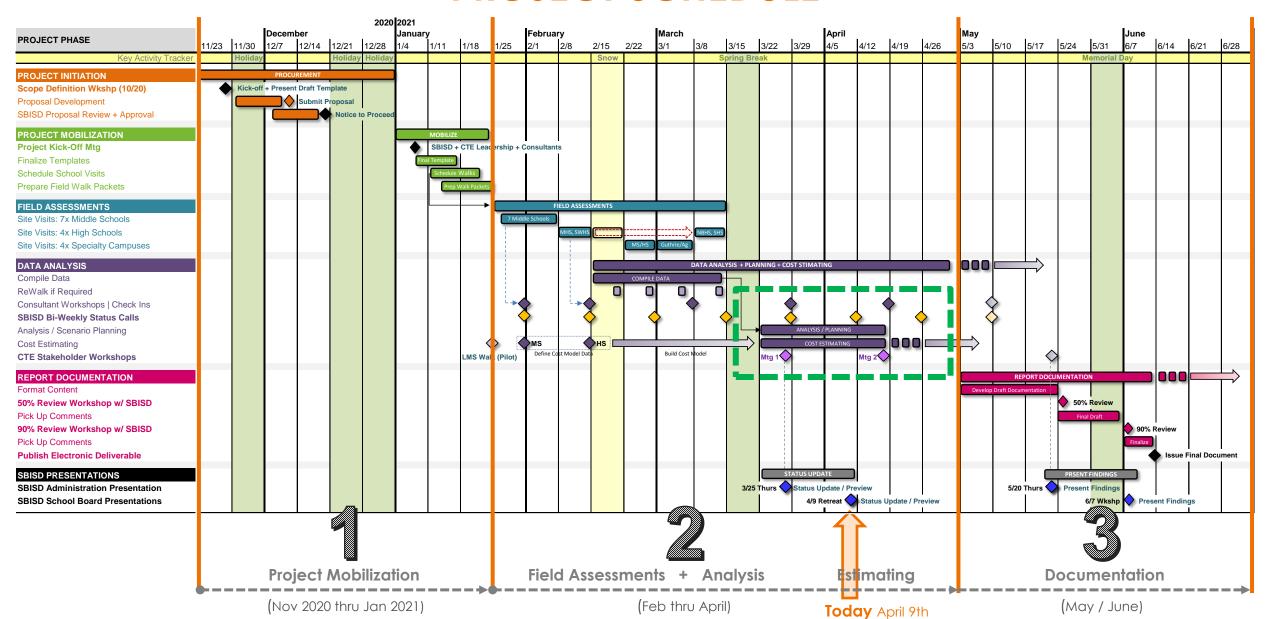
2. "2019 CTE Survey Assessment"

Documented the <u>current status</u> of the CTE spaces at each Secondary Campus + Central Campus, however, it <u>did not identify deficiencies</u>.

The <u>CTE Educational Specification</u> will be the <u>BENCHMARK TOOL</u> used to evaluate the CTE existing facility spaces against.

This will define deficiencies that need funding to bring the spaces up to the district standard.

PROJECT SCHEDULE



Topic 2

SBISD CTE Facilities Assessment: CTE Assessment | Elements

PHYSICAL SPACE | Assessment Filters

The CTE Facilities Assessment Team will evaluate the following PHYSICAL elements:

Room Configuration

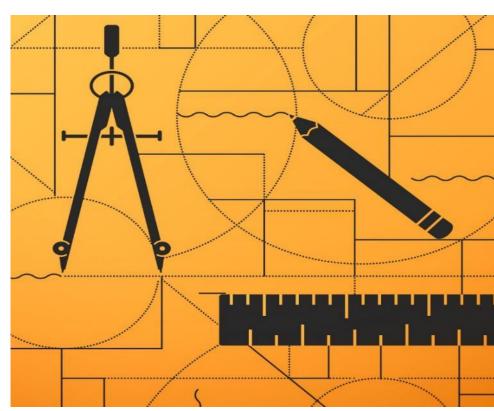
Square Footage – Horizontal Area Room Volume – Vertical Height Regulatory – Accessibility + Life Safety

Room Finishes

Floor – Concrete, Carpet, Vinyl Tile
Walls – CMU, Sheetrock
Ceiling – Acoustical Ceiling, Open to Structure
Openings – Doors, Windows (Interior, Exterior, Overhead)

Equipment

Casework – Cabinets, Shelving
Furniture – Desk, Table + Chair, Stool
Technology – Active Board, Computers
Acoustics – PA System + Noise Dampening Requirements
CTE Equipment – Specific to CTE Program
(Examples: Health Science Bed, Auto Tech Lift)



INFRASTRUCTURE SUPPORT | Assessment Filters

The CTE Facilities Team will evaluate the following <u>INFRASTRUCTURE</u> elements:

Mechanical

HVAC – Heating / Cooling **Equipment** – Exhaust / Ventilation

Electrical

Lighting – Overhead Lighting
 Power – Equipment, Convenience
 Data – Devices, Network
 Specialty – Above Typical Voltage (120v → 220v)

Plumbing

Equipment – Sinks, Toilets

Technology

Connectivity – Cabling, WiFi **Capacity** – Servers, Switches

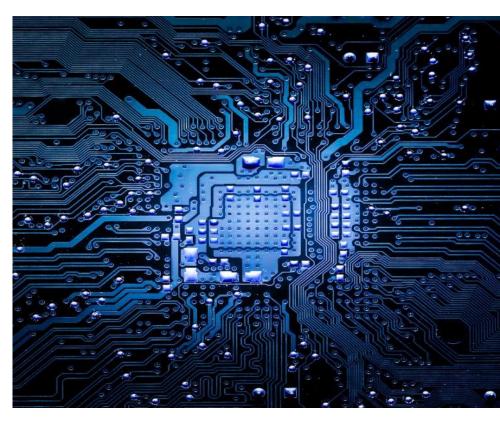


TECHNOLOGY | Assessment Filters

The CTE Facilities Assessment Team will evaluate the following TECHNOLOGY elements:

- Classroom Equipment
 Technology Active Board, Laptop Computers, etc.

 CTE Specific Equipment Pharm Tech, H. Science, etc.
- Low Intensity Lab Equipment
 Technology Active Board, Desktop Computers, etc.
 CTE Specific Equipment Robotics, Video Editing, etc.
- High Intensity Lab Equipment
 Technology Active Board, Computers, etc.
 CTE Specific Equipment Welder, Auto Lift, Cosmo, etc.



EDUCATIONAL ALIGNMENT | Assessment Filters

The CTE Facilities Assessment Team will evaluate the following <u>EDUCATIONAL</u> elements:

Functional Space Layout

Does the shape and layout of the space support the educational program objectives?

Functional Relationship

Does the space have desired connection to:

- Other spaces (indoor, outdoor)?
- Other CTE programs (career cluster)?

CTE Equipment

Does the space have the desired equipment to support the CTE program of study?





ASSESSMENT PROCESS

- Meet on Campus with Principal + Campus CTE Leadership
- Escorted Campus Field Walks
 SBISD Team: P&C + CTE + Technology Services
 A/E Team: Stantec + Consultants
- Document Current Conditions:
 - Field Survey Assessment Template
 - Photo Documentation
 - Field Measurements
- Assess Space against Benchmark Tools:
 - 2020 SBISD CTE Ed Specifications
 - 2019 SBISD CTE Survey Assessment
- Engage Third Party Cost Estimating
- Make Recommendations for Priority Focus of Expenditures (Campus + District)

COST ANALYSIS

The CTE Facilities Assessment Cost Analysis will include the following PROJECT COST components:

Estimated Hard Costs

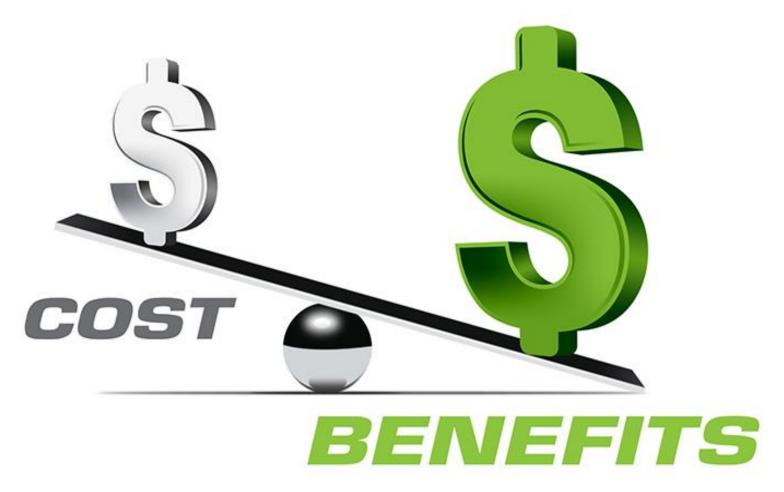
Demolition Costs Renovation Costs Equipment Costs Contingency Allocation

Estimated Soft Costs

Professional Services Fees Permits, Regulatory Review Furniture & Equipment Contingency Allocation Technology Capacity

Estimated Future Cost Projection

Current Cost – Year 2021 Escalation Rate - ??% per year over 5 Years





POOR

ASSESSMENT REPORT

The CTE Facilities Assessment Report will include the following <u>DOCUMENTATION</u> components:

- Physical Space Documentation
 Pictures Classroom, Lab & Support Spaces
 Descriptions Floor, Ceiling, Casework, etc.
 Dimension Diagrams as needed
- Evaluation Report Card
 Space Type Quantity, Functional Layout
 Equipment Classroom & Lab Spaces
 Infrastructure Electrical, Technology
- Cost Analysis
 Upgrades Renovation Scope Intent*
 Current Cost Estimated: Year 2021
 Future Cost Estimated: 5-year Projection
 - Priority Recommendations
 Minor Scope Quicker to Accomplish
 vs (Low Impact / Quick Benefit)
 Major Scope Requires More Design/Effort
 Tier System Offers stepped entions per semple
 - **Tier System** Offers stepped options per campus

* Design Solution + Documents to follow closer to <u>actual project</u> start

Topic 3

SBISD CTE Facilities Assessment: CTE Assessment | Status Update

CTE ASSESSMENT | FIELD ASSESSMENT - CAMPUS WALKS

Escorted Walk = Physical Observation & Documentation of Each CTE Room / Space Type

 $(MS = \frac{1}{2} \text{ day}) + (SBEC, WAIS = \frac{1}{2} \text{ day}) + (HS = \frac{3}{4} \text{ day}) + (Guthrie = 2 \text{ days}) + (Ag = \frac{3}{4} \text{ day})$

Meeting w/ Campus Principal

(Approximately 30 minutes)

Introductions

- Campus Principal / Asst. Principal
- SBISD CTE, Technology, P&C Team
- Stantec Team

Project Overview

- 2018 CTE Task Force/Working Group
- 2019 CTE Facility Survey
- 2020 CTE Ed Specifications

Verify Prep Work Assumptions

- Review Floor Plan CTE Spaces
- Confirm Space Types / Use
- Identify Missing / Available Space
- Review CTE Ed Spec Space Types
- Establish Campus Walk Path

Outline Campus Walk to Each Room

- Confirm CTE Evaluation Criteria
- Physical Observation of Space
- Key Photos/Diagrams of Space

