LEBANON COUNTY CAREER & TECHNOLOGY CENTER

FEASIBILITY STUDY 2025

AUGUST 4, 2025 & AMENDED OCTOBER 21, 2025

FINAL

LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

LEBANON COUNTY CAREER & TECHNOLOGY CENTER

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ARCHITECTURE

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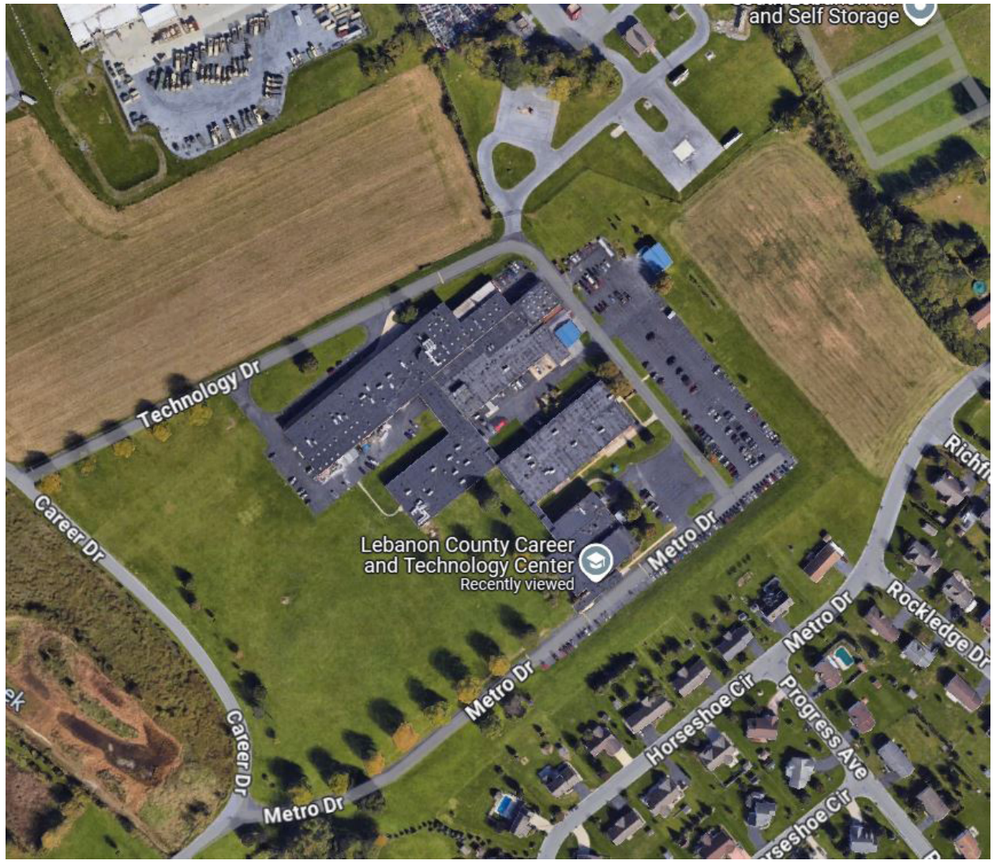
CHAPTER 1 - EXISTING CONDITIONS ANALYSIS

AERIAL VIEW



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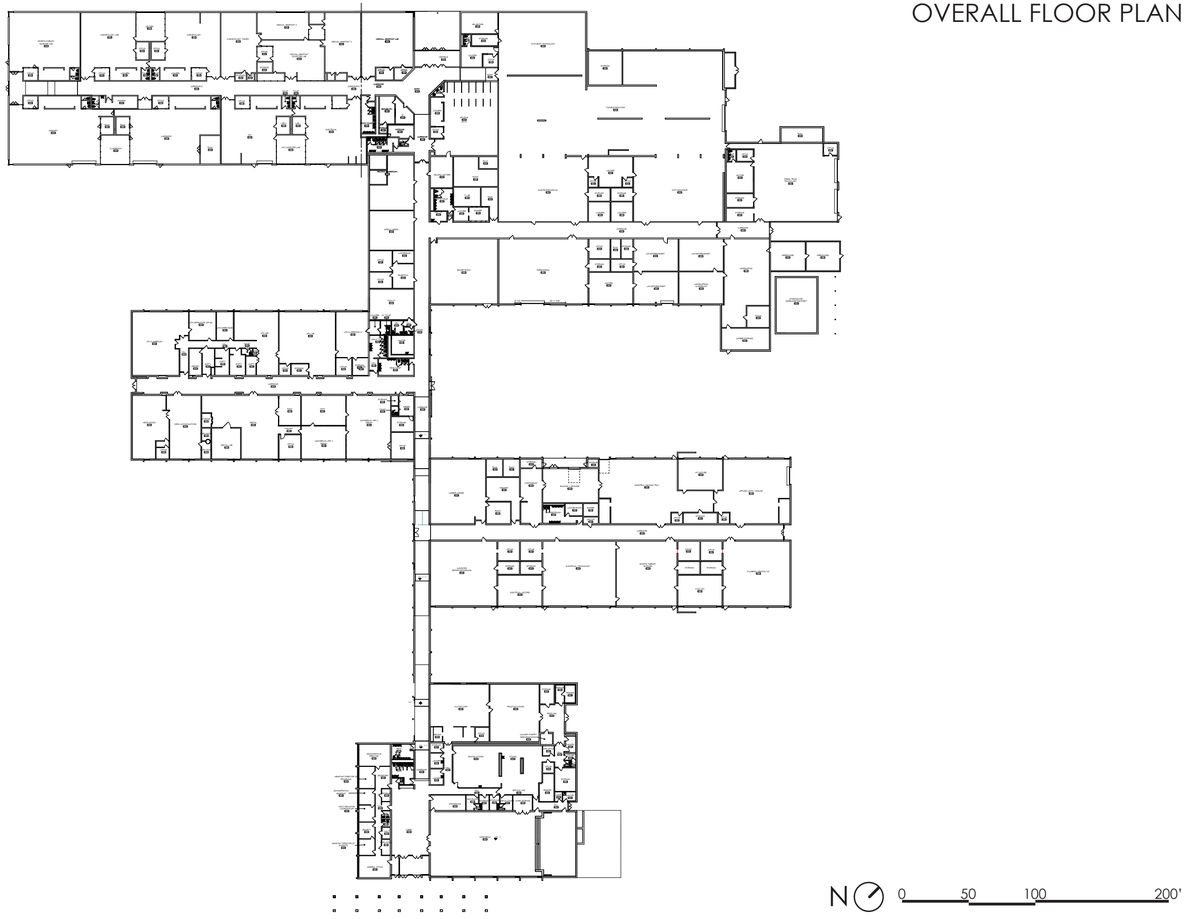
OVERALL FLOOR PLAN



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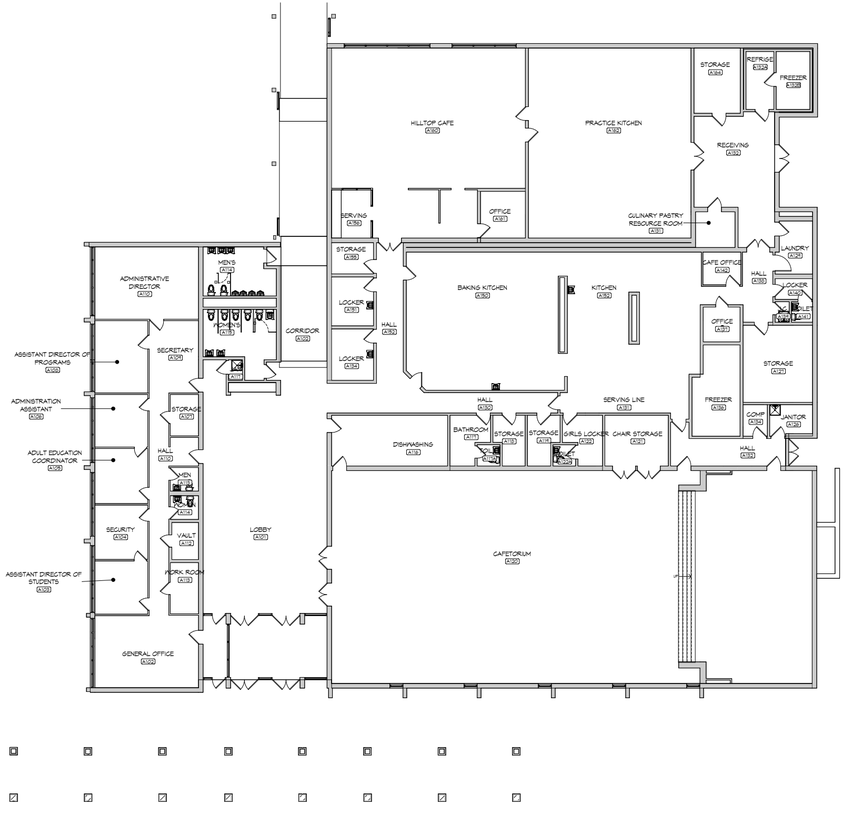
AREA A
FLOOR PLAN



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AREA B
FLOOR PLAN

N 0 20 50 100'

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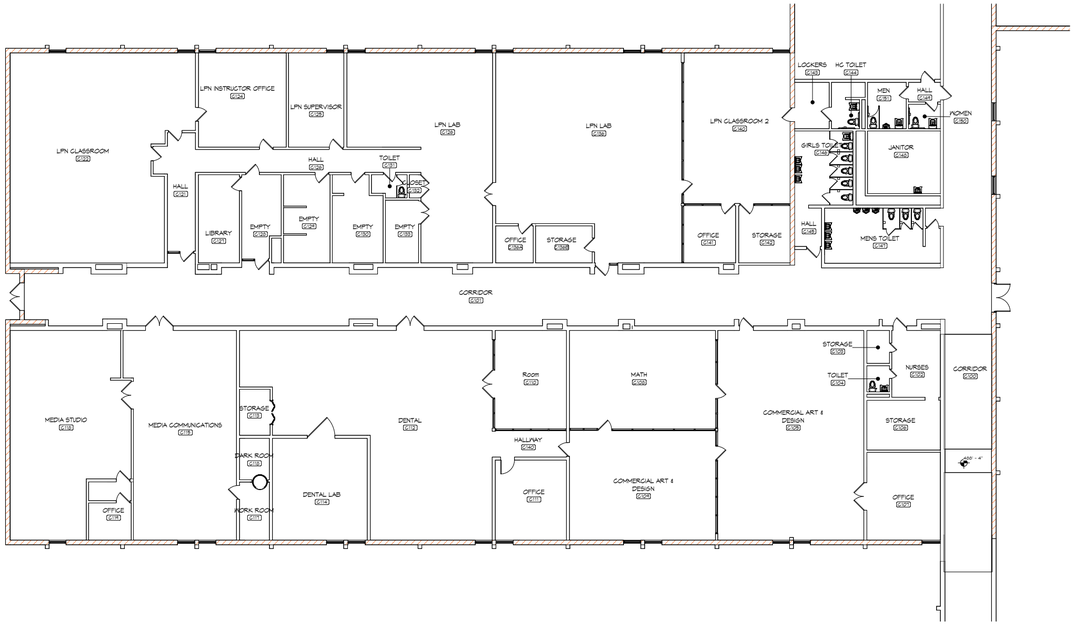
AREA C
FLOOR PLAN



