

## **EXECUTIVE SUMMARY**

At the request of the Tennessee Board of Regents (TBR), Gobbell Hays Partners, Inc. (GHP) performed an assessment of The Clements Building – Building A, Part 1 to evaluate the existing spaces and to determine the facility’s adequacy to accommodate the increasing needs of the Science Department at Nashville State Community College.

Building A, Part 1 is a one story, 25,848 square foot brick veneer facility on the campus of Nashville State Community College. In general, the building consists of a combination of science laboratories and related spaces, non-science related spaces and building support spaces.

GHP’s evaluation of this building involved visiting the facility to verify and photograph existing conditions and to develop a working floor plan. Later GHP interviewed the faculty/staff to further comprehend the science program’s existing space utilization and to establish a basis for the future demands and growth anticipated by the department.

Following the faculty/staff meetings, GHP compiled the data provided to finalize the recommendations and conclusions in this report. This report basically summarizes the existing functions of the building, documents the needs of the science department and proposes a plan to optimize the space in Building A, Part1.

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## **GOALS OF STUDY**

- Assess the existing utilization of laboratories in Building A, Part 1
  
- Interview the staff and faculty to determine space requirements including:
  - Laboratories and related spaces desired in the building
  - Existing Class loads
  - Anticipated Growth
  - Area (SF) Requirements
  - Spatial Relationship Requirements
  - Shared Spaced Abilities
  - Common Space Utilization
  
- Make recommendations that efficiently include the requests of the faculty/staff and effectively incorporate the science laboratories and related spaces
  
- Present a Preliminary Budget Analysis that projects an order of magnitude for the costs to implement the proposed plan.

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**Existing Functions & Area (SF) Matrix**

	EXISTING FUNCTION	EXISTING SPACE	AREA (SF)	PROGRAM TYPE
1	<b>BUSINESS</b>		1,727	Non Science
	Classroom	A-1	776	
	Classroom	A-2	803	
	1 Storage	A-2	148	
2	<b>COMPUTER LAB</b>		776	Non Science
	Classroom	A-7	776	
3	<b>GENERAL CLASSROOMS</b>		4,642	Non Science
	Classroom	A-8	773	
	Classroom	A-9	773	
	Classroom	A-10	771	
	Classroom	A-11	773	
	Classroom	A-12	773	
4	<b>BIOTECHNOLOGY</b>		1,972	Non Science
	1 Classroom Space	A-15	775	
	1 Laboratory Space	A-15a	825	
	1 Storage Room	A-16	372	
5	<b>CHEMISTRY</b>		3,808	Science
	Laboratory (Org Chem & Surgical Tech)	A-25	1,190	
	Laboratory (Gen Chem & Microbiology)	A-29	1,251	
	Storage	A-27	135	
	Storage	A-28	135	
	Prep Room	A-26	299	
6	<b>PHYSICS</b>		3,567	Science
	Lab (Physics, Astronomy & Geology)	A-32	1,208	
	Lab (Physics, Astronomy & Geology)	A-35	1,207	
	Classroom (General & Intro Biology)	A-31	798	
	Storage	A-33	178	
	Storage	A-34	176	
7	<b>ELECTRONICS</b>		1,735	Non Science
	Laboratory	A-4	1,588	
	Storage	A-3	147	
8	<b>BUILDING SUPPORT</b>		1,458	N/A
	Men's Toilet	A-17	602	
	Women's Toilet	A-20	406	
	Women's Lounge	A-23	227	
	Janitor's Closet	A-18	26	
9	<b>CIRCULATION / MISC</b>		6,163	N/A
	Corridors, Vestibule	A-5; A-6; A-14; A-24	3,895	
	Chases, Walls, etc.	-	2,268	
10	<b>TOTAL GROSS AREA (SF)</b>		25,848	

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