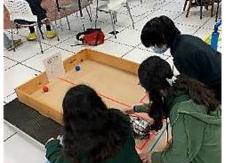
















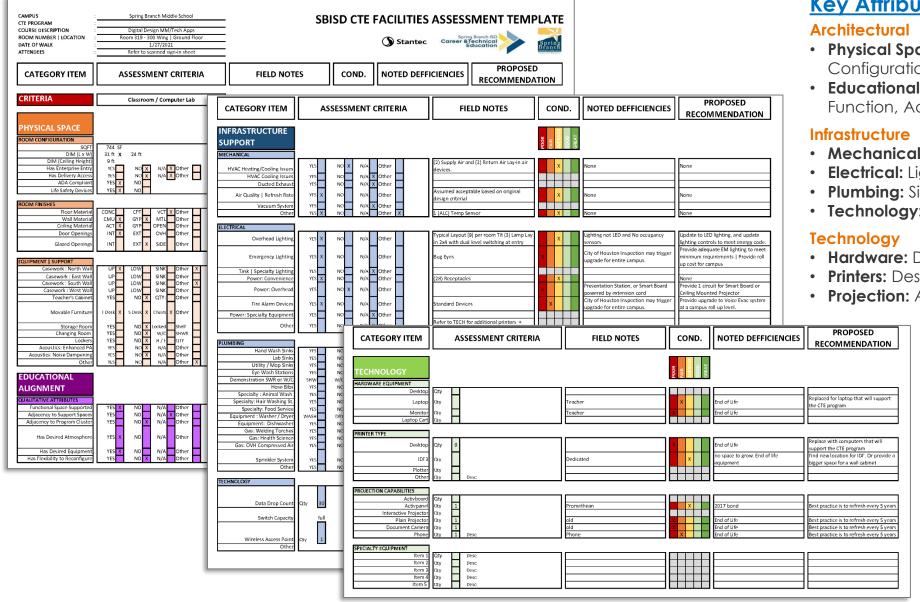








CTE ASSESSMENT | FIELD ASSESSMENT – SAMPLE TEMPLATE



Key Attributes:

- Physical Space Configuration, Finishes, Equipment, Support
- Educational Alignment Function, Adjacencies, Atmosphere, Flexibility
- Mechanical: Equipment, Air Quality
- Electrical: Lighting, Power, Equipment
- Plumbing: Sinks, Eye Wash, Equipment, Gas
- **Technology:** Data Drop, WAPs, Switches
- Hardware: Desktop, Laptop, Monitor, Carts
- Printers: Desktop, Plotter, Other
- Projection: Activboard, Activpanel, Projector

CTE ASSESSMENT | FIELD ASSESSMENT - SAMPLE PHOTOS

Assessment Walk Focus / Photos

Function / Space Type

- General Instruction Classroom
- Classroom / Computer Lab
- Medium Intensity Lab
- High Intensity Lab
- Support Rooms

Room Features

- Shape / Layout
- Room Finishes
- Casework / Shelving
- Student Furniture
- Student Equipment

MEP/T Infrastructure Support

- Mechanical HVAC, Exhaust
- Electrical Lighting, Power, Data
- Electrical Specialty Equipment
- Plumbing Sinks, Gas
- Technology Equipment
- Technology Connectivity

Regulatory "Triggers"

- Accessibility
- Life Safety
- Fire Sprinkler + Alarm
- Egress Function, Lighting



















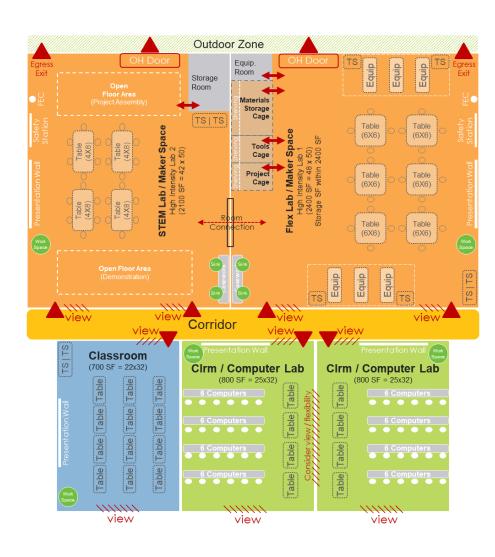






Status Update: Home Campus | Middle School

CTE Home Campus | Middle School BENCHMARK: CTE Educational Specification



Space Requirements Summary:

(4 Space Types, 5 Spaces):

- 2,400 SF FLEX Lab / Maker Space (High Intensity)
 Classroom/Lab + Equip Rm + Storage Cages
- 2,100 SF STEM Lab / Maker Space (Medium Intensity)
 Classroom/Lab + Storage Room
- 3 1,600 SF CTE Classroom / Computer Lab
 - (1) Info Tech + STEM
 - (1) Arts, A/V Tech & Comm + Bus, Mktg & Finance
- 700 SF CTE Shared Classroom
 (1) General Instruction (Shared)

KEY FINDINGS | CTE ED SPEC ALIGNMENT (MS)

Room Evaluation Legend

- Space SERVING as Shared Classroom
- Space SERVING as Clrm / Cmpt Lab
- Space SERVING as Med or High Intensity Lab
- Space EVALUATED as <u>potential</u> room use

 Differentiated by column designation



- 1-story = Spaces spread out across campus
- 2-story = Spaces on separate floors

Educational Adequacy Criteria NOT met

- **SF Criteria** not met (some ≥ 15% undersized)
- Not Appropriate Space
 (MMS) STEM class located in Science Room

Renovations will likely "Trigger" Regulatory Upgrades

Life Safety

- Fire Sprinkler
- Fire Alarm Audible Evacuation
- Egress Lighting Outdoor

Regulatory / Code

- Accessibility (Accessible Route, Space)
- MEP Indoor Air Quality

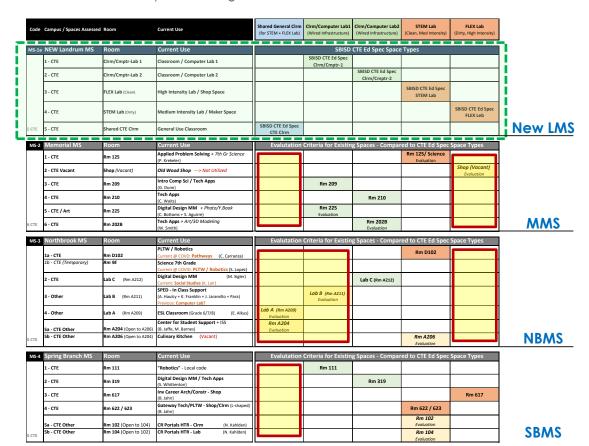
									(MMS) S
Code	Campus / Spaces Assessed	Room	Current Use	Shared General Cirm (for STEM + FLEX Lab)	(Wired Infrastructure)	(Wired Infrastructure)	STEM Lab (Clean, Med Intensity)	FLEX Lab (Dirty, High Intensity)	,
ИS-1а	NEW Landrum MS	Room	Current Use		SBISD	CTE Ed Spec Space	Types		
	1 - CTE	Clrm/Cmptr-Lab 1	Classroom / Computer Lab 1		SBISD CTE Ed Spec Clrm/Cmptr-1				
	2 - CTE	Cirm/Cmptr-Lab 2	Classroom / Computer Lab 2		Cirilly Cilipu-1	SBISD CTE Ed Spec Clrm/Cmptr-2			
	3 - CTE	FLEX Lab (Clean)	High Intensity Lab / Shop Space			Cimyempu-2	SBISD CTE Ed Spec STEM Lab		
	4 - CTE	STEM Lab (Dirty)	Medium Intensity Lab / Maker Space					SBISD CTE Ed Spec FLEX Leb	
CTE	5 - CTE	Shared CTE Clrm	General Use Classroom	SBISD CTE Ed Spec CTE Clrm					New LMS
MS-2	Memorial MS	Room	Current Use	Evalutation	Criteria for Existin	ıg Spaces - Compar	ed to CTE Ed Spec	Space Types	
	1 - CTE	Rm 125	Applied Problem Solving + 7th Gr Science (P. Krekeler)				Rm 125/ Science Evaluation		
	2 - CTE Vacant	Shop (Vacant)	Old Wood Shop> Not Utilized				Evaluation	Shop (Vacant) Evaluation	
	3 - CTE	Rm 209	Intro Comp Sci / Tech Apps (G. Dunn)		Rm 209			Lydiddion	
	4 - CTE	Rm 210	Tech Apps (C. Waits)			Rm 210			
	5 - CTE / Art	Rm 225	Digital Design MM + Photo/Y.Book (C. Bottoms + S. Aguirre)		Rm 225 Evaluation				
CTE	6 - CTE	Rm 202B	Tech Apps + Art/3D Modeling (W. Smith)			Rm 202B Evaluation			MMS
MS-3	Northbrook MS	Room	Current Use	Evalutation	Criteria for Existin	ig Spaces - Compar	ed to CTE Ed Spec	Space Types	
	1a - CTE	Rm D102	PLTW / Robotics Current @ COVD: Pathways (C. Carranza)				Rm D102		
	1b - CTE (Temporary)	Rm 9E	Science 7th Grade						
	2 - CTE	Lab C (Rm A212)	Current @ COVID: PLTW / Robotics (S. Lopez) Digital Design MM (M. Sigler) Current: Social Studies (K. Lair)			Lab C (Rm A212)			
	3 - Other	Lab B (Rm A211)	SPED - In Class Support (A. Haulcy + K. Franklin + J. Jaramillo + Para) Previous: Computer Lab?		Lab B (Rm A211) Evaluation				
	4 - Other	Lab A (Rm A209)	ESL Classroom (Grade 6/7/8) (E. Alkus)	Lab A (Rm A209) Evaluation					
	5a - CTE Other	Rm A204 (Open to A206)	Center for Student Support + ISS (B. Jaffe, M. Barnes)	Rm A204 Evaluation					
CTE	5b - CTE Other	Rm A206 (Open to A204)	Culinary Kitchen (Vacant)				Rm A206 Evaluation		NBMS
MS-4	Spring Branch MS	Room	Current Use	Evalutation	Criteria for Existin	ıg Spaces - Compar	ed to CTE Ed Spec	Space Types	
	1 - CTE	Rm 111	"Robotics" - Local code		Rm 111				
	2 - CTE	Rm 319	Digital Design MM / Tech Apps (S. Whittenton)			Rm 319			
	3 - CTE	Rm 617	Inv Career Arch/Constr - Shop (B. Jahn)					Rm 617	
	4 - CTE	Rm 622 / 623	Gateway Tech/PLTW - Shop/Cirm (L-shaped) (B. Jahn)				Rm 622 / 623		
	Sa - CTE Other Sb - CTE Other	Rm 102 (Open to 104) Rm 104 (Open to 102)	CR Portals HTR - Cirm (N. Kahiden) CR Portals HTR - Lab (N. Kahiden)				Rm 102 Evaluation Rm 104		SBMS
CTE		,	, , , , , , , , , , , , , , , , , , ,				Evaluation		SDIAIS