N 0 20 50 100'

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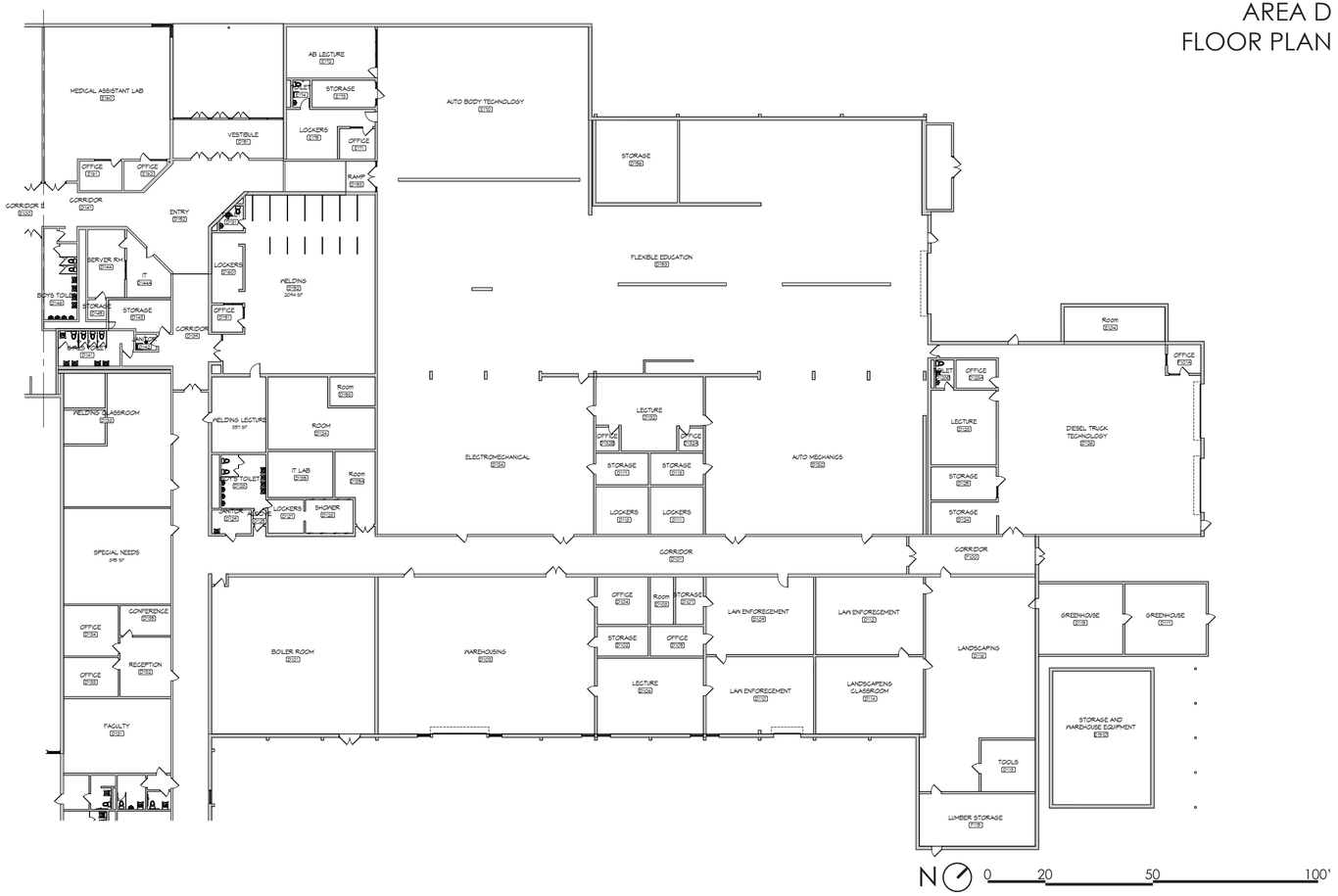
AREA D
FLOOR PLAN



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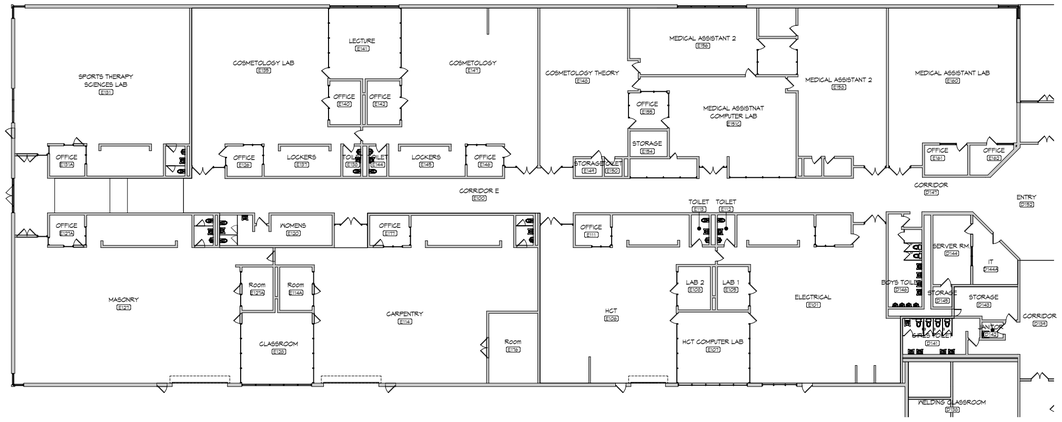
AREA E
FLOOR PLAN



N 0 20 50 100'

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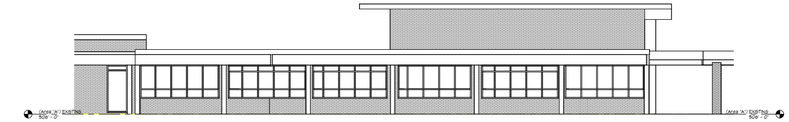
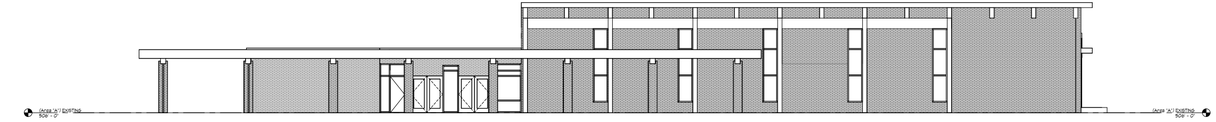
EXISTING ELEVATIONS
AREA A



1 EAST ELEVATION
1/8" = 1'-0"



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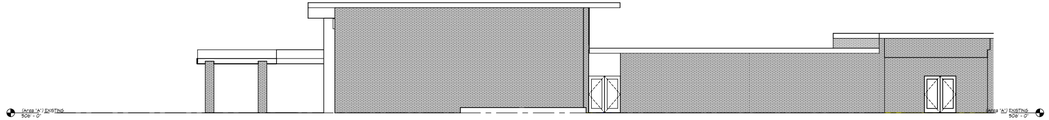
1/8" = 1'-0"



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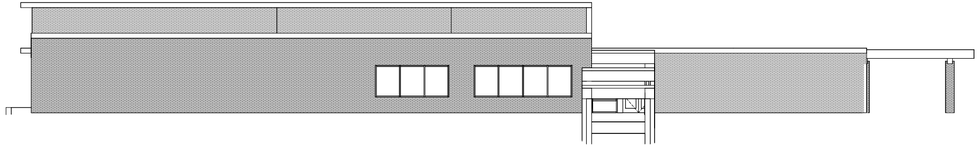

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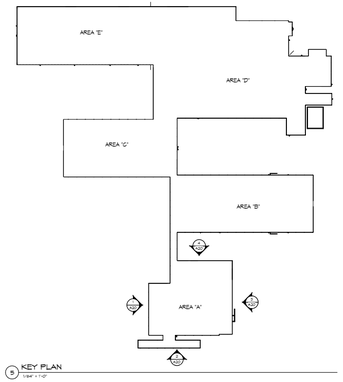

5 KEY PLAN
1/64" = 1'-0"

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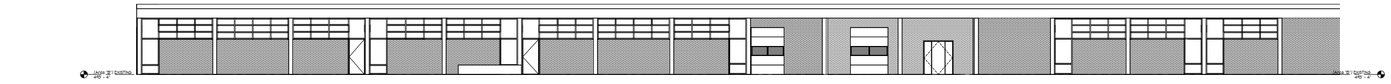
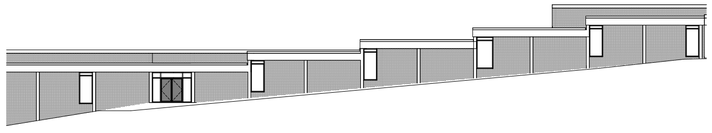
EXISTING ELEVATIONS
AREA B

1 SOUTH ELEVATION
1/8" = 1'-0"



2 NORTH ELEVATION
1/8" = 1'-0"

3 WEST ELEVATION
3/32" = 1'-0"



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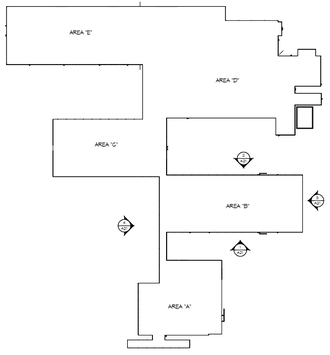
3/32" = 1'-0"



5 KEY PLAN
1/64" = 1'-0"

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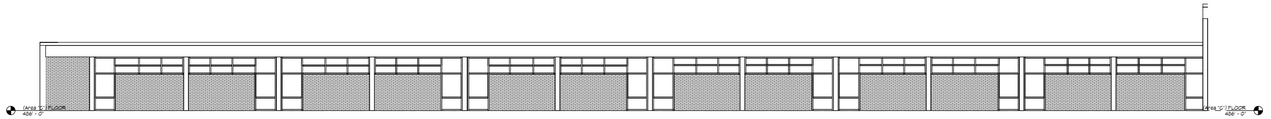
EXISTING ELEVATIONS
AREA C



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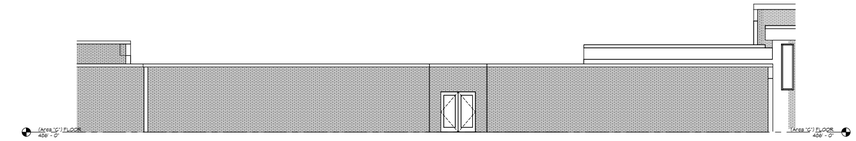
1/8" = 1'-0"



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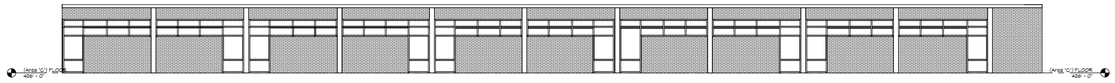

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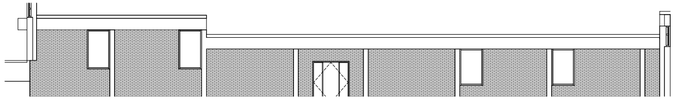