Code	Campus / Spaces Assessed	Room	Current Use	Shared General CIrm (for STEM + FLEX Lab)	Clrm/Computer Lab1 (Wired Infrastructure)	Clrm/Computer Lab2 (Wired Infrastructure)	STEM Lab (Clean, Med Intensity)	FLEX Lab (Dirty, High Intensity)	
MS-5	Spring Forest MS	Room	Current Use	Evalutation	Criteria for Existin	g Spaces - Compar	ed to CTE Ed Spec	Space Types	
	1 - CTE	Rm 127-A	Principles of Manufacturing - LAB (S. Al Majm + J. Torres)					Rm 127-A	
	2 - CTE	Rm 127-B	Principles of Manufactuting - CLRM	Rm 127-B					
	3 - CTE	Rm B201	Digital Comm / Digital Design MM (E. Watkins)		Rm B201				
	4 - CTE	Rm C203	Adv. Problem Solving - Local credit (A. Campos)			Rm C203 Evaluation			
	5 - CTE	Rm B202	"Robotics" - Local code (A. Littlefield)				Rm B202 Evaluation		
	6a - CTE Other	Rm G205 (Not Connected)	CR Portals HTR - Cirm (H. Clary)	Rm G205 Evaluation					
CTE	6b - CTE Other	Rm H201 (Not COnnected)	CR Portals HTR - Lab (H. Clary)				Rm H201 Evaluation		SFMS
иs-6	Spring Oaks MS	Room	Current Use	Evalutation	Criteria for Existin	g Spaces - Compar	ed to CTE Ed Spec	Space Types	
	1 - CTE	Rm G131	CR Potals Manufacturing - LAB (J. Oekten)					Rm G131	
	2 - CTE	Rm B211	Digital Design MM / Tech Apps (B. Taylor)		Rm B211				
	3 - CTE	Rm A223	"Robotics" - After School + Math (7th Grade) (J. Moreno)	Rm A223					
		Des B103 (Culinana Class)	Host/Tour JH - Clrm (A. Witanek)				Rm B103 Evaluation		
	4a - CTE Other				1	1	Rm B103		SOMS
TE	4a - CTE Other 4b - CTE Other		Host/Tour JH - Lab (A. Witanek)				Evaluation		30//13
TE	4b - CTE Other			Evalutation	Criteria for Existin	g Spaces - Compar	Evaluation	Space Types	301113
	4b - CTE Other	Rm B103 (Culinary Lab)	Host/Tour JH - Lab (A. Witanek)	Evalutation	Criteria for Existin	g Spaces - Compar	Evaluation	Space Types	30/113
	4b - CTE Other Spring Woods MS	Rm B103 (Culinary Lab)	Host/Tour JH - Lab (A. Witanek) Current Use PITW / Robotics (J. Nosper) Prin Info Tech / Intro to Web (J. Pearce / Prof. Estrada)	Evalutation	Criteria for Existin	g Spaces - Compar	Evaluation red to CTE Ed Spec	Space Types	<u> </u>
	4b - CTE Other Spring Woods MS 1 - CTE	Rm B103 (Culinary Lab) Room Rm CL3	Host/Tour JH - Lab (A. Witanek) Current Use PLTW / Robotics (J. Hopper) Prin Info Tech / Intro to Web	Evalutation		g Spaces - Compar	Evaluation red to CTE Ed Spec	Space Types	<u> </u>

KEY FINDINGS | CTE ED SPEC ALIGNMENT (MS)

Room Evaluation Legend

- Space SERVING as Shared Classroom
- · Space SERVING as Clrm / Cmpt Lab
- Space SERVING as Med or High Intensity Lab
- Space EVALUATED as potential room use
 - Differentiated by column designation



All 5 CTE Spaces NOT present

- Exception = SFMS + New LMS (Benchmark)
- 2 MS = Missing FLEX Lab

MMS, NBMS

• 1 MS = Missing STEM Lab

SOMS

2 MS = Missing 1 CTE Clrm/Computer Lab

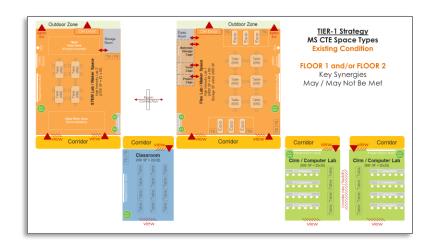
NBMS, SOMS

4 MS = Missing CTE Classroom

MMS, NBMS, SBMS, SWMS

Code	Campus / Spaces Assessed	l Room	Current Use	Shared General Clrm (for STEM + FLEX Lab)	Clrm/Computer Lab1 (Wired Infrastructure)	Clrm/Computer Lab2 (Wired Infrastructure)	STEM Lab (Clean, Med Intensity)	FLEX Lab (Dirty, High Intensity)	
	Spring Forest MS	Room	Current Use	Evalutation	Criteria for Existin	g Spaces - Compa	ed to CTE Ed Spec	Space Types	7
Г	1 - CTE	Rm 127-A	Principles of Manufacturing - LAB (S. Al Majm + J. Torres)					Rm 127-A	
	2 - CTE	Rm 127-B	Principles of Manufactuting - CLRM	Rm 127-B					•
	3 - CTE	Rm B201	Digital Comm / Digital Design MM (E. Watkins)		Rm B201				
	4 - CTE	Rm C203	Adv. Problem Solving - Local credit (A. Campos)			Rm C203 Evaluation			i
	5 - CTE	Rm B202	"Robotics" - Local code (A. Littlefield)				Rm B202 Evaluation		!
	6a - CTE Other	Rm G205 (Not Connected)	CR Portals HTR - Cirm (H. Clary)	Rm G205 Evaluation					
6 CTE	6b - CTE Other	Rm H201 (Not COnnected		Evaluation			Rm H201 Evaluation		SFMS
_									
MS-6	Spring Oaks MS	Room	Current Use	Evalutation	Criteria for Existin	g Spaces - Compa	ed to CTE Ed Spec	Space Types	
	1 - CTE	Rm G131	CR Potals Manufacturing - LAB (J. Oekten)					Rm G131	
	2 - CTE	Rm B211	Digital Design MM / Tech Apps (B. Taylor)		Rm B211				
	3 - CTE	Rm A223	"Robotics" - After School + Math (7th Grade) (J. Moreno)	Rm A223					
	4a - CTE Other	Rm B103 (Culinary Clrm)	Host/Tour JH - Clrm (A. Witanek)				Rm B103 Evaluation		
4 CTE	4b - CTE Other	Rm B103 (Culinary Lab)	Host/Tour JH - Lab (A. Witanek)				Rm B103		SOMS
MS-7	Spring Woods MS	Room	Current Use	Evalutation	Criteria for Existin	g Spaces - Compa	ed to CTE Ed Spec	Space Types	
	1 - CTE	Rm CL3	PLTW / Robotics (J. Hopper)				Rm CL3		
	2 - CTE	Rm CL2	Prin Info Tech / Intro to Web (J. Pearce / Prof. Estrada)		Rm CL2				
	3 - CTE Other	Rm 303	Host/Tour JH (Inv. Culinary Arts) (J. Peterson)				Rm 303 Evaluation		
4 CTE	4 - CTE Alt Use	Rm 930	Parent/Mentor Room (Previous Shop) (D. Cabrera)					Rm 930 Evaluation	SWMS

KEY FINDINGS | RENOVATION - TIER STRATEGY (MS)



TIER 1 "IN PLACE, AS IS" RENOVATE EXISTING CTE SPACES

CTE Ed Spec | 5 CTE Spaces + SF Criteria

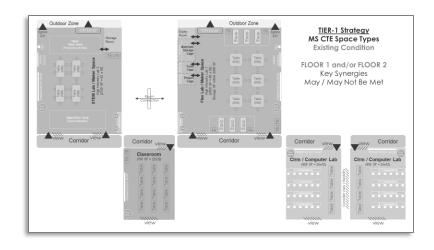
- Typical = NOT all 5 CTE Spaces on Campus
- CTE Rooms are Typically Undersized
- SF ≤ 15% of Criteria = Trigger Change

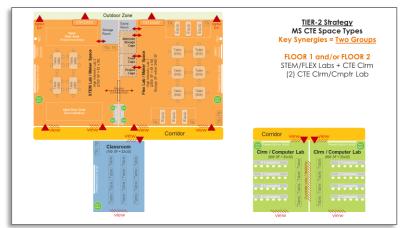
CTE Ed Spec | Adjacency Criteria

- Typical = NOT all 5 CTE Spaces together
- 1-story Bldg. = CTE Spaces Spread out
- 2-story Bldg. = CTE Spaces Not on same floor



KEY FINDINGS | RENOVATION - TIER STRATEGY (MS)





TIER 1 "IN PLACE, AS IS"

RENOVATE EXISTING CTE SPACES

CTE Ed Spec | 5 CTE Spaces + SF Criteria

- Typical = NOT all 5 CTE Spaces on Campus
- CTE Rooms are Typically Undersized
- SF ≤ 15% of Criteria = Trigger Change

CTE Ed Spec | Adjacency Criteria

- Typical = NOT all 5 CTE Spaces together
- 1-story Bldg. = CTE Spaces Spread out
- 2-story Bldg. = CTE Spaces Not on same floor

TIER 2 "MISSING+IMPROVE ADJACENCIES"

RENOVATE / ADD CTE SPACES

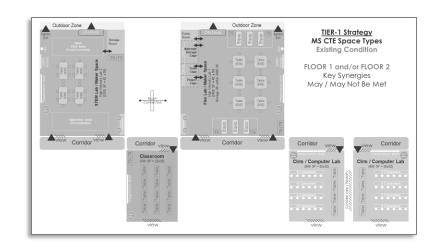
CTE Ed Spec | 5 CTE Spaces + SF Criteria

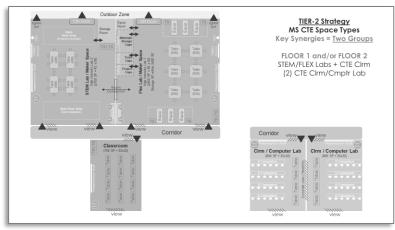
- ADD MISSING CTE spaces at correct SF
- EXISTING CTE spaces = Renovate "AS IS"
- SF ≤ 15% of Criteria = Trigger Change

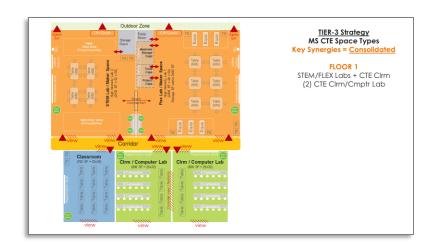
CTE Ed Spec | Adjacency Criteria (Improve)

- Group 1 = FLEX + STEM Lab + CTE Classroom
- Group 2 = (2) Classroom/Computer Labs

KEY FINDINGS | RENOVATION - TIER STRATEGY (MS)







TIER 1 "IN PLACE, AS IS"

RENOVATE EXISTING CTE SPACES

CTE Ed Spec | 5 CTE Spaces + SF Criteria

- Typical = NOT all 5 CTE Spaces on Campus
- CTE Rooms are Typically Undersized
- SF ≤ 15% of Criteria = Trigger Change

CTE Ed Spec | Adjacency Criteria

- Typical = NOT all 5 CTE Spaces together
- 1-story Bldg. = CTE Spaces Spread out
- 2-story Bldg. = CTE Spaces Not on same floor

TIER 2 "MISSING+IMPROVE ADJACENCIES"

RENOVATE / ADD CTE SPACES

CTE Ed Spec | 5 CTE Spaces + SF Criteria

- ADD MISSING CTE spaces at correct SF
- EXISTING CTE spaces = Renovate "AS IS"
- SF ≤ 15% of Criteria = Trigger Change

CTE Ed Spec | Adjacency Criteria (Improve)

- Group 1 = FLEX + STEM Lab + CTE Classroom
- Group 2 = (2) Classroom/Computer Labs

TIER 3 "MEET CTE ED SPECIFICATIONS"

RENOVATE / ADD CTE SPACES

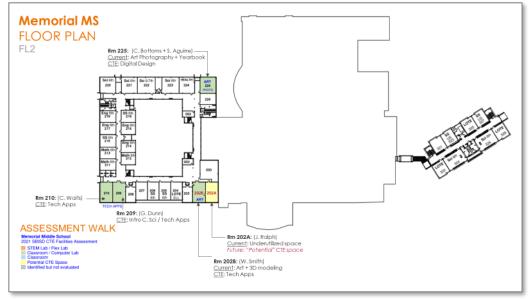
CTE Ed Spec | 5 CTE Spaces + SF Criteria

- ADD MISSING CTE spaces at correct SF
- EXISTING CTE Spaces = RENOVATE or BUILD at correct SF (including Support Spaces)

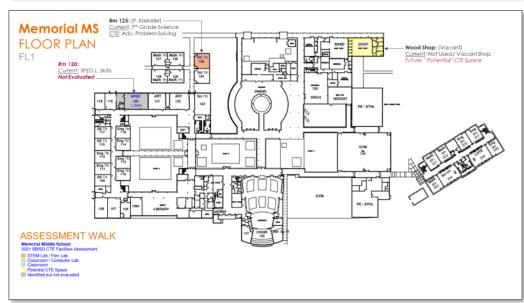
CTE Ed Spec | Adjacency Criteria

Consolidate Entire Group on Floor 1

TIER 1 STRATEGY | MIDDLE SCHOOL (Memorial MS)



Missing 1
CTE Spaces
+
Extra 2
CTE Spaces



TIER 1 "IN PLACE, AS IS" RENOVATE EXISTING CTE SPACES

CTE Spaces ON CAMPUS

- STEM Lab = Rm 125 | CTE class in Science Clrm (Shared) (SF 52% Undersized, Exceeds ≥ 15% threshold)
- 4 Clrm/Computer Labs | Exceeds 2 Clrm/Cmptr Criteria Rm 209 (SF exceeds CTE SF Criteria) Rm 210 (SF exceeds CTE SF Criteria) Rm 202B CTE class + Art 3D class (Shared) Rm 225 = CTE class in Art Photo/Yearbook Clrm (Shared)

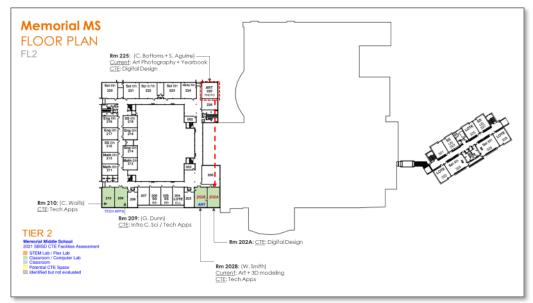
CTE Ed Spec | CTE Spaces MISSING

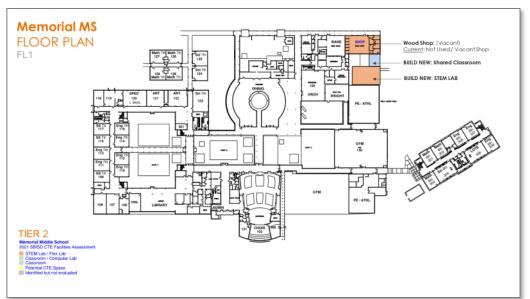
- FLEX Lab = Not on Campus
 Potential Vacant Wood Shop (SF Exceeds Criteria)
- CTE Classroom = Not on Campus

CTE Spaces SF + ADJACENCIES

- STEM / FLEX Labs + CTE Classroom
 MISSING FLEX Lab + CTE Classroom
 STEM Lab SF <u>UNDERSIZED</u> + Space <u>NOT APPROPRIATE</u>
- 4 Clrm/Computer Labs
 Rm 209 + Rm 210 ADJACENT to each other
 Rm 202B NEAR Rms 209/210 (same hall, opposite corner)
 Rm 225 NOT NEAR Rms 209/210 (opposite hall, corner)

TIER 2 STRATEGY | MIDDLE SCHOOL (Memorial MS)





TIER 2"MISSING + IMPROVE ADJACENCIES" RENOVATE / ADD CTE SPACES

EXISTING BUILDING: RENOVATIONS / MOVES

- FLEX Lab
 - RENOVATE: Vacant Shop for FLEX Lab.
- 4 Clrm/Computer Labs

Rm 209 STAY in place, Renovate as needed.

Rm 210 STAY in place, Renovate as needed.

Rm 202B STAY in place, Renovate as needed.

RENOVATE Rm 202A (underutilized) for CTE Classroom

+ MOVE CTE class from Rm 225 to Rm 202A.

NEW SPACE: BUILD / MODULAR BUILDING

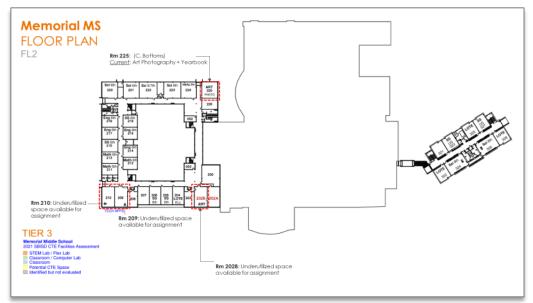
STEM Lab

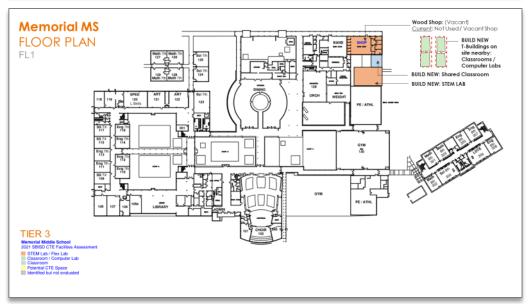
<u>NEW SPACE</u> required for STEM Lab at correct SF nearby to the FLEX Lab.

CTE Classroom

NEW SPACE required for STEM Lab at correct SF nearby to the FLEX and STEM Labs

TIER 3 STRATEGY | MIDDLE SCHOOL (Memorial MS)





TIER 3 "MEET CTE ED SPECIFICATIONS" RENOVATE / ADD CTE SPACES

EXISTING BUILDING: RENOVATIONS / MOVES

FLEX Lab
 RENOVATE: Vacant Shop for FLEX Lab.

NEW SPACE: BUILD / MODULAR BUILDING

STEM Lab

<u>NEW SPACE</u> required for STEM Lab at correct NSF nearby the FLEX Lab.

CTE Classroom

NEW SPACE required for STEM Lab at correct NSF nearby the FLEX Lab.

4 Clrm/Computer Labs

NEW SPACE nearby the FLEX / STEM Labs for:

- MOVE Rm 209 CTE class to new space.
- MOVE Rm 210 CTE class to new space.
- MOVE Rm 202B CTE class to new space.
- MOVE Rm 225 CTE class to new space.
- * AVAILABLE = 4 Vacated CIrms for MMS use.

ALTERNATE STRATEGY = All NEW SPACE, PENDING MASTER PLAN @ MS REPLACEMENT

Status Update: Home Campus | High School

CTE Home Campus | High School BENCHMARK: CTE Educational Specification

Assessment

- Function
 Space Type +
 Program of Study
- Organization
 Career Cluster +
 Program of Study

CC SBISD Program of Study **Home Campus** Index 2 **Architecture & Construction** 2.1 Principles of Construction (Shared Lab) 3* Manufacturing Principles of Construction (Shared Lab) Arts, Audio Visual Technology & Communcations 4 4.1 Design & Multimedia Arts (Tech Apps) 5 **Business, Marketing & Finance** Accounting & Financial Services 5.2 Business Mgmt & Entrepreneurship - NEW **Education & Training** 6 6.1 Teaching 8 **Health Science** Health Science Science, Technology, Engineering & Mathematics 13 13.1 Cybersecurity Programming & Software Devel. (Compt. Sci) 13.3 Engineering

Legend:

Home → Central Home Campus

Space Requirements Summary:

(Career Clusters / Program of Study)

3,800 SF Principles of Construction (Shared)
Classroom + Lab + Storage

1,300 SF Design & Multimedia Arts (Tech Apps)
Classroom/Lab + Storage

2,100 SF Business, Marketing & Finance
Classroom + Classroom/Lab

1,200 SF Education & Training
Classroom

1,300 SF Health Science
Classroom/Lab + Storage

Science, Technology, Engineering & Mathematics

1,300 SF Cybersecurity – Classroom/Lab + Network Area

1,200 SF Programming & SW Dev – Classroom/Lab

1,450 SF Engineering – Classroom/Lab + Storage

1,200 SF Shared Lab - Robotics / Maker Space

KEY FINDINGS | CTE ED SPEC ALIGNMENT (HS)

Room Evaluation Legend

- CTE Program Space ON Campus
- CTE Program Space PARTIAL on Campus
- CTE Program Space MISSING on Campus

Key Functional Adjacencies NOT met

- MHS = Red Wing isolated + Small rooms
- NBHS = H. Science + Education spaces not ideal Fire Sprinkler
- **SWHS** = Business + STEM not consolidated
- **SHS** = H. Science spaces not ideal

CTE Ed Spec

Educational Adequacy Criteria NOT met

- **SF Criteria** not met (some ≥ 15% undersized)
- Not Appropriate Space (NBHS) Education class located in Culinary Lab

Renovations will "trigger" Regulatory Upgrades Life Safety

- Fire Alarm Audible Evacuation
- Egress Lighting Outdoor

Regulatory / Code

Accessibility (Accessible Route, Space)

CTE Ed Spec

MEP Indoor Air Quality

Career Cluster	Programs of Study			
2	Architecture & Construction Principles of Construction			
3	Manufacturing Principles of Construction			
4	Design & Multimedia Arts Tech Apps			
5	Accounting & Financial Services Bus Mangement & Entrepreneurship			
6	Teaching			
8	Health Science			
	Cybersecurity			
13	Programming & SW Development			
	Engineering			

MHS	
CTE: Qty / Space Type	Comparison
1 P. Constr. Lab	MISSING
w/ 1 Clrm	WIISSING
Shared	Shared
w/ Arch & Construction	w/ Arch & Construction
1 Lab / Clrm	MISSING
3 Business Clrms	5 Business Clrms
4 Business Labs	3 Business Labs
1 Education Clrm	MISSING
2017 Bond	2017 Bond
(3 H.Sci Labs)	(3 H.Sci Labs)
1 Cybersecurity Lab	MISSING
1 Programming Labs	MISSING
2017 Bond	2017 Bond

CTE Ed Spec

NBHS	
CTE: Qty / Space Type	Comparison
1 P. Constr. Lab w/ 1 Cirm	1 P. Constr. Lab
Shared w/ Arch & Construction	Shared w/ Arch & Construction
1 Lab / Clrm	2 Lab / Clrm
1 Business Clrms 2 Business Labs	O Business Clrms 2 Business Labs
1 Education Clrm	2 Education Clrm
2 H. Science Labs	1 H. Science Lab
1 Cybersecurity Lab	MISSING
1 Programming Lab	MISSING
1 Eng Lab (w/ 1 Robotics)	MISSING

SWHS	
CTE: Qty / Space Type	Comparison
1 P. Constr. Lab w/ 1 Clrm	1 P. Constr. Lab w/ 1 Cirm
Shared w/ Arch & Construction	1 P. Constr. Lab w/ 1 Cirm
1 Lab / Clrm	1 Lab / Clrm
2 Business Clrms 2 Business Labs	2 Business Clrms 2 Business Labs
1 Education Clrm	1 Education Clrm
2 H. Science Labs	6 H. Science Labs
1 Cybersecurity Lab	1 Cybersecurity Lab
1 Programming Lab	MISSING
2 Engineering Labs	1 Engineering Lab