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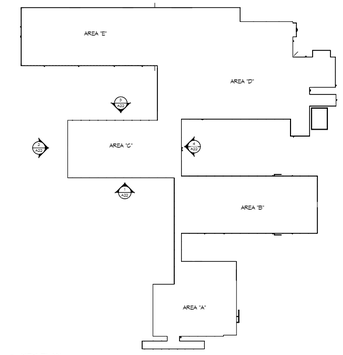

5 KEY PLAN
1/64" = 1'-0"

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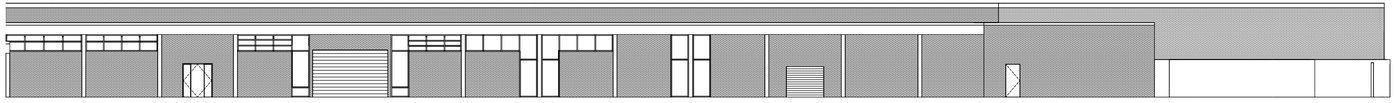
EXISTING ELEVATIONS
AREA D



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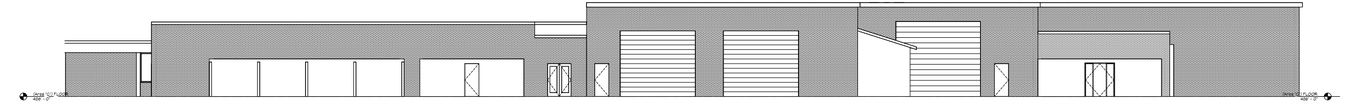
1/8" = 1'-0"



3 EAST ELEVATION
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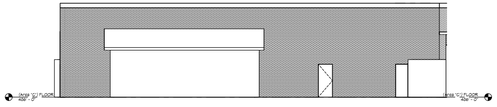

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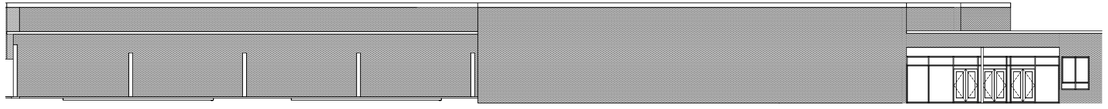
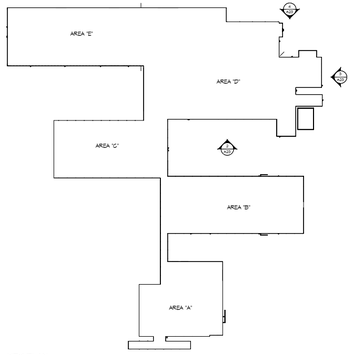


5 PARTIAL NORTH ELEVATION
1/8" = 1'-0"



1 KEY PLAN
1/64" = 1'-0"

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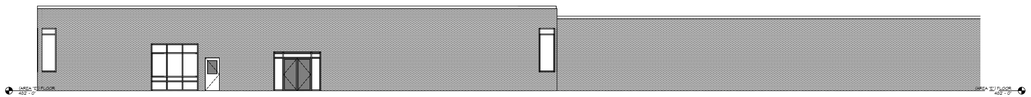
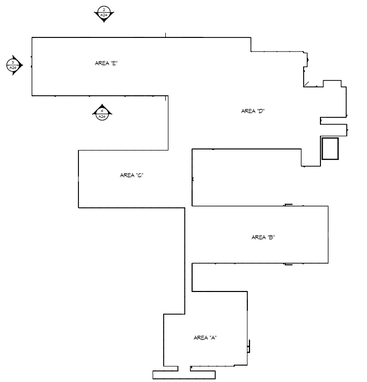
EXISTING ELEVATIONS
AREA E

2 NORTH ELEVATION
1/8" = 1'-0"

4 SOUTH ELEVATION
1/8" = 1'-0"



5 WEST ELEVATION
1/8" = 1'-0"



1 KEY PLAN
1/64" = 1'-0"

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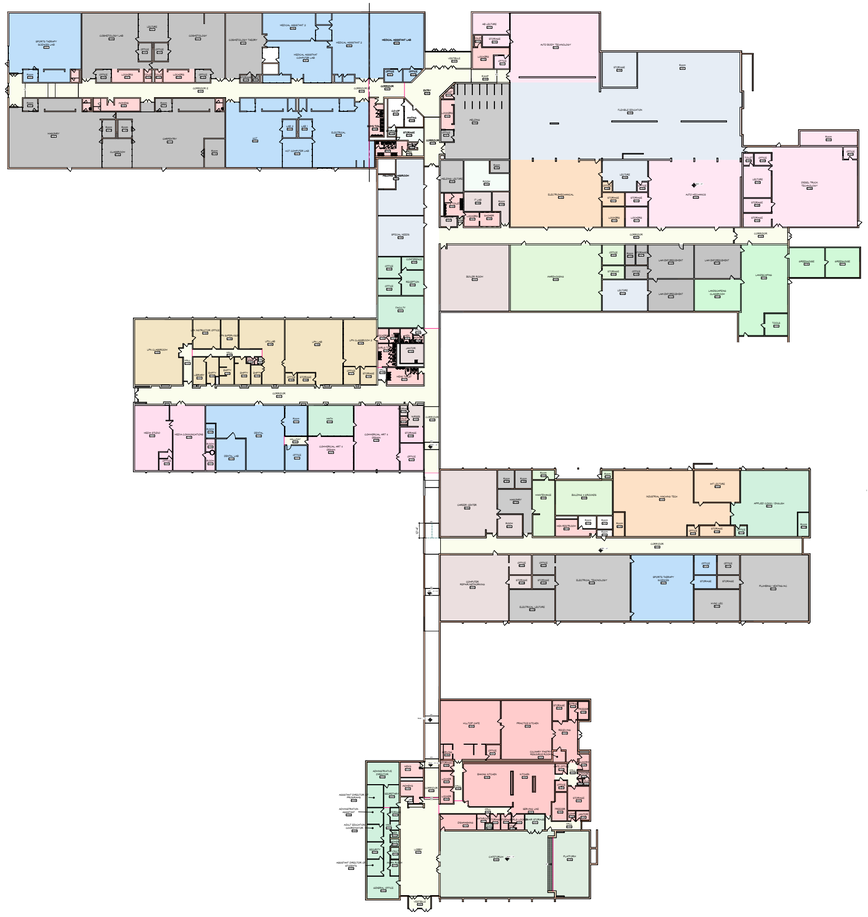
EXISTING PROGRAM OVERALL PLAN



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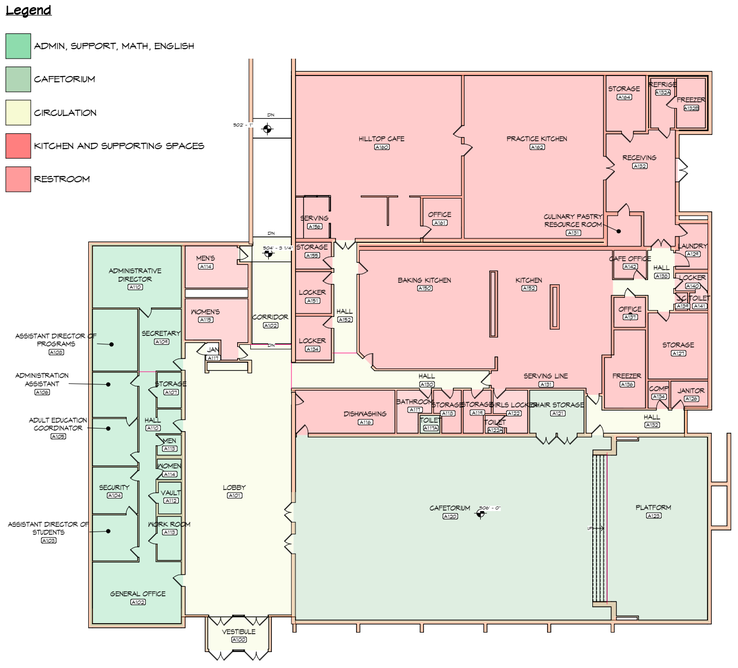
EXISTING PROGRAM AREA A



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EXISTING PROGRAM
AREA B

Legend

- ADMIN, SUPPORT, MATH, ENGLISH
- CIRCULATION
- CONSTRUCTION
- MAINTENCE/STORAGE
- MANUFACTORING
- MEDICAL CLUSTER
- RESTROOM
- SUPPORT

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EXISTING PROGRAM
AREA C

Legend

- ADMIN, SUPPORT, MATH, ENGLISH
- ARTS, IT, AV MOVEMENT
- CIRCULATION
- LPN
- MEDICAL CLUSTER
- RESTROOM
- STORAGE
- SUPPORT

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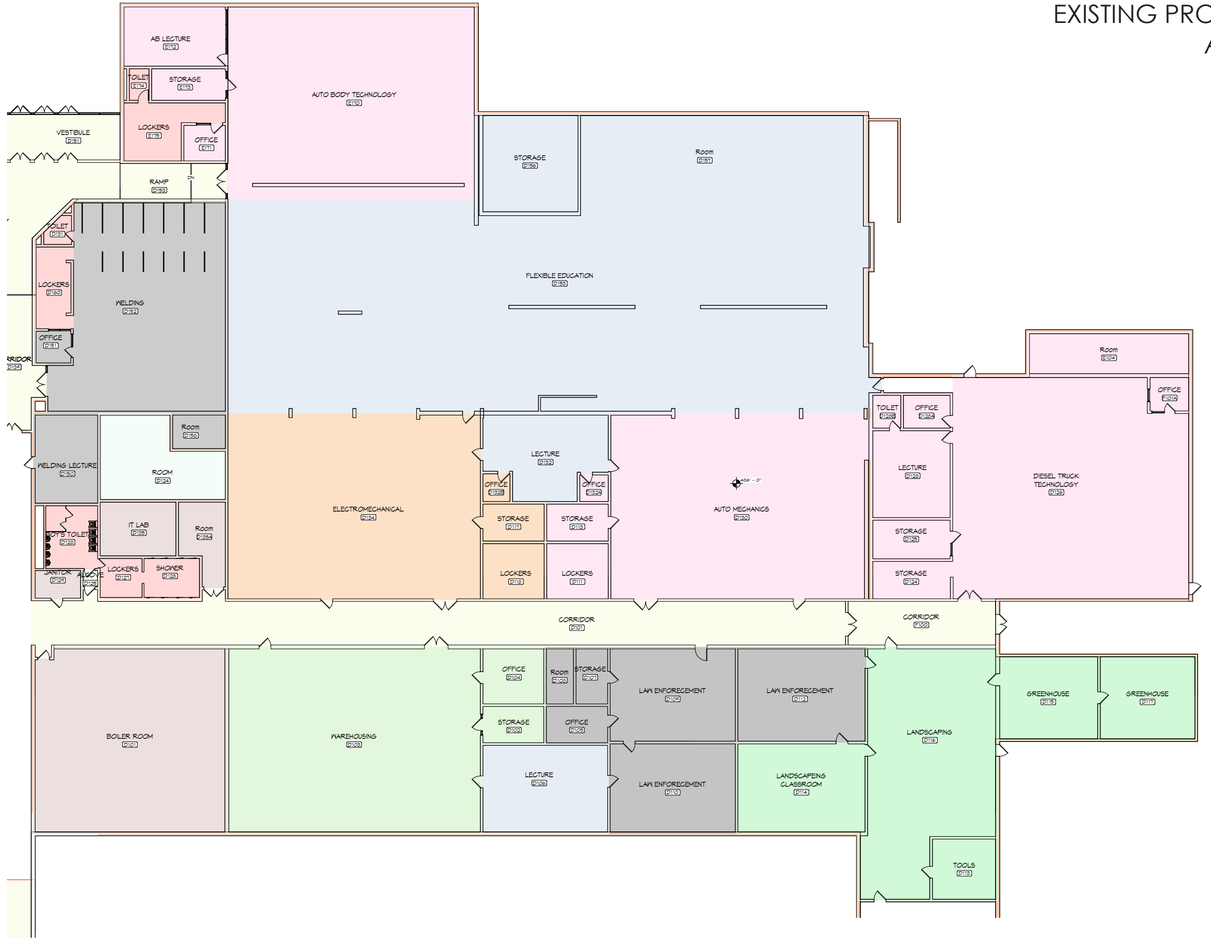
EXISTING PROGRAM AREA D