CTE Ed Spec

SHS	
CTE: Qty / Space Type	Comparison
P. Constr. Lab w/ 1 Clrm	MISSING
Shared w/ Arch & Construction	Shared w/ Arch & Construction
1 Lab / Clrm	MISSING
3 Business Clrms	O Business Clrms
3 Business Labs	6 Business Labs
1 Education Clrm	1 Education Clrm
3 H. Science Labs	2 H. Science Labs
1 Cybersecurity Lab	MISSING
1 Programming Lab	MISSING
2 Engineering Labs	1 Engineering Lab

KEY FINDINGS | CTE ED SPEC ALIGNMENT (HS)

NONE of the HS Campuses have all CTE Programs of Study

Arch/Construction + Manufacturing = Missing @ 2 HS Campuses (MHS, SHS)

= Missing @ 2 HS Campuses (MHS, SHS) Design & Multimedia Arts

Business, Mktg & Finance
 Education & Training
 Education & Training

Partial @ 3 HS Campuses (MHS, NBHS, SHS)
Missing @ 1 HS Campus (MHS)

CTE Ed Spec

 Health Science = Partial @ 3 HS Campuses (NBHS, SHS)

• Science, Tech, Engineering, Math = Missing @ 1 HS Campus (NBHS) | Partial @ 3 HS Campuses (MHS, SWHS, SHS)

Career Cluster	Programs of Study			
2	Architecture & Construction Principles of Construction			
3	Manufacturing Principles of Construction			
4	Design & Multimedia Arts Tech Apps			
5	Accounting & Financial Services Bus Mangement & Entrepreneurship			
6	Teaching			
8	Health Science			
	Cybersecurity			
13	Programming & SW Development			
	Engineering			

CTE Ed Spec	
MHS	
CTE: Qty / Space Type	Comparison
1 P. Constr. Lab	MISSING
w/ 1 Clrm	IVIISSING
Shared w/ Arch & Construction	Shared w/ Arch & Construction
1 Lab / Clrm	MISSING
3 Business Clrms	5 Business Clrms
4 Business Labs	3 Business Labs
1 Education Clrm	MISSING
2017 Bond	2017 Bond
(3 H.Sci Labs)	(3 H.Sci Labs)
1 Cybersecurity Lab	MISSING
1 Programming Labs	MISSING
2017 Bond	2017 Bond
(2 Eng Labs)	(2 Eng Labs)

CTE Ed Spoc

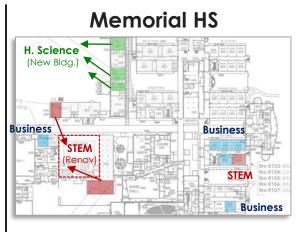
NBHS	
CTE: Qty / Space Type	Comparison
1 P. Constr. Lab	1 P. Constr. Lab w/ 1 Cirm
Shared w/ Arch & Construction	Shared w/ Arch & Construction
1 Lab / Clrm	2 Lab / Clrm
1 Business Clrms 2 Business Labs	O Business Clrms 2 Business Labs
1 Education Clrm	2 Education Clrm
2 H. Science Labs	1 H. Science Lab
1 Cybersecurity Lab	MISSING
1 Programming Lab	MISSING
1 Eng Lab (w/ 1 Robotics)	MISSING

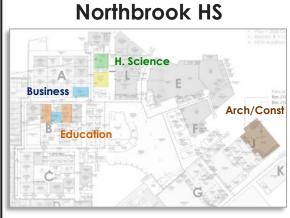
CTE Ed Spec	
SWHS	
CTE: Qty / Space Type	Comparison
1 P. Constr. Lab	1 P. Constr. Lab
w/ 1 clrm	w/ 1 Clrm
Shared w/ Arch & Construction	1 P. Constr. Lab w/ 1 Cirm
1 Lab / Clrm	1 Lab / Clrm
2 Business Clrms	2 Business Clrms
2 Business Labs	2 Business Labs
1 Education Clrm	1 Education Clrm
2 H. Science Labs	6 H. Science Labs
1 Cybersecurity Lab	1 Cybersecurity Lab
1 Programming Lab	MISSING
2 Engineering Labs	1 Engineering Lab

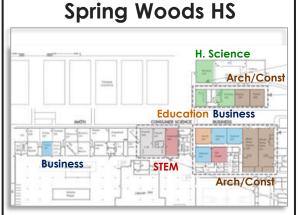
SHS	
CTE: Qty / Space Type	Comparison
1 P. Constr. Lab w/ 1 Cirm	MISSING
Shared w/ Arch & Construction	Shared w/ Arch & Construction
1 Lab / Clrm	MISSING
3 Business Clrms 3 Business Labs	O Business Clrms 6 Business Labs
1 Education Clrm	1 Education Clrm
3 H. Science Labs	2 H. Science Labs
1 Cybersecurity Lab	MISSING
1 Programming Lab	MISSING
2 Engineering Labs	1 Engineering Lab

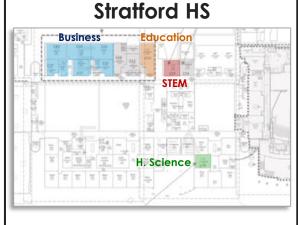
CTE Ed Spec

KEY FINDINGS | RENOVATION - TIER STRATEGY (HS)









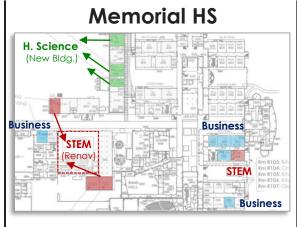
TIER 1 "IN PLACE, AS IS": RENOVATE EXISTING CTE SPACES

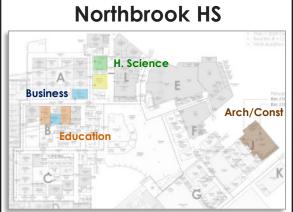
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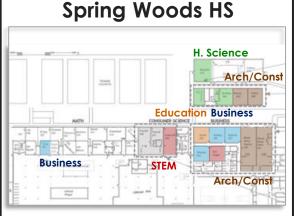
Under-sized CTE Ed Spec criteria: Clrm (900 SF) + Clrm/Lab (1,200 SF) + Clrm/Cmptr Lab (1,200 SF) + P. Construction Lab (2,500 SF)

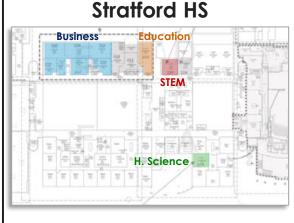
Missing / Partial CTE Programs: MHS (5 Missing / 1 Partial) + NBHS (3 Missing / 2 Partial) + SWHS (1 Missing / 1 Partial) + SHS (4 Missing / 3 Partial)

KEY FINDINGS | RENOVATION - TIER STRATEGY (HS)









TIER 1 "IN PLACE, AS IS": RENOVATE EXISTING CTE SPACES

<u>Under-sized</u> CTE Ed Spec criteria: Clrm (900 SF) + Clrm/Lab (1,200 SF) + Clrm/Cmptr Lab (1,200 SF) + P. Construction Lab (2,500 SF)

Missing / Partial CTE Programs: MHS (5 Missing / 1 Partial) + NBHS (3 Missing / 2 Partial) + SWHS (1 Missing / 1 Partial) + SHS (4 Missing / 3 Partial)

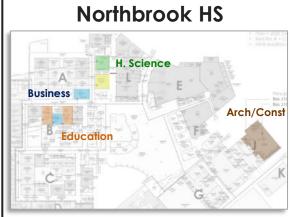
TIER 2 "MISSING + IMPROVE ADJACENCIES": RENOVATE / ADD CTE SPACES \$\$

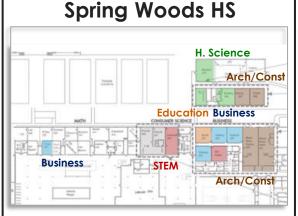
<u>Improve CTE Adjacencies</u>: Program Space Type (Renovate) + Career Cluster Grouping (Move)

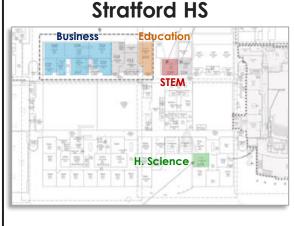
Missing / Partial CTE Programs: Provide Space (Renovation and/or New Space: T-Bldgs?)

KEY FINDINGS | RENOVATION - TIER STRATEGY (HS)

H. Science (New Bldg.) Business Business STEM (Renov) Rm 8105.0hm Rm 8105.0hm







TIER 1 "IN PLACE, AS IS": RENOVATE EXISTING CTE SPACES

<u>Under-sized</u> CTE Ed Spec criteria: Clrm (900 SF) + Clrm/Lab (1,200 SF) + Clrm/Cmptr Lab (1,200 SF) + P. Construction Lab (2,500 SF)

Missing / Partial CTE Programs: MHS (5 Missing / 1 Partial) + NBHS (3 Missing / 2 Partial) + SWHS (1 Missing / 1 Partial) + SHS (4 Missing / 3 Partial)

TIER 2 "MISSING + IMPROVE ADJACENCIES" : RENOVATE / ADD CTE SPACES \$\$

<u>Improve CTE Adjacencies</u>: Program Space Type (Renovate) + Career Cluster Grouping (Move)

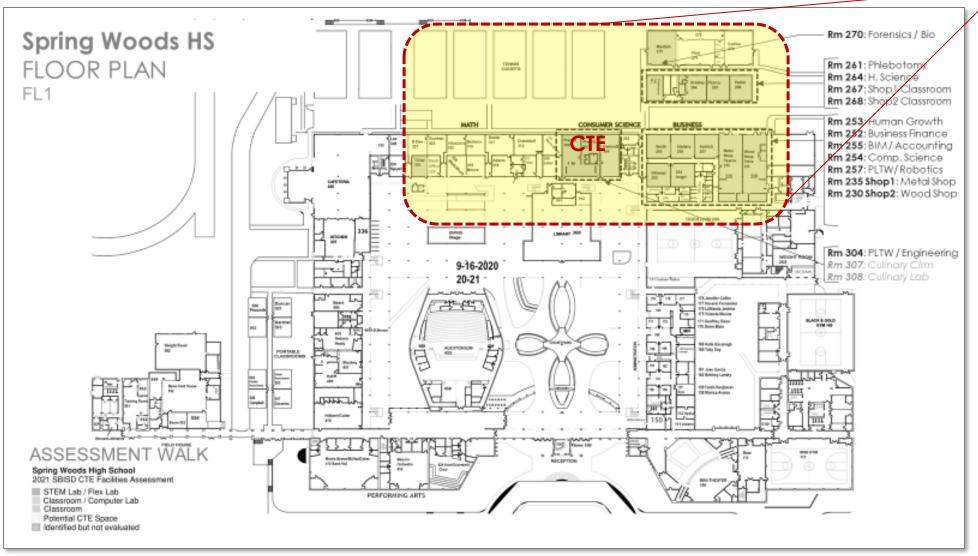
Missing / Partial CTE Programs: Provide Space (Renovation and/or New Space: T-Bldgs?)