Legend

- ADMIN, SUPPORT, MATH, ENGLISH
- CIRCULATION
- CLASSROOM
- CONSTRUCTION
- HUMAN SERVICES MOVEMENT
- LANDSCAPING
- LPN
- MAINTENCE/STORAGE
- MANUFACTORING
- MEDICAL CLUSTER
- RESTROOM
- STORAGE
- SUPPORT
- TRANSPORTATION



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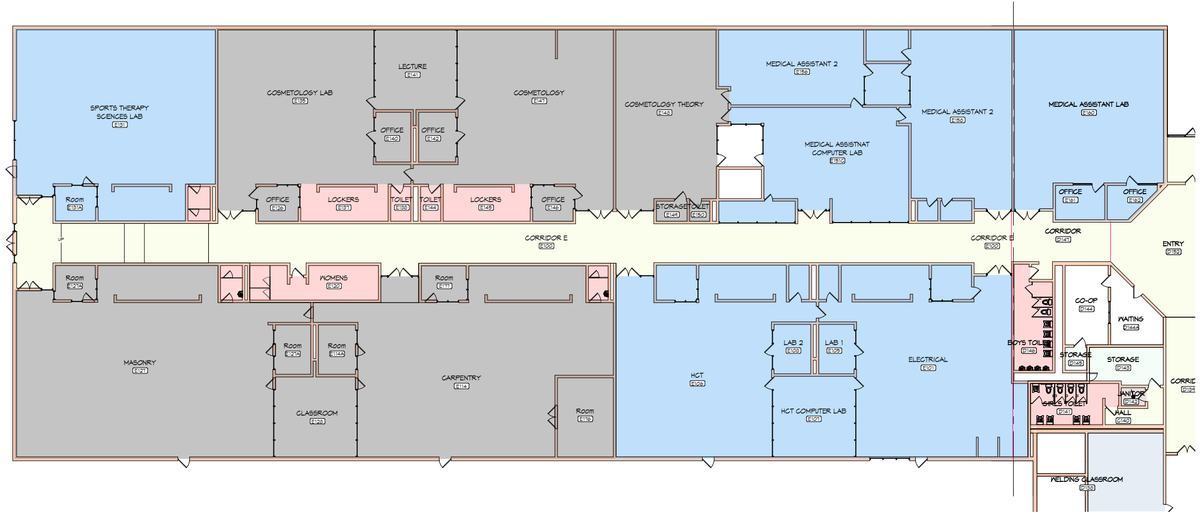
EXISTING PROGRAM
AREA E

Legend

- CIRCULATION
- CLASSROOM
- HUMAN SERVICES MOVEMENT
- MEDICAL CLUSTER
- RESTROOM
- STORAGE
- SUPPORT



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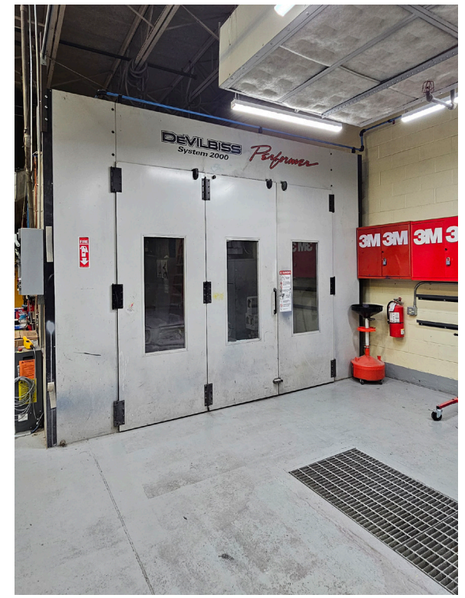
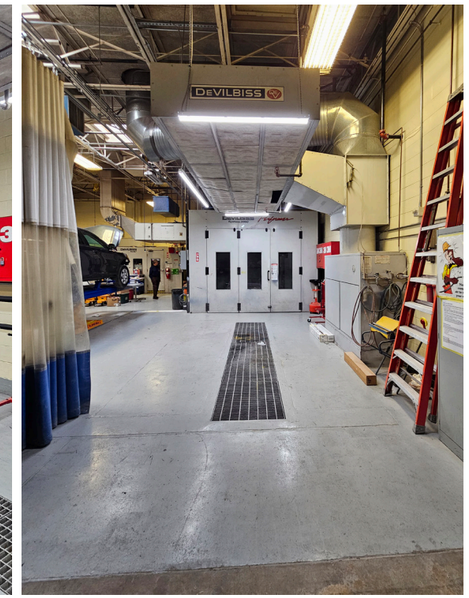
EXISTING CONDITIONS

EXIT

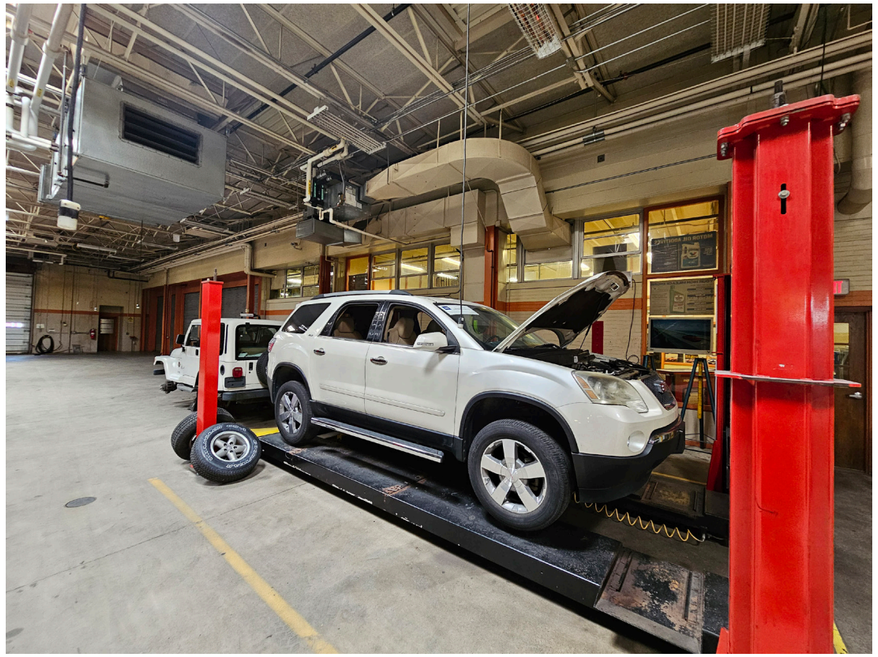
Lebanon County Vo-Tech School
AUTO BODY Shop