TIER 3 "MEET CTE ED SPECIFICATIONS": RENOVATE / ADD CTE SPACES

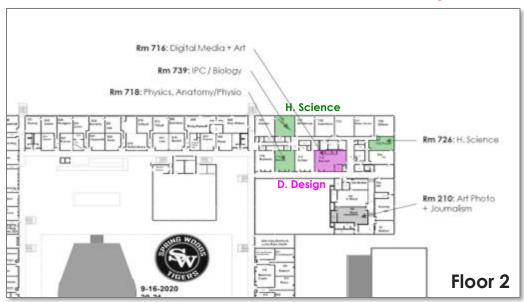
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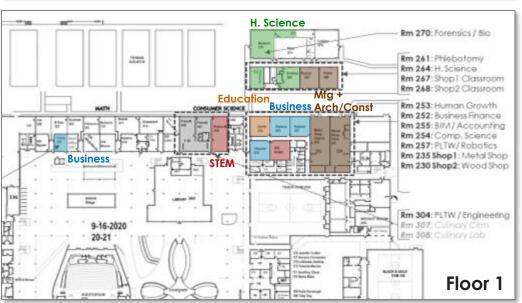
Requires Master Plan: ALL CTE Programs (Existing / New) + MEET CTE Ed Specs Requirements (SF + Adjacencies)

TIER STRATEGY | HIGH SCHOOL (Spring Woods HS)



TIER 1 STRATEGY | HIGH SCHOOL (Spring Woods HS)





TIER 1 "IN PLACE, AS IS"

RENOVATE EXISTING CTE SPACES

CTE Spaces ON CAMPUS

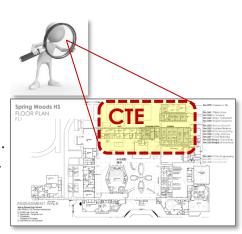
- Arch/Construction = Rm 268 + Rm 230 (Wood Shop)
 Manufacturing = Rm 267 + Rm 235 (Welding Shop)
- Design & Multimedia Arts = Rm 716 + Rm 716A
- Business, Mktg & Fin Svc
 2 Classroom = Rms 252 + Rm 325
 2 Clrm/Computer Labs = Rm 255 + Rm 257
- **Education** = Rm 253
- Health Science: Stacked on two floors
 FL1 = Rm 261 + Rm 264/265 + Rm 270/272
 FL2 = Rm 718 + Rm 739 + Rm 726
- **STEM** = Rm 254 (Cybersecurity) + Rm 304 (Engineering)

CTE Spaces MISSING / PARTIAL

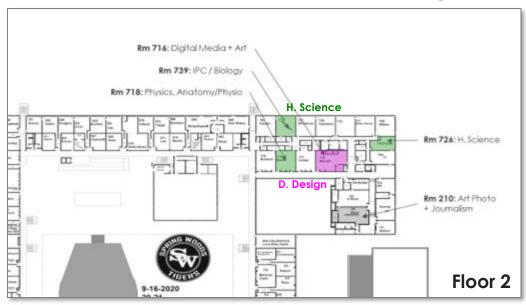
• STEM = Programming Lab + Engineering Lab

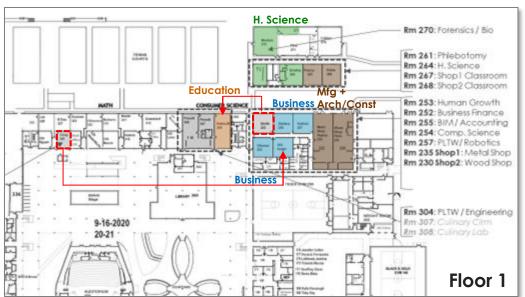
CTE Spaces <u>SF + ADJACENCIES</u>

- Pros: Grouped in NW quadrant of campus Arch/Constr & Mfg + Business + H. Science
- Cons: Some <u>undersized rooms</u>, exceed ≤ 15% threshold.
 Rm 325 <u>isolated</u> from other Business Clrm/Comptr Labs.
 2 STEM programs <u>missing</u> on campus.



TIER 2 STRATEGY | HIGH SCHOOL (Spring Woods HS)





TIER 2 "MISSING + IMPROVE ADJACENCIES" RENOVATE / ADD CTE SPACES

EXISTING BUILDING: RENOVATIONS / MOVES

• <u>STAY in place</u>, Renovate as needed:

Arch/Construction = Rm 268 + Rm 230

Manufacturing = Rm 267 + Rm 235

Design & Multimedia Arts = Rm 716 + Rm 716A

Health Science: Stacked on two floors

FL1 = Rm 261 + Rm 264/265 + Rm 270/272

FL2 = Rm 718 + Rm 739 + Rm 726

MOVE/RENOVATE:

Business, Mktg & Fin Svc

STAY in place, Renovate as needed: Rm 252 + Rm 255 + Rm 257 MOVE Rm 325 to Renovated Rm 253 (Vacated by Education)

Education

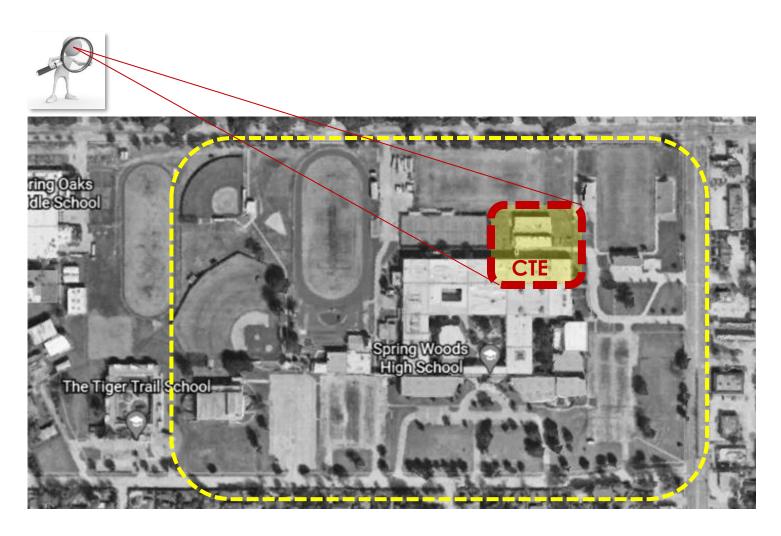
MOVE Rm 253 to Renovated Rm 304 (Vacated by Engineering)

NEW SPACE: MODULAR BUILDING (or) BUILDING ADDITION

STEM

MOVE to new space: Rm 254 (Cybersecurity) + Rm 304 (Engineering) PROVIDE 2 MISSING CTE programs: Programming Lab + Engineering Lab

TIER 3 STRATEGY | HIGH SCHOOL (Spring Woods HS)



TIER 3 "MEET CTE ED SPECIFICATIONS"

RENOVATE / ADD CTE SPACES

NEW SPACE: REQUIRES MASTER PLAN

Needed for ALL programs to meet SF + Adjacency Requirements

CTE Ed Spec

Career Cluster	Programs of Study					
2	Architecture & Construction Principles of Construction					
3	Manufacturing Principles of Construction					
4	Design & Multimedia Arts Tech Apps					
5	Accounting & Financial Services Bus Mangement & Entrepreneurship					
6	Teaching					
8	Health Science					
	Cybersecurity					
13	Programming & SW Development					
	Engineering					

SWHS			
CTE: Qty / Space Type	Comparison		
1 P. Constr. Lab w/ 1 Cirm	1 P. Constr. Lab w/ 1 Clrm		
Shared w/ Arch & Construction	1 P. Constr. Lab w/ 1 Cirm		
1 Lab / Clrm	1 Lab / Cirm		
2 Business Clrms 2 Business Labs	2 Business Clrms 2 Business Labs		
1 Education Clrm	1 Education Clrm		
2 H. Science Labs	6 H. Science Labs		
1 Cybersecurity Lab	1 Cybersecurity Lab		
1 Programming Lab	MISSING		
2 Engineering Labs	1 Engineering Lab		

Status Update: Central Campus | Guthrie Center

CTE Central Campus | Guthrie + Ag Farm BENCHMARK: 2020 CTE Educational Specifications

Assessment

- Function
 Space Type +
 Program of Study
- Organization
 Career Cluster +
 Program of Study

CC **Program of Study** Index **Central Facility** Agriculture, Food & Natural Resources 1.1 Animal Science Architecture & Construction 2.1 Construction Technician 2.2 Electrical Technician 2.3 Architectural Design Manufacturing 3.1 Welding Arts, Audio Visual Technology & Communcations 4.1 Digital Communications (Filmmaking) **Health Science** 8.1 Healthcare Practitioner Patient Care Technician - NEW Dental Assistant - NFW 8.4 Pharmacy Technician **Hospitality & Tourism** 9.1 Culinary Arts Information Technology 11.1 Info Tech Support & Services Law & Public Safety 12.1 Law Enforcement **Transportation, Distribution & Logistics** 14.1 Automotive Technician - NEW Regional - Program of Study 15.1 Cosmetology Military - JROTC 16.1 Navy JROTC

Legend:

Home → Central
Home / Central
Regional Program
Guthrie Center
Ag Farm

Space Requirements Summary

(Career Clusters / Programs of Study)

Agriculture, Food & Natural Resources

27,935 SF Show Arena, Ag Mech, Greenhouse **24,415 SF** Animal Pens (Large + Small Animal)

Architecture & Construction + Manufacturing

7,200 SF Construction Tech

6,100 SF Electrical Tech

3,200 SF Architectural Design

7,200 SF Welding + Manufacturing

Arts Audio Visual Technology & Communications

6,600 SF Digital Communications

Health Science

1.350 SF Healthcare Practitioner

5,200 SF Shared Spaces

4,200 SF Patient Care Technician

2,500 SF Dental Assistant

1,500 SF Pharmacy Technician

14,850 SF	Culinary Arts
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4,800 SF Info Tech Support & Services

6,200 SF Law Enforcement

13,000 SF Automotive Technician

7,800 SF Cosmetology

5,600 SF Navy JROTC

KEY FINDINGS | CTE ED SPEC ALIGNMENT (Guthrie)

Educational Adequacy Criteria NOT met

• **SF Criteria** not met (some ≥ 15% undersized)

Electrical Tech: Classroom + Lab H. Science: Pharmacy Tech

Cosmetology: Classroom + Studio

- Programs Not in Appropriate Space
 Pharmacy Tech + Criminal Justice
- Existing Programs Missing Key Spaces:
 ALL except Arch Design + Digital Comm
- Existing Career Clusters Missing Programs:
 <u>Arch & Construction</u>: 1 Program
 <u>Health Science</u>: 3 Programs
- New Programs Missing Space / Adjacencies:
 High Bay Space / Outdoor Access:

 Construction + Electrical + Automotive Tech
- No Enterprise Entries: Cosmetology + Culinary

Key Functional Adjacencies NOT met

Arts, A/V Tech & Communications:
 Digital Communications spread across 3 Bldgs.