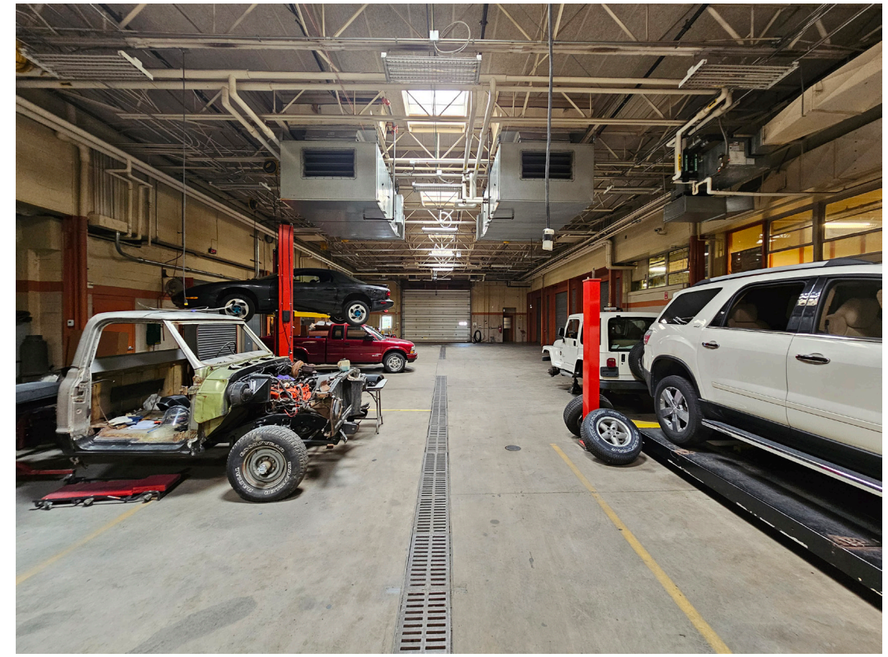
DEVILBISS
Pro-Mix

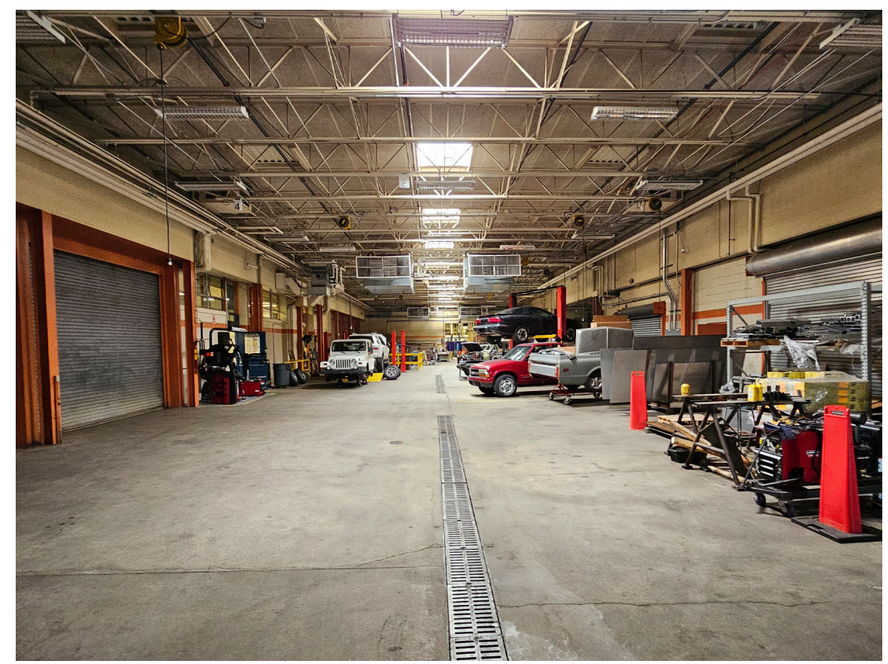

DEVILBISS
System 2000
Performer
3M 3M 3M


DEVILBISS

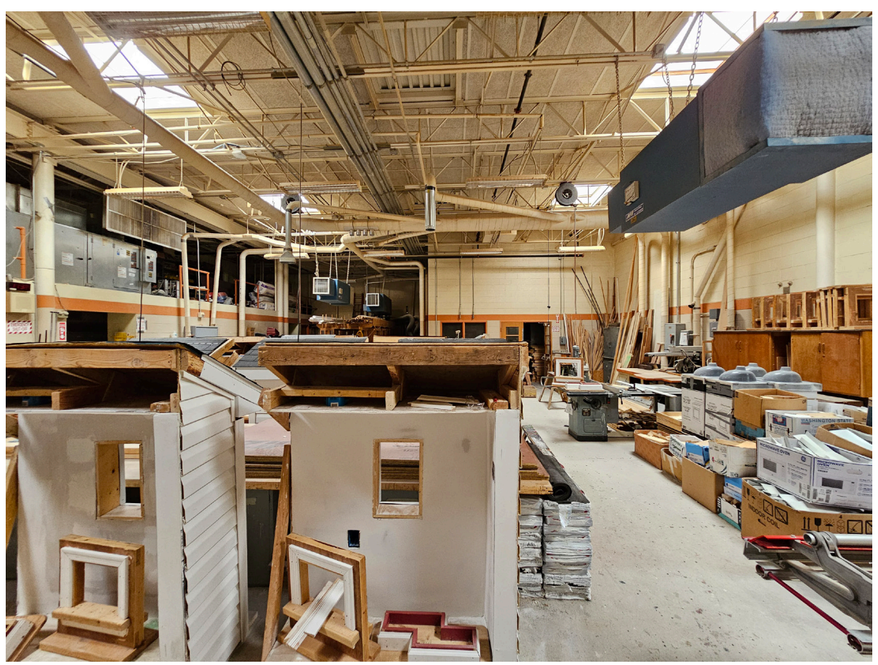
BRUTE



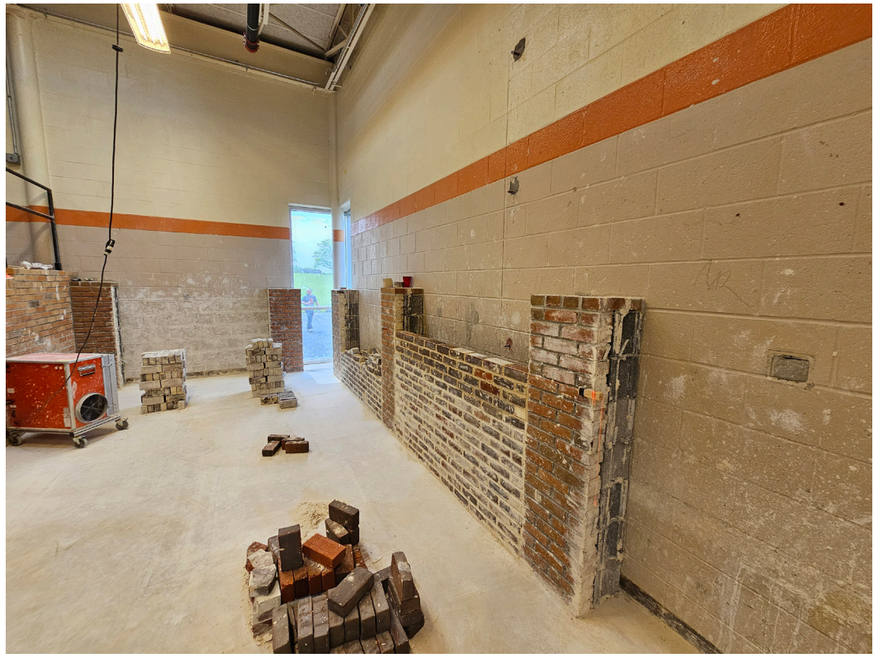


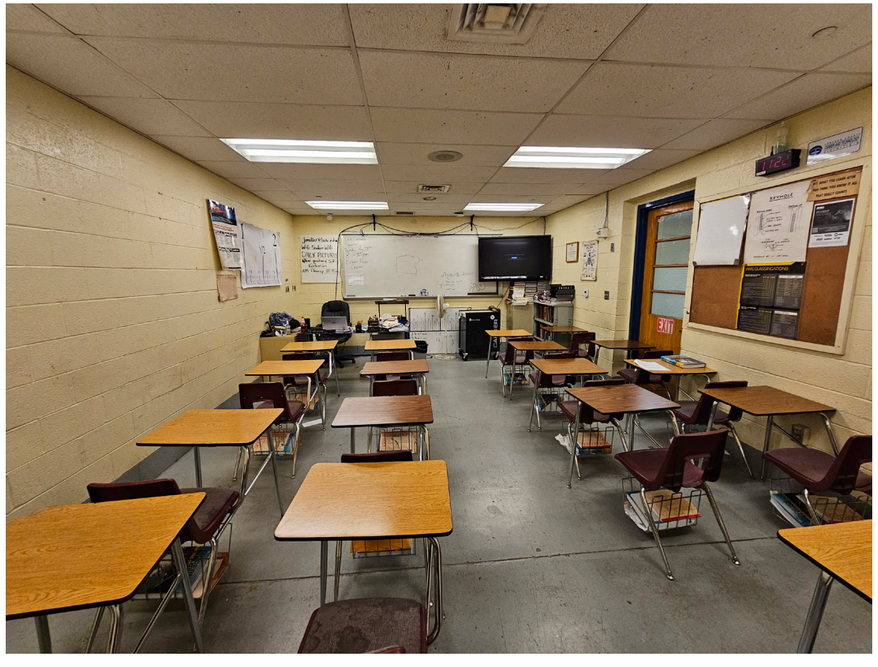


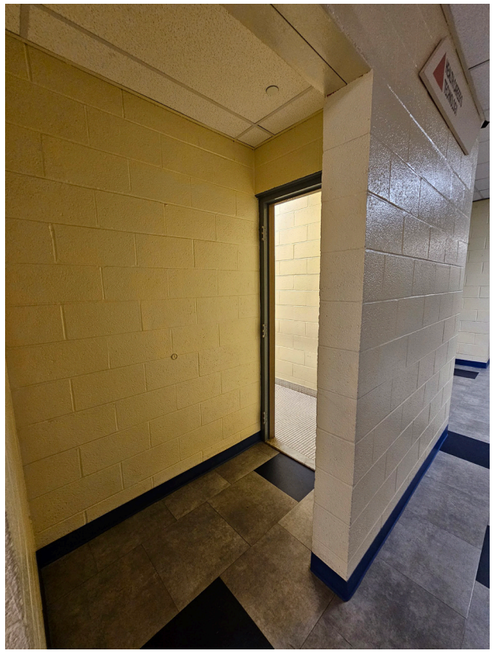
E 128
LECTURE



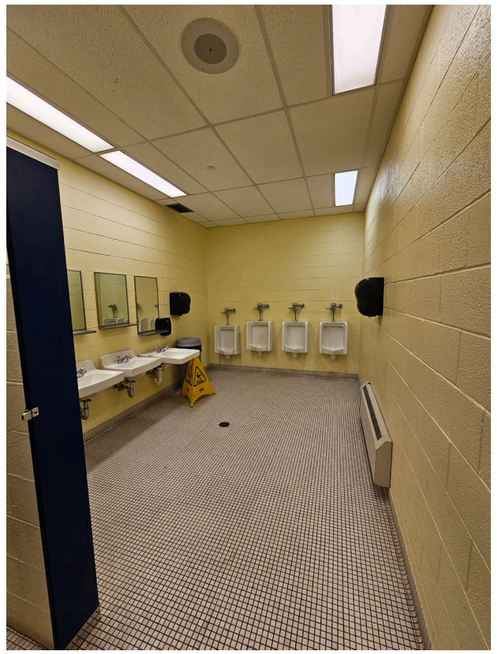
E 128
LECTURE

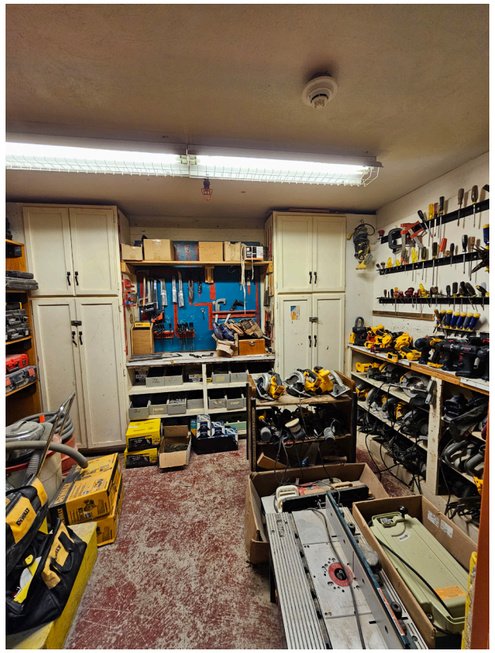






today
is a
good day
to have a
good day





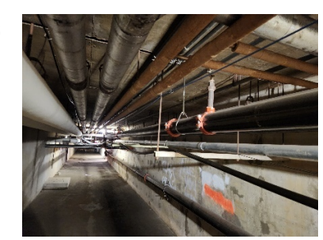
Heating, Ventilation & Air Conditioning (HVAC)

HVAC System:

- The building is served by a four-pipe hot and chilled water heating and cooling system.
- The HVAC systems were partially replaced in a 2008 MEP system construction project. The scope of that project was mainly limited to the central plant equipment, HVAC units, and the controls.
- Most of the piping, ductwork, and specialty exhaust/supply systems were not included in that project and appear to date back to 1966. These systems are well past their expected lifecycle.

- Three Weil McLain cast iron boilers are utilized to provide hot water for heating. These boilers were installed in 2008 and are in good condition. The normal life cycle for cast iron boilers is 30-35 years.
- The Power Flame natural gas/#2 fuel oil burners were installed in 2008 and are in fair condition. They will likely need to be replaced in the next few years as their expected lifecycle is closer to 20 years. When replacement occurs, consideration should be given to upgrading the heating plant to be high efficiency gas only boilers for energy savings.
- The boilers are served by gas and a 10,000-gallon underground fuel oil tank with an oil transfer pump system. The tank and pump were installed in 2008 and are in good condition. If high efficiency boilers are used, then the tank and pump system should be removed.

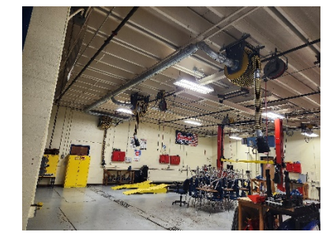
- Duplex hot water pumps circulate hot water throughout the school. These pumps were installed in 2008 and are in good condition but nearing the end of their 20-year expected lifecycle.
- The chiller and the chilled water pumps were recently installed and are in good condition. This cooling plant should provide another 18-20 years of effective use and can be retained.



- A refrigerant leak detection system is installed to alarm the users in the event of a refrigerant leak in the mechanical room. This system was recently installed and is in excellent condition.
- The piping system is 58 years old and well beyond its expected lifecycle. While reuse may be possible, dependent on pipe testing, obtaining another 20 years out of this system is highly improbable. We would recommend that the piping and valves be replaced as part of any future renovation.