Renovations will "trigger" Regulatory Upgrades Life Safety

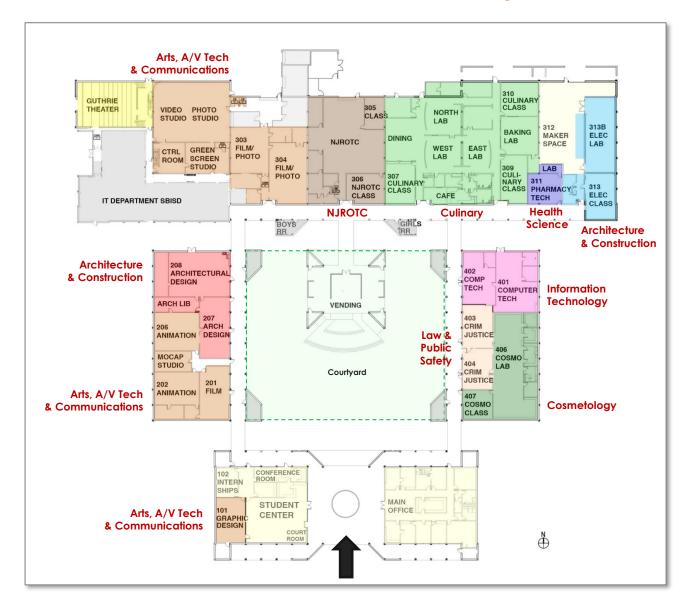
- Fire Sprinkler + Fire Alarm (Audible Evacuation)
- Egress: Exiting + Lighting Outdoor

Regulatory / Code

- Accessibility (Accessible Route, Space)
- MEP Indoor Air Quality

C	SBISD Program of Study	ON Campus (Ag + Guthrie)	NOT on Campus (Ag + Guthrie)	
Ind	Central Facility - CTE Ed Spec	CTE Program Spaces	MISSING	
1	1 Agriculture, Food & Natural Resources	Agriculture, Food & Natural Resources		
	1.1 Animal Science (1 Clrm + 4 Clrm/Lab) + (Arena/A. Pens) + Ag Mech + Greenhouse	Ag Farm (3 Clrm/1 Office) + Arena + Animal Pens + Ag Mech + Greenhouse	1 Ac Pract/Vet Med Lab + 1 Adv. Animal Science Lab	
2	2 Architecture & Construction	Architecture & Construction		
	2.1 Construction Technician (2 Clrm + 1 Lab + 3 Project Stor)	MISSING	2 Clrms + 1 Lab/Shop (2 classes) + 3 Project Storage	
	2.2 Electrical Technician (1 Clrm + 2 Open Clrms + 2 Labs (14 Mock-up)	Bldg 3 (Trio): 1 Clrm + 1 Lab (10 Mock-up) 2 Teachers Share 1 Clrm/Lab	2 Open Clrms + 1 Lab w/ Mock-up	
	2.3 Architectural Design (2 Labs + 1 Storage + Library/Print)	Bldg 2 2 Design Labs + 1 Storage + 1 Library/Print		
3	* Manufacturing	Manufacturing		
	3.1 Welding (1 Clrm + 2 Labs 20 Booths + 2 Project Stor + 2 Locker/Dressing)	MISSING	1 Clrm + 2 Labs (20 Booths) + 2 Proj. Stor + 2 Locker/Dressing	
4	4 Arts, Audio Visual Technology & Communcations	Arts, Audio Visual Technology & Communcations		
	4.1 Digital Communications (1 Studio w/ Stor + Control Rm + 1 Sound + 2 Audio)	Bldg 3 (1 Media Studio + 1 Control Rm + 1 B.Cast + 1 Audio Rm) + (2 Film/Photo)	1 Sound Studio + 1 Audio Rms	
	Digital Communications (2 Digital Labs + 2 Storage Rms)	Bldg 2 2 Digital Labs + 2 Storage Rms		
	Digital Graphics (Not in CTE Ed Spec)	Bldg 1 Graphic Design: 1 Design Lab + Storage		
8	8 Health Science	Health Science		
	8.1 Healthcare Practitioner (1 Lab w/Stor) + (2 Clrms/Stor + 1 Cmptr Lab + 1 Sim Lab)	MISSING	(1 Lab w/Stor) + (2 Clrms/Stor + 1 Cmptr Lab + 1 Simulation Lab)	
	8.2 Patient Care Technician - NEW	MISSING (Currently at WAIS)	1 Clrm + 1 (PCT/Phlem & EKG Lab) + 1 (IV Prep/IV Room)	
	8.3 Dental Assistant - NEW	MISSING	1 Clrm + Dental Lab/Storage + 1 Reception/Waiting	
	8.4 Pharmacy Technician (1 Clrm + 1 Dispensary + 1 Retail Storefront)	Bldg 3 1 Clrm + 1 IV Lab (Both Undersized)	1 Clrm + 1 Dispensary + 1 Retail Storefront	
9	9 Hospitality & Tourism	Hospitality & Tourism		
	9.1 Culinary Arts 1 Enterprise/Bistro + 1 Coffee Bar + (3 Clrms/3 Food Labs) + Support	Bldg 3 1 Bistro + 1 Coffee + (3 Clrms/4 Food Labs) + Support	1 Enterprise + 1 Optional Catering Block	
1:	Information Technology	Information Technology		
	11.1 Info Tech Support & Services (2 Labs w/Stor + 1 MDF/Data Center)	Bldg 4 2 Labs w/ Stor + 1 Office	1 MDF/Data Center	
12	Law & Public Safety	Law & Public Safety		
	12.1 Law Enforcement (2 Clrm/Labs + 1 L. Enforcement Lab/Stor + 1 Simulator Rm/Stor)	Bldg 4 2 Clrms	1 L. Enforcement Lab/Stor + 1 Simulator Rm/Stor	
14	Transportation, Distribution & Logistics	Transportation, Distribution & Logistics		
	14.1 Automotive Technician - NEW	MISSING	1 Enterprise + 2 Open Clrms + 1 Lab (9 bays) + 1 Fixed Lab + 2 Storage	
15'	** Regional - Program of Study	Regional - Program of Study		
	15.1 Cosmetology 1 Enterprise + (1 Clrm + 1 Open Clrm + 2 H.Studios + 1 Esth. + 1 Nail)	Bldg 4 1 Clrm + + 2 Hair Studios + 24 Stu Lockers + Support	1 Enterprise + 1 Open Clrm + 1 Esthetician + 1 Nail Studio	
16	** Military - JROTC	Military - JROTC		
	16.1 Navy JROTC 2 Clrms + 1 Assembly/P. Range/ Arms Stor + 3 Office/1 Mtg + Storage	Bldg 3 2 Clrms + 1 Assembly/P. Range/Arms Stor + 3 Office + Storage	1 Meeting Room	

TIER 1 STRATEGY | CENTRAL CAMPUS (Guthrie)



TIER 1 "IN PLACE, AS IS" RENOVATE EXISTING CTE SPACES

CTE Spaces ON CAMPUS / PARTIAL

- Architecture & Construction: Electrical Tech + Arch Design
- Arts, A/V Tech & Comm: Digital Communications
- Health Science: Pharmacy Tech
- Hospitality & Tourism: Culinary Arts
- Information Technology: Info Tech Support & Services
- · Law & Public Safety: Law Enforcement
- Cosmetology
- NJROTC

CTE Spaces MISSING

- Arch/Construction: Construction Tech
- Manufacturing: Welding Tech
- Health Science: HC Practitioner + PC Tech + Dental Asst
- Transportation, Distribution & Logistics: Automotive Tech

CTE Spaces <u>SF + ADJACENCIES</u>

- Pros: Most <u>Programs of Study</u> located in same building.
- Cons: Some undersized rooms, exceed ≤ 15% threshold.

TIER 2 STRATEGY | CENTRAL CAMPUS (Guthrie)

TIER 2 "MISSING + IMPROVE ADJACENCIES"
RENOVATE / ADD CTE SPACES

EXISTING BUILDING: RENOVATIONS / MOVES

- <u>Stay In Place</u>: Renovate as needed
 Arts, A/V Tech & Communications: (Bldgs. 1 + 2 + 3)
 NJROTC (Bldg. 3)
- <u>Building 2:</u> Move + Minor Renovation
 Information Technology: Info Tech Support & Services
 (Move from Bldg. 4 to Renovated Space in Bldg. 2)
- <u>Building 3:</u> Renovate + Addition
 <u>Hospitality & Tourism:</u> Culinary Arts (Bldg. 3)
 <u>Architecture & Construction:</u> Electrical Tech (Expansion)
- <u>Building 4:</u> Renovate as needed
 <u>Law & Public Safety:</u> Law Enforcement (Expansion)
 <u>Vacated Space:</u> Renovate for Multi-Purpose / Event Space

NEW SPACE: BUILDING ADDITION

Building 3 – Addition

Architecture & Construction: Arch Design (From Bldg. 2)

Arch/Construction: Construction Tech

Manufacturing: Welding Tech

New Addition-1

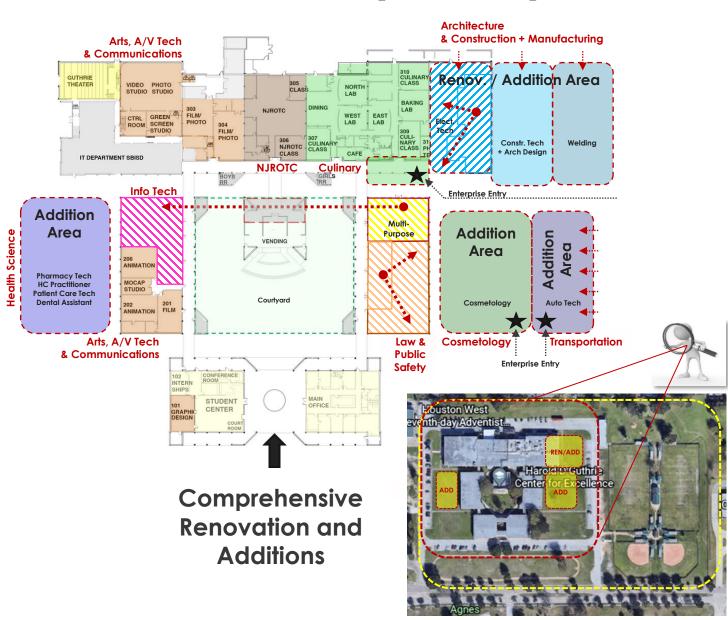
Health Science: Pharmacy Tech (From Bldg. 3)

Health Science: HC Practitioner + PC Tech + Dental Asst

New Addition-2

Cosmetology (From Bldg. 2)

Transportation, Distribution & Logistics: Automotive Tech



TIER 3 STRATEGY | HIGH SCHOOL (Guthrie)