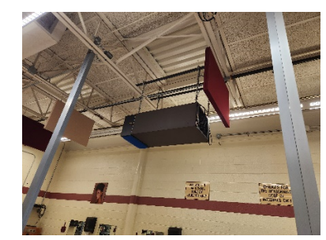
- Portions of the pipe insulation were replaced in the 2008 project. This would be replaced as part of any pipe replacement project.
- Many of the HVAC valves throughout are original. It was noted that some of the valves no longer hold, making service and maintenance difficult. Even if the pipe is retained, we recommend that valves be replaced when a comprehensive upgrade occurs.
- Some of the spaces are heating only and do not have cooling. Related spaces include automotive, diesel trucks, carpentry, masonry, and welding. These areas should be further evaluated to determine if cooling is required.
- Hot water cabinet heaters, wall fin, and unit heaters are utilized in toilet rooms, vestibules, lobbies, and storage rooms. All were found to be in good to fair condition.
- Heat in the corridor is not adequate and needs to be upgraded. New systems should be provided to distribute both heating and cooling in these spaces.
- The air handlers, fan coils, and unit ventilators throughout were installed in 2008 and found to be in fair condition. While they do have some service life remaining, replacement should be considered as they are nearing lifecycle. In addition, repurposing the rooms will likely require modifications to airflow and loads.
- The systems do not provide the ability to actively dehumidify spaces. This feature should be added to future systems to improve the operating conditions.
- The Media Communications area is served off packaged rooftop units. Sizing of the units should be evaluated due to the extensive amount of heat generating equipment in the space. These units are at or beyond their typical lifecycle and should be replaced.
- The MDF room utilizes rack cooling units as well as mini split air conditioners. All were reported to be in good working order.
- IDF rooms are not currently conditioned. We recommend these areas be conditioned.
- The heating and ventilating system in the greenhouse needs total upgrade.
- Many of the general use exhaust fans were replaced in 2008 and are in good condition., however some do not appear to be sized in accordance with current ventilation airflow standards.

- The kitchen hoods and fans are not up to current standards. They also do not employ current energy saving strategies and the related controls.
- Specialty exhaust systems for spray booths, wood dust, welding, etc. are in fair to poor condition and should be upgraded. Some of these systems are not functional and in need of immediate replacement. Most do not comply with current codes and standards.
- Specifically, the carpentry shop and the masonry shop ventilation systems are inadequate and need complete upgrade.
- The automotive area has a Plymovent system for fume exhaust that appears to be in very good condition.



Recommendations:

- Replace the HVAC piping systems including valves.
- Consider replacing the boilers and pumps for added energy savings. Remove the underground oil tank along with the boiler replacement.
- Consider replacement of the HVAC units.
- Consider adding air conditioning to areas that are currently heating only.
- Provide air conditioning for the IDF rooms.
- Provide new HVAC in the corridors and lobbies.
- Upgrade the greenhouse heating and ventilating system.
- Upgrade the general exhaust systems to meet current standards.
- Replace the kitchen ventilation systems.
- Replace or upgrade the failed or non-compliant specialty exhaust systems – dust collection, paint spray booths, welding exhaust, etc. Provide new systems where they do not exist.

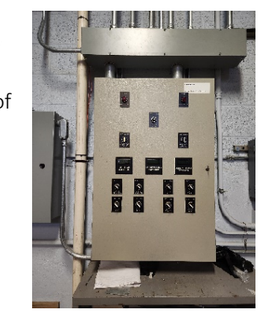


Automatic Temperature Controls:

- The building was originally Siemens but was updated to be controlled by a central Conexus electronic control system.
- While the system is functioning, we recommend it be upgraded as part of any future renovation.

Recommendations:

- Upgrade the DDC system components as well as the software.
- Provide added energy management capabilities.
- Monitor the electric gear and the generator through the DDC system.



Plumbing

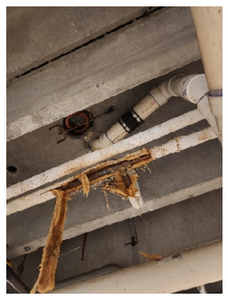
Sanitary and Storm Sewer System:

- The school is connected to the public sewer system.
- The pipe materials include PVC, Cast Iron, and Terracotta piping. Most of the Cast Iron and Terracotta pipes are 58 years old and from the original building construction.
- The LCCTC noted that they have had multiple sanitary line failures and flow difficulties. They are working with the Civil Engineer on liners and the replacement of some of the pipes.
- Knowing the challenges and observed difficulties, we highly recommend that the sanitary piping within the building be video scoped to better determine the condition. It can be assumed that much of the pipe will need to be replaced.
- The kitchen grease traps and pipes need to be upgraded to meet current codes and standards.
- Several of the drains in showers rooms that were turned to storage rooms have sewer gas issues due to dry traps. These drains should be removed or sealed to prevent sewer gas from escaping.
- The LCCTC did not indicate any concerns with storm drain pipes, but they too are 58 years old and should be scoped to determine actual condition.

Recommendations:

- Scope sewer and storm drain piping systems to determine their condition and to quantify the extent of the replacement needs.
- Replace the grease traps and related grease lines so they meet current codes and standards.
- Resolve the sewer gas issues in the unused floor drains.

Domestic Water System:



- The school is served off a public water service. The domestic service is adequate for the school's needs. There were not any observed or noted issues.
- The piping system was reported to be in good condition with no known pipe issues, but it is 58 years old. We recommend that pipe samples be taken to visually inspect the wall thickness and projected remaining life of the pipe.
- Plumbing valves throughout are original. It was noted that some of the valves no longer hold, making service and maintenance difficult. We recommend that key valves be replaced when a comprehensive upgrade occurs.
- The domestic water system, primarily in the office space, is showing signs of corrosion. The water in these areas is discolored and appears to have sediment. While it has reportedly been tested, there is clearly an issue that needs to be addressed. This requires further testing and investigation.

Recommendations:

- Remove pipe sections for internal inspection to determine the condition and to quantify the extent of the domestic water pipe replacement needs.
- Replace strategic plumbing valves for improved maintenance serviceability.

- Investigate the discolored water issues in the office area and better determine and address the cause.

Domestic Water Heating System:

- Primary domestic hot water is developed by a high efficiency gas fired water heater and storage tank. The water heater was installed in 2011 and the tank was installed in 2008. Both were found to be in good condition, but the system does not have any backup capabilities. We highly recommend a redundant system so that the school can continue to operate even if a water heater fails.
- A separate water heating system is provided for the Kitchen area. This unit is 16 years old and nearing its lifecycle. It also is a single unit without a backup. We highly recommend a redundant system so that the kitchen can continue to operate even if a water heater fails.

Recommendations:

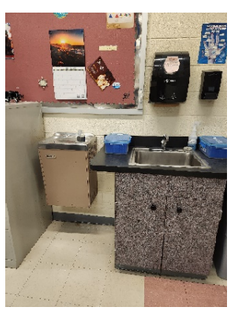
- Replace the domestic water heater plants with redundant systems.

Plumbing Fixtures:

- Plumbing fixtures throughout appear to be in fair to poor condition. Many are original and beyond lifecycle.
- Water closets and urinals utilize manual flush valves.
- Lavatories utilize manual faucets.
- Most of the fixtures are not ADA compliant.
- Water coolers are aged and in need of replacement. They do not meet ADA standards.

Recommendations:

- Replace aged fixtures and fittings.
- Upgrade fixture to ADA.



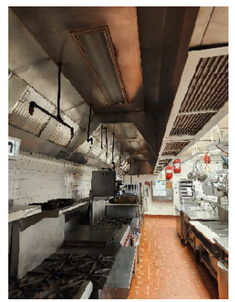
Compressed Air System:

- There is an extensive compressed air system in the school. The system is fed from multiple air compressors. The air compressors are aged and in need of replacement.
- The condition of the pipe is unknown. We recommend taking pipe samples to verify the condition and to evaluate the potential of reuse.

Recommendations:

- Replace the air compressors and air dryers.
- Remove pipe sections for internal inspection to determine the condition and to quantify the extent of the compressed air pipe replacement needs.

Sprinkler System:



- A fire sprinkler system was added in 2008 and found to be in good condition.
- The kitchen hoods utilize separate suppression systems. These systems should be replaced when the hoods are upgraded.

Recommendations:

- Modify the sprinkler system based on repositioning or floor plan modifications.
- Replace the hood suppression systems when the hoods are replaced.

Electrical

Electrical Distribution System:

- The existing electrical service is 480/277-volt, 3-phase, 4-wire, and fed from an exterior utility pad mounted transformer. The service entrance distribution switchboard has a 4000-amp bus with 3500-amp main fused switch. There is ground fault protection on the main fused switch.
- Dry-type transformers are used to step down voltage to 208/120-volt.
- 480/277-volt and 208/120-volt branch circuit panelboards provide power throughout the building. Circuit breakers are still available for the existing panelboards.
- Electrical distribution equipment was manufactured by Schneider/Square D and installed in the 2008 renovation project. It appears to be in good condition.
- Obsolete customer meters are located on the switchboards. One customer meter display is malfunctioning. Meters are not connected to the Building Automation System (BAS).
- A Schneider/Square D AV 5000 Capacitor System is connected to the main switchboard for power factor correction, and appears to be in good condition.
- Feeder wiring and raceways appear to be in good condition.

Recommendations:

- Provide Schneider/Square D inspection and maintenance of existing switchgear and capacitor equipment to determine if any breakers, switches, or devices are obsolete or in need of repair/upgrade. Replace switchgear and capacitor components as recommended by the manufacturer.
- Upgrade electrical distribution equipment to meet current code requirements with any building wide renovations.
- Inspect electrical equipment connections including thermal imaging, visual inspection and wire connection torque values confirmed with manufacturer's requirements.
- Follow the manufacturer's recommended maintenance requirements.

Emergency Power

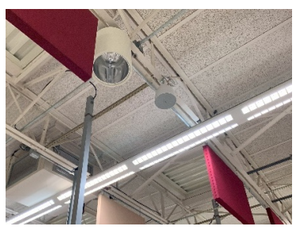
- Emergency power is provided via a Kohler 275kW diesel-powered exterior generator.
- Separate transfer switches are provided for emergency, normal-emergency and optional-standby building loads.
- Split bus panelboards are utilized for emergency and normal-emergency power distribution throughout the building.

- Life-safety egress emergency lighting consists of emergency-only fluorescent ballasts/lamps that operate upon loss of power; some installed inside of “normal lighting” fluorescent luminaires, and some in dedicated emergency-only downlight luminaires.
- Self-contained exit signs installed in the building are AC operation (no battery backup); powered via normal/emergency branch circuits.

Recommendations:
- Perform inspection and maintenance of existing generator and transfer switches to determine if any components are obsolete or in need of repair/upgrade.
- Replace split bus panelboards and emergency-only fluorescent egress lighting with LED type fixtures connected to normal/emergency power sources.

Lighting

- Interior luminaires throughout the building are fluorescent type; utilizing T5, T8, and compact fluorescent lamps.
- Exterior building mounted and pole mounted lighting is HID and fluorescent type luminaires.
- A Lutron lighting controls is provided in the building. It appears to be in good condition, but does not meet current energy code requirements for automatic switching, daylight harvesting, and dimming.