CC	SBISD Program of Study	<u>ON</u> Campus (Ag + Guthrie)		NOT on Campus (Ag + Guthrie)	
Index	Central Facility - CTE Ed Spec		CTE Program Spaces	MISSING	
1	Agriculture, Food & Natural Resources		Agriculture, Food & Natural Resources		
	1.1 Animal Science (1 Clrm + 4 Clrm/Lab) + (Arena/A. Pens) + Ag Mech + Greenhouse	Ag Farm	(3 Clrm/1 Office) + Arena + Animal Pens + Ag Mech + Greenhouse	1 Ac Pract/Vet Med Lab + 1 Adv. Animal Science Lab	
2	Architecture & Construction		Architecture & Construction		
	2.1 Construction Technician (2 Clrm + 1 Lab + 3 Project Stor)		MISSING	2 Cirms + 1 Lab/Shop (2 classes) + 3 Project Storage	
	2.2 Electrical Technician (1 Clrm + 2 Open Clrms + 2 Labs (14 Mock-up)	Bldg 3	(Trio): 1 Clrm + 1 Lab (10 Mock-up) 2 Teachers Share 1 Clrm/Lab	2 Open Clrms + 1 Lab w/ Mock-up	
	2.3 Architectural Design (2 Labs + 1 Storage + Library/Print)	Bldg 2	2 Design Labs + 1 Storage + 1 Library/Print		
3*	* Manufacturing Manufacturing				
	3.1 Welding (1 Clrm + 2 Labs 20 Booths + 2 Project Stor + 2 Locker/Dressing)		MISSING	1 Clrm + 2 Labs (20 Booths) + 2 Proj. Stor + 2 Locker/Dressing	
4	Arts, Audio Visual Technology & Communcations		Arts, Audio Visual Technology & Communcations		
	4.1 Digital Communications (1 Studio w/ Stor + Control Rm + 1 Sound + 2 Audio)	Bldg 3	(1 Media Studio + 1 Control Rm + 1 B.Cast + 1 Audio Rm) + (2 Film/Photo)	1 Sound Studio +1 Audio Rms	
	Digital Communication S (2 Digital Labs + 2 Storage Rms)	Bldg 2	2 Digital Labs + 2 Storage Rms		
	Digital Graphics (Not in CTE Ed Spec)	Bldg 1	Graphic Design: 1 Design Lab + Storage		
8	Health Science		Health Science		
	8.1 Healthcare Practitioner (1 Lab w/Stor) + (2 Clrms/Stor + 1 Cmptr Lab + 1 Sim Lab)		MISSING	(1 Lab w/Stor) + (2 Clrms/Stor + 1 Cmptr Lab + 1 Simulation Lab)	
	8.2 Patient Care Technician - NEW		MISSING (Currently at WAIS)	1 Clrm + 1 (PCT/Phlem & EKG Lab) + 1 (IV Prep/IV Room)	
	8.3 Dental Assistant - NEW		MISSING	1 CIrm + Dental Lab/Storage + 1 Reception/Waiting	
	8.4 Pharmacy Technician (1 Cirm + 1 Dispensary + 1 Retail Storefront)	Bldg 3	1 Cirm + 1 IV Lab (Both Undersized)	1 Clrm + 1 Dispensary + 1 Retail Storefront	
9	Hospitality & Tourism		Hospitality & Tourism		
	9.1 Culinary Arts 1 Enterprise/Bistro + 1 Coffee Bar + (3 Clrms/3 Food Labs) + Support	Bldg 3	1 Bistro + 1 Coffee + (3 Clrms/4 Food Labs) + Support	1 Enterprise + 1 Optional Catering Block	
11	Information Technology		Information Technology		
	11.1 Info Tech Support & Services (2 Labs w/Stor + 1 MDF/Data Center)	Bldg 4	2 Labs w/ Stor + 1 Office	1 M DF/Data Center	
12	Law & Public Safety		Law & Public Safety		
	12.1 Law Enforcement (2 Cirm/Labs + 1 L. Enforcement Lab/Stor + 1 Simulator Rm/Stor)	Bldg 4	2 Cirms	1 L. Enforcement Lab/Stor + 1 Simulator Rm/Stor	
14	Transportation, Distribution & Logistics		Transportation, Distribution & Logistics		
	14.1 Automotive Technician - NEW		MISSING	1 Enterprise + 2 Open Cirms + 1 Lab (9 bays) + 1 Fixed Lab + 2 Storage	
15**	Regional - Program of Study		Regional - Program of Study		
	15.1 Cosmetology 1 Enterprise + (1 Clrm + 1 Open Clrm + 2 H.Studios + 1 Esth. + 1 Nail)	Bldg 4	1 Clrm+ + 2 Hair Studios + 24 Stu Lockers + Support	1 Enterprise + 1 Open Clrm + 1 Esthetician + 1 Nail Studio	
16**	Military - JROTC		Military - JROTC		
	16.1 Navy JROTC 2 Cirms + 1 Assembly/P. Range/ Arms Stor + 3 Office/1 Mtg + Storage	Bldg 3	2 Cirms + 1 Assembly/P. Range/Arms Stor + 3 Office + Storage	1 Meeting Room	
Щ					

TIER 3 "MEET CTE ED SPECIFICATIONS" RENOVATE / ADD CTE SPACES

NEW SPACE: REQUIRES MASTER PLAN

Needed for ALL programs to meet SF + Adjacency Requirements



OPTIONS TO CONSIDER:

- 1. Build NEW Facility on Existing Site
 - Phased Construction on occupied campus
- 2. Build NEW Facility on New Site
 - Engage in Site Selection Process
 - Guthrie remains operational
 - Relocate to new site after construction completion

Topic 4

SBISD CTE Facilities Assessment: CTE Assessment | Next Steps

NEXT STEPS

March 25 = Status Update to SBISD April 9 = Status Update to SBISD Board

March - June 2021 = Finalize Analysis + Costing

- March: Compiled Assessment Info to Estimator
- April: Review Strategies + Cost Implications
- May: Finalize Data / Documentation

May - June 2021 = SBISD Presentations

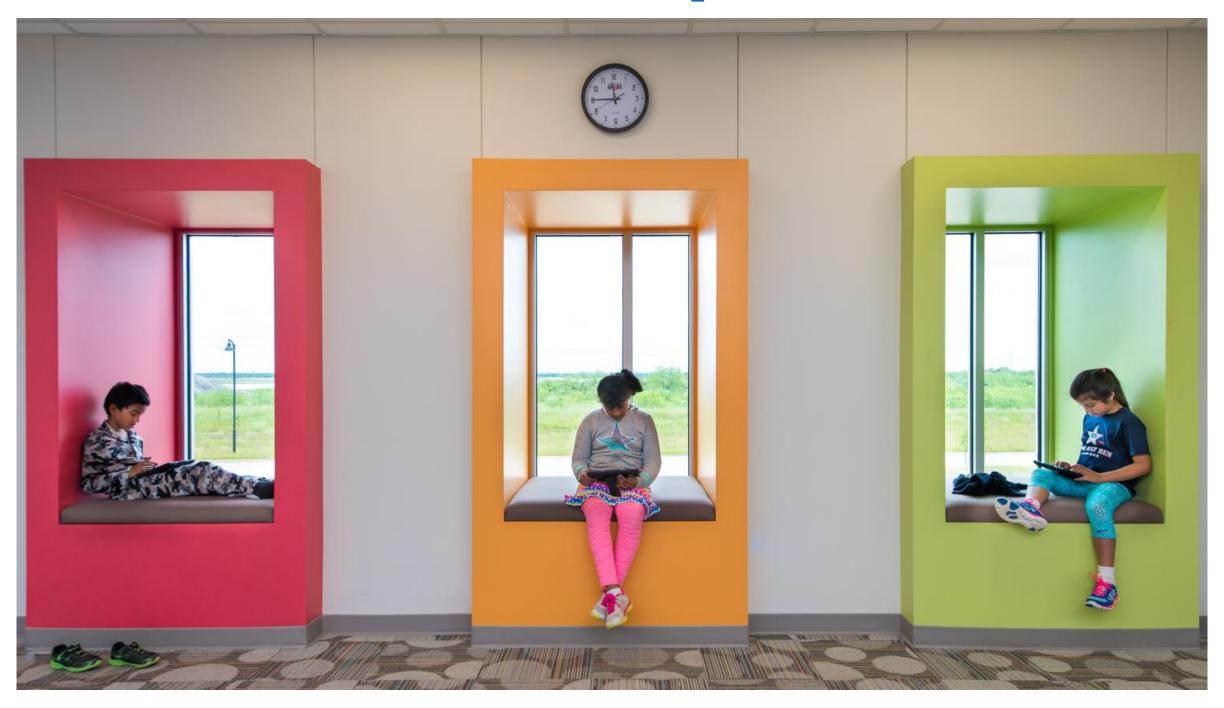
- May 20th: Present to SBISD Admin
- June 9th: Present to SBISD Board







What to Expect....



LRFP Committee Meetings

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	LRFP #1 May 18th (SHS)	LRFP #2 June 8th (SBMS)	LRFP #3 June 24th (SFMS)	LRFP #4 July 8th (SWHS)	
1 Meeting Objective	LRFP Charge Information Data: LRFP Framework CTE History / Instruction Ed Spec / Assessment	INITIAL Input: CTE Facilities Assessment Final Report Summary	DEVELOP Plan: Long Range Plan 2 Options → 1 Option	REFINE / FINALIZE Plan: Long Range Plan Recommended Option	
Topics Discussed	BASELINE DATA: (Instruction / Facility) CTE Task Force CTE Curriculum CTE Education Spec CTE Assessment: (April Status Update)	INPUT / FEEDBACK: (Initial Option) Individual Improvement Strategy (Tier 1 + Tier 2 + Tier 3) Timeline Order Priority (Building Type)	CTE LRFP: (Develop Options) 10 Tables → 3 Tables Improvement Strategy (Tier 1 + Tier 2 + Tier 3) Timeline Order Priority (Building Type)	CTE LRFP: (Refine Plan) Group Discussion Improvement Strategy (Tier 1 + Tier 2 + Tier 3) Timeline Order Priority (Building Type)	
3 Informed Direction	Individual / Group UNDERSTANDING: CTE Curriculum CTE Education Spec CTE Assessment + Improvement Strategies	Individual INPUT / FEEDBACK: CAMPUS TIER STRATEGY + BLDG TYPE PRIORITY	Small + Medium Group INPUT / FEEDBACK: CAMPUS TIER STRATEGY + BLDG TYPE PRIORITY	Large Group CONSENSUS: RECOMMENDATION LRFP Campus Tier Strategy + Bldg Priority DRAFT Presentation	
FOCUS:	FRAMEWORK OVERVIEW	K EXPLORE DEVELOP REFINE / FIN BUILD + SEEK CONSENSUS			

LRFP #2 June 8th (SBMS) Meeting **Objective INITIAL** Input: **CTE Facilities Assessment** Final Report Summary **Topics INPUT / FEEDBACK: Discussed** (Initial Option) Individual **Improvement Strategy** (Tier 1 + Tier 2 + Tier 3)**Timeline Order Priority** (Building Type) Informed Individual **Direction INPUT / FEEDBACK: CAMPUS TIER STRATEGY BLDG TYPE PRIORITY EXPLORE FOCUS:**

LRFP Committee Mtg #2

NEXT

STANTEC:

QUICK Mtg#1 Recap

PRESENT:

CTE Facilities
Assessment
Report

from 6/7/21 Board Meeting Presentation LRFPC Engagement INDIVIDUAL INPUT

(Tier Strategy per Facility)

COLLECT RESPONSES

Group by "Tier Strategy"

STATUS Report Out SIMILAR GROUPINGS?

By Facility Type:

- "Pure" Tier Strategy
- "Mixed" Tier Strategy

BUILD + SEEK CONSENSUS

LRFP #3 June 24th (SFMS)

LRFP Committee Mtg #3

NEXT



DEVELOP Plan:

Long Range Plan
2 Options → 1 Option

Topics Discussed

CTE LRFP:

(Develop Options)
10 Tables → 3 Tables

Improvement Strategy

(Tier 1 + Tier 2 + Tier 3)

Timeline Order Priority (Building Type)

3 Informed Direction

Small + Medium Group INPUT / FEEDBACK:

CAMPUS TIER STRATEGY

BLDG TYPE PRIORITY

FOCUS:

DEVELOP

STANTEC:

QUICK Mtg#2 Recap

PRESENT:

TWO OPTIONS

from
LRFP Mtg #2
(Individual Response)

LRFPC Engagement SMALL GROUP

(10 Tables of 6)

STATUS Report Out
10 TABLES (1 min each)

NE X

RE-GROUP TABLES

LRFPC Engagement MEDIUM GROUP

(3 Tables of 20)

OPTION Report Out
3 TABLES
(5 min each)



LRFP #4

July 8th (SWHS)

1 Meeting Objective

REFINE / FINALIZE Plan:

Long Range Plan
Recommended Option

Topics Discussed

CTE LRFP:

(Refine Plan)
Group Discussion

Improvement Strategy

(Tier 1 + Tier 2 + Tier 3)

Timeline Order Priority (Building Type)

3 Informed Direction

Large Group CONSENSUS:

RECOMMENDATION

LRFP Campus Tier

Strategy + Bldg Priority

DRAFT Presentation

FOCUS:

REFINE / FINALIZE

LRFP Committee Mtg #4

NEXT

STANTEC

QUICK Mtg#3 Recap

+

PRESENT:

PREFERRED OPTION

from
LRFP Mtg #3
(Table Consensus)

LRFP CommitteeENGAGEMENT

FACILITATE

LARGE GROUP DISCUSSION

(10 Tables of 7)

+ ONCE

CONSENSUS VOTE

BUILD + SEEK CONSENSUS