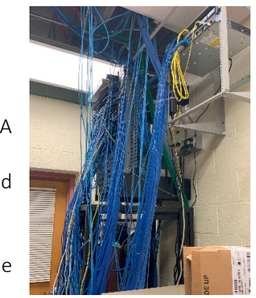
Recommendations:
- Replace all interior and exterior lighting throughout the building with LED type luminaires.
- Provide a new lighting control system in compliance with current energy code requirements.

Power

- The wiring devices are from the 2008 renovation project and are in fair to good condition.
- Receptacles do not meet current codes which require tamper-resistant type devices in educational buildings.
- Non-GFCI type receptacles are installed in several locations where current codes require ground fault protection.
- The wiring appears to be in good condition.

Recommendations:
- Receptacles should be replaced with tamper-resistant type for any building renovations.
- Wiring devices and branch circuit wiring should be reviewed and updated as needed with any building renovations.
- Devices should be changed to GFCI type where required for personnel protection by current codes.

Data/Communication/Technology

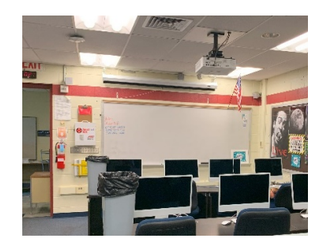


- Category 5 cables/jacks and Wi-Fi wireless access devices are used throughout the building and appear in fair to good condition.
- Fiber optic backbone cabling between the MDF and IDFs has recently been upgraded.
- Several IDF racks are located in unconditioned rooms, and some racks do not have Uninterruptible Power Supplies (UPS) installed.
- A VoIP phone system is used in the building.
- An analog Paging/Intercom system is used in the building and is original to the 2008 renovation. This system is aging and service parts may soon become difficult to obtain.
- Digital clocks with wireless correction are used throughout the building. They are original to the 2008 renovation project. The system appears in fair condition.

Recommendations:
- Upgrade horizontal cabling and jacks to Category 6. Consider Category 6A for wireless access point cabling
- Remove existing abandoned telecommunications systems equipment and cables. This is a code requirement.
- Upgrade the obsolete Intercom system with a newer IP-based system.
- Replace the clock system with a network-based master clock and upgrade clocks with newer technology devices.

Audio/Visual

- Classrooms contain a mix of ceiling-mounted projectors with pull-down projection screens, smartboards with short-throw projectors, and wall-mount displays. Teachers have input stations at their desks. Much of the equipment is dated with older AV connection types.
- Voice amplification systems are used in many spaces with wall or ceiling mounted speakers.
- The local AV system in the Cafetorium was installed in the 2008 renovation, and equipment, connectors, and cabling are outdated.
- There appears to be abandoned cables and equipment that are no longer in use in this building.



Recommendations:
- Upgrade the existing learning areas and Classrooms with newer A/V technology systems and wiring systems. Standardize classroom technology solutions to avoid multiple equipment types and outlet/wiring.
- Provide an upgraded local AV system in the Cafetorium.
- Remove abandoned or existing low-voltage cables and associated equipment when no longer needed or in use.

Fire Alarm

- A voice-based Siemens FireFinder XLS panel is used in this building. The panel, installed in the 2008 renovation, is an addressable system with speaker/strobe notification devices and appears to be in fair condition.
- Remote monitoring is provide by Kistler O'Brien via copper POTS communication.
- The Owner has been replacing smoke detectors with upgraded technology type devices as old devices fail.

Recommendations:

- Provide manufacturer inspection of existing Fire Alarm system to determine if any equipment or devices are obsolete or in need of repair/upgrade. Replace components as recommended by the manufacturer.
- Carbon monoxide sensors should be installed in areas where fuel combustion occurs inside the building.

Security

- A partial intrusion system is installed in the building; comprised of position switches on exterior doors.
- Access card readers are in use at selected exterior doors. The access control system is a Sonitrol/Securitas system that needs to be upgraded.
- An audio-visual intercom system is being used at the main entrance, but remote release of the door failed at time of site visit.
- IP-based surveillance cameras are in use at interior and exterior locations.

Recommendations:

- Replace Intrusion and Access Control systems throughout to meet the School District and any future renovation requirements.
- Provide new audio-visual intercom system and door hardware at main entry.
- Provide data drops for additional surveillance cameras at interior and exterior locations as required by the Owner.

DEVOPAR CONSULTING
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Executive Summary

The Lebanon County Career and Technology Center sought a qualified consulting firm to conduct a comprehensive professional feasibility study for the renovation of their existing 166,000 square foot facility and the possibility of an addition to their career and technical school. This renovation aims to improve learning environments, upgrade infrastructure, and create modern functional spaces conducive to career focused education. This initiative will enhance and expand current program offerings, emphasizing high skill, high priority and in demand programs. The feasibility study should include a review of the current 22 program offerings and assess their alignment with career pathways. The study should explore the integration of new programs that align with emerging industry demands.

Devopar Consulting Company has partnered with Beers + Hoffman Architecture to study the LCCTC's current program offerings, future programs that they would like to implement, and programs that students have suggested for the future.

Part A:

Part A includes the following indicators of the current LCCTC programming:

- School Enrollment Trends
- Program Enrollment Trends
- Post-Secondary Plans
- Trends about sending school districts
- Career outlook for program graduates in Pennsylvania through 2032
- Education needed
- Career outlook for program graduates in Berks and Lancaster Counties and the South-Central Region through 2030
- Salary range for the program's occupation and related occupations.
- Student perceptual data
- Commendations of the program
- Recommendation for the program

Part B:
Part B includes the following indicators for future programs that the LCCTC would like to add to their program of studies:

- Career outlook for program graduates in Pennsylvania through 2032
- Education needed
- Career outlook for program graduates in Berks and Lancaster Counties and the South-Central Region through 2030
- Salary range for the program's occupation and related occupations.
- Commendations of the program
- Recommendation for the program

Part C:
Part C includes the following indicators for high interest programs that students have requested through their exit surveys:

- Career outlook for program graduates in Pennsylvania through 2032
- Education needed
- Career outlook for program graduates in Berks and Lancaster Counties and the South-Central Region through 2030
- Salary range for the program's occupation and related occupations.
- Commendations of the program
- Recommendation for the program

Through Devopar's partnership with Beers + Hoffman Architecture, the current and future needs of the LCCTC program are shaping the plans for renovation of the Lebanon County Career and Technology Center. It is the intention of the updated facilities to continue providing students with the skills, knowledge, and understanding necessary to obtain employment, advance in careers, pursue postsecondary education, and enrich their lives.

LEBANON COUNTY CAREER AND TECHNOLOGY C·E·N·T·E·R

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Part A:
Analysis of Current LCCTC Programs

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Automotive
Carpentry
Communication Arts
Culinary Arts
Dental Assistant
Diesel Truck,
Electrical
Electromechanical
Health Careers,
Landscape & Horticulture
Law Enforcement, Masonry
Media Communication
Network Technology
Pastry Arts
Plumbing Precision Machining
Sports Therapy
Welding

Please note if there is an "N/A" there was no data available to report

Auto Body Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Auto Body program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	11	100%	11	100%
2022-2023	10	90%	8	80%
2023-2024	12	100%	9	75%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	8	0	0	0	6	0	0	1	1
2023	5	0	0	1	3	1	0	0	0
2024	10	0	1	1	5	0	1	1	1

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Auto Body students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Auto Body Students	2022-2023 number of Auto Body Students	2023-2024 number of Auto Body Students
Annville Cleona SD	2	2	1
Cornwall Lebanon SD	9	7	5
Eastern Lebanon SD	7	7	9
Lebanon SD	5	3	5
Northern Lebanon SD	5	4	4
Palmyra SD	2	3	3

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Auto Body Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Auto Body careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 49-3023, 13-1031, 49-1011, 49-9071]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	36,780 positions	3,142 positions	$33,390	$50,380	$58,750
Pathway Professions Related to Auto Body						
Claims Adjusters, Examiners & Investigators	Long Term On the Job Training	12,640 positions	803 positions	$46,980	$73,820	$87,040
Supervisors – Mechanics, Installers & Repairer	Work Experience	23,240 positions	1,942 positions	$49,940	$76,130	$89,040
Maintenance & Repair Workers, General	Moderate Term On the Job Training	63,780 positions	5,847 positions	$32,690	$48,970	$56,980

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Auto Body Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	4,150 positions	407 positions	$32,900	$48,510	$56,320
Automotive Body & Related Repairers (49-3021)	Long Term On the Job Training	930 positions	91 positions	$37,230	$51,410	$58,490
Pathway Professions Related to Auto Body						
Claims Adjusters, Examiners & Investigators	Long Term On the Job Training	1,690 positions	125 positions	$46,380	$71,160	$83,540

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	1,890 positions	185 positions	$35,780	$50,320	$57,480
Automotive Body & Related Repairers (49-3021)	Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Auto Body						
Claims Adjusters, Examiners & Investigators	Long Term On the Job Training	250 positions	19 positions	$50,260	$76,110	$88,830
Supervisors – Mechanics, Installers & Repairer	Work Experience	1,110 positions	103 positions	$52,430	$74,540	$85,430
Maintenance & Repair Workers, General	Moderate Term On the Job Training	2,800 positions	315 positions	$31,770	$48,630	$56,940

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Auto Body Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source: ***State Budget 2024***

Supervisors – Mechanics, Installers & Repairer	Work Experience	2,590 positions	244 positions	$49,470	$73,680	$85,780
Maintenance & Repair Workers, General	Moderate Term On the Job Training	6,450 positions	719 positions	$33,800	$49,170	$56,860

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	1,010 positions	100 positions	$35,690	$50,390	$57,620
Automotive Body & Related Repairers (49-3021)	Long Term On the Job Training	270 positions	26 positions	$36,750	$50,670	$57,530
Pathway Professions Related to Auto Body						
Claims Adjusters, Examiners & Investigators	Long Term On the Job Training	360 positions	27 positions	$47,530	$73,400	$86,150
Supervisors – Mechanics, Installers & Repairer	Work Experience	710 positions	65 positions	$53,420	$77,580	$89,470
Maintenance & Repair Workers, General	Moderate Term On the Job Training	2,160 positions	213 positions	$35,270	$51,700	$59,800

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	1,890 positions	185 positions	$35,780	$50,320	$57,480
Automotive Body & Related Repairers (49-3021)	Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Auto Body						
Claims Adjusters, Examiners & Investigators	Long Term On the Job Training	250 positions	19 positions	$50,260	$76,110	$88,830
Supervisors – Mechanics, Installers & Repairer	Work Experience	1,110 positions	103 positions	$52,430	$74,540	$85,430
Maintenance & Repair Workers, General	Moderate Term On the Job Training	2,800 positions	315 positions	$31,770	$48,630	$56,940

Data Source BY COUNTY: 2024 High Priority Occupations for Lancaster County Workforce Development Area

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Auto Body Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source: State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Auto Body Program.

Question	2022 (*n* = 8)	2023 (*n* = 5)	2024 (*n* = 10)
Yes, I feel technically prepared to continue my education.	37.5%	100%	60%
Yes, I will pursue advanced education or a job in this field.	75%	60%	60%
Yes, I had a positive learning experience at the CTC.	87.5%	100%	90%
I rate the safety of the learning environment at the CTC as either excellent or good.	50%	100%	90%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	72.5%	100%	80%
The CTC provided an excellent or good foundation in the use of technology.	50%	100%	90%
My teachers were excellent or good at holding high standards for quality work.	62.5%	100%	80%
I rate my overall learning experience at the CTC as either excellent or good.	62.5%	100%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Auto Body Program was rated high quality by all seniors in 2023 (lower ratings were earned in 2022 and 2024 for all categories).
- The overall performance of Auto Body Program students ranges from average to high in the areas of skill competencies and NOCTI testing.
- The outlook for the need of Auto Body services in the state of Pennsylvania, including Berks, Lancaster counties, and the South Central region, is consistent and there is room for advancement in the field.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Females & African American students).

Recommendations
The Auto Body program primarily serves male students, however, in recent years, there has been an increase in female students. The background of most students in the program is Caucasian and Hispanic. Explore opportunities to attract students from other ethnic, gender, and race to the field of Auto Body. Student perceptual data is erratic in 2022 and 2024. Consider a root cause analysis to determine the program's effectiveness. Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.

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Automotive Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Automotive program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	15	93%	14	93.3%
2022-2023	11	100%	11	100%
2023-2024	7	100%	5	71.4%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	2	0	0	0	1	0	0	1	0
2023	11	2	0	3	3	0	0	2	1
2024	5	0	0	1	4	0	0	0	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Automotive students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Automotive Students	2022-2023 number of Automotive Students	2023-2024 number of Automotive Students
Annville Cleona SD	5	3	1
Cornwall Lebanon SD	10	8	5
Eastern Lebanon SD	6	8	4
Lebanon SD	5	4	6
Northern Lebanon SD	4	4	3
Palmyra SD	3	3	4

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Automotive Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Automotive careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 49-1011, 49-3023, 49-9021, 49-1011, 49-9041, 47-9071, 53-3054]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	36,780 positions	3,142 positions	$33,390	$50,380	$58,750
Heating, A/C & Refrigeration Mechanics & Installers	Post Secondary Training and Some Work Experience	19,970 positions	1,719 positions	$41,050	$58,920	$67,730
Pathway Professions Related to Automotive						
Supervisors – Mechanics, Installers & Repairer	Work Experience	65,780 positions	6,097 positions	$43,970	$65,900	$76,710
Industrial Machinery Mechanics	Long Term On the Job Training	21,940 positions	1,866 positions	$45,120	$61,370	$69,380
Maintenance & Repair Workers, General	Moderate Term On the Job Training	63,780 positions	5,847 positions	$32,690	$48,970	$56,980
Taxi Drivers	Short Term On the Job	5,360 positions	573 positions	$23,080	$34,340	$39,890

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Automotive Career Outlook by Regions/Counties

Data Source BY REGION: ***2024 High Priority Occupations for South Central Workforce Development Area***

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	4,150 positions	407 positions	$32,900	$48,510	$56,320

Heating, A/C & Refrigeration Mechanics & Installers	Post Secondary Training and Some Work Experience	1,760 positions	172 positions	$42,660	$57,710	$65,240
Pathway Professions Related to Automotive						
Supervisors – Mechanics, Installers & Repairer	Work Experience	2,590 positions	244 positions	$49,470	$73,680	$85,780
Industrial Machinery Mechanics	Long Term On the Job Training	3,250 positions	317 positions	$46,660	$61,400	$68,780
Maintenance & Repair Workers, General	Moderate Term On the Job Training	6,450 positions	719 positions	$33,800	$49,170	$56,860
Taxi Drivers	Short Term On the Job	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Automotive Service Technicians & Mechanics	Post Secondary Training	1,010 positions	100 positions	$35,690	$50,390	$57,620
Heating, A/C & Refrigeration Mechanics & Installers	Post Secondary Training and Some Work Experience	460 positions	43 positions	$42,160	$58,640	$66,760
Pathway Professions Related to Automotive						
Supervisors – Mechanics, Installers & Repairer	Work Experience	710 positions	65 positions	$53,420	$77,580	$89,470
Industrial Machinery Mechanics	Long Term On the Job Training	1,320 positions	125 positions	$49,390	$63,980	$71,160
Maintenance & Repair Workers, General	Moderate Term On the Job Training	2,160 positions	213 positions	$35,270	$51,700	$59,800
Taxi Drivers	Short Term On the Job	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Supervisors – Mechanics, Installers & Repairer	Work Experience	1,110 positions	103 positions	$52,430	$74,540	$85,430
Automotive Service Technicians & Mechanics	Post Secondary Training	1,890 positions	185 positions	$35,780	$50,320	$57,480
Heating, A/C & Refrigeration Mechanics & Installers	Post Secondary Training and Some Work Experience	1,230 positions	129 positions	$42,440	$58,430	$66,310
Pathway Professions Related to Automotive						
Industrial Machinery Mechanics	Long Term On the Job Training	1,180 positions	114 positions	$44,610	$60,020	$67,620
Maintenance & Repair Workers, General	Moderate Term On the Job Training	2,800 positions	315 positions	$31,770	$48,630	$56,940
Taxi Drivers	Short Term On the Job	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Automotive Program

One (2) Teachers for 2024/2025: Instructional Cost (Salary & Benefits): approximately $232,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Automotive Program.

Question	2022 (*n* = 2)	2023 (*n* = 11)	2024 (*n* = 5)
Yes, I feel technically prepared to continue my education.	100%	72.7%	80%
Yes, I will pursue advanced education or a job in this field.	100%	72.7%	100%
Yes, I had a positive learning experience at the CTC.	100%	72.7%	80%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	90.9%	80%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	50%	36.4%	80%
The CTC provided an excellent or good foundation in the use of technology.	100%	72.8%	100%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	100%	45.5%	60%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Automotive Program is rated as high quality by the majority of students.
- The overall performance of Automotive Program students is high in the areas of skill competencies and NOCTI testing.
- The outlook for the need of automotive services in the state of Pennsylvania, including Berks and Lancaster counties, and the South Central region, is consistent and there is room for advancement in the field.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Females & African American students).

Recommendations

The Automotive program primarily serves male students, with a few female students each year. The background of most students in the program is Caucasian and Hispanic. Explore opportunities to attract students from other ethnic, race, and gender groups to the field of automotive.

Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.

Enrollment, Job Outlook, and Student Satisfaction are all strong, expanding the program as facilities allow has potential to draw more students and lessen the waiting list.

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Carpentry Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Carpentry program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	17	100%	16	94%
2022-2023	15	86%	14	93%
2023-2024	17	94%	15	88.2%

Data Source: PIMS
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	11	0	2	0	6	2	1	0	0
2023	13	1	1	1	5	0	4	1	0
2024	13	0	0	0	9	1	2	1	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Carpentry students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Carpentry Students	2022-2023 number of Carpentry Students	2023-2024 number of Carpentry Students
Annville Cleona SD	4	5	6
Cornwall Lebanon SD	9	13	10
Eastern Lebanon SD	2	4	6
Lebanon SD	7	4	6
Northern Lebanon SD	3	2	1
Palmyra SD	8	4	3
Other	0	0	1

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Carpentry Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Carpentry careers from the entry level through the expert level in Pennsylvania.

Position Title and PA SOC Code	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Carpenters 47-2031	HS Diploma and 1 yr. minimum On the Job training	37,940 positions	3,136 positions	$39,770	$59,860	$69,750
Construction Laborers 47-2061	Short or Moderate Term On the Job Training	51,190 positions	4,468 positions	$36,870	$52,290	$59,880
Construction Managers 11-9021	HS Diploma & Bachelor Degree	15,960 positions	1,167 positions	$74,010	$115,790	$136,370

Supervisors – Construction & Extraction Workers 47-1011	HS Diploma and 1 yr. minimum training	29,680 positions	2,386 positions	$55,540	$82,580	$95,900
Pathway Professions Related to Carpentry						
Highway Maintenance Workers 47-4051	Moderate On the Job Training	11,660 positions	1,092 positions	$35,790	$49,180	$55,770
Painters, Construction, & Maintenance 47-2141	Moderate Term On the Job Training	10,380 positions	815 positions	$36,990	$51,570	$58,760
Plumbers, Pipefitters & Steamfitters 47-2152	HS Diploma Long Term On the Job Training	16,680 positions	1,446 positions	$45,890	$69,670	$81,380
Operating Engineers 47-2073	Moderate On the Job Training	24,540 positions	2,095 positions	$42,570	$60,010	$68,610

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Carpentry Career Outlook by Regions/Counties

The following table provides the career outlook for Carpentry careers from the entry level through the expert level by regions and counties.

SOUTH CENTRAL PENNSYLVANIA

Position Title and PA SOC Code	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Carpenters 47-2031	HS Diploma and On the Job training	4,470 positions	421 positions	$40,430	$56,270	$64,190
Construction Laborers 47-2061	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Construction Managers 11-9021	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers 47-1011	HS Diploma and Related Work Experience	3,010 positions	293 positions	$55,670	$79,130	$90,860
Pathway Professions Related to Carpentry						
Painters, Construction, & Maintenance 47-2141	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Highway Maintenance Workers 47-4051	Moderate On the Job Training	1,190 positions	122 positions	$38,380	$49,380	$54,870
Operating Engineers 47-2073	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Plumbers, Pipefitters & Steamfitters 47-2152	HS Diploma and On the Job Training	1,970 positions	206 positions	$44,470	$65,630	$76,200

Data Source: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title and PA SOC Code	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Carpenters 47-2031	HS Diploma and On the Job training	870 positions	81 positions	$40,350	$56,940	$65,110
Construction Laborers 47-2061	Short or Moderate Term On the Job Training	1,200 positions	123 positions	$35,260	$50690	$58,290
Construction Managers 11-9021	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers 47-1011	HS Diploma and Related Work Experience	720 positions	70 positions	$54,680	$79,750	$92,100

Pathway Professions Related to Carpentry						
Highway Maintenance Workers 47-4051	Moderate On the Job Training	270 positions	28 positions	$48,860	$52,050	$57,560
Painters, Construction, & Maintenance 47-2141	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Plumbers, Pipefitters & Steamfitters 47-2152	HS Diploma Long Term On the Job Training	790 positions	82 positions	$43,840	$66,080	$77,020
Operating Engineers 47-2073	Moderate On the Job Training	620 positions	67 positions	$41,020	$56,600	$64,270

Data Source: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title and PA SOC Code	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Carpenters 47-2031	HS Diploma and On the Job training	4,030 positions	377 positions	$39,490	$54,350	$61,670
Construction Laborers 47-2061	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Construction Managers 11-9021	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers 47-1011	HS Diploma and Related Work Experience	1,480 positions	144 positions	$54,510	$77,640	$89,040
Pathway Professions Related to Carpentry						
Highway Maintenance Workers 47-4051	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Painters, Construction, & Maintenance 47-2141	Moderate Term On the Job Training	850 positions	77 positions	$38,420	$49,930	$55,600
Plumbers, Pipefitters & Steamfitters 47-2152	HS Diploma Long Term On the Job Training	1,210 positions	126 positions	$43,030	$62,660	$72,330
Operating Engineers 47-2073	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Carpentry Program.

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00

Data Source: ***State Budget 2024***

Student Satisfaction

The following table reports the historical perception of seniors in the Carpentry Program.

Question	2022 (*n = 11*)	2023 (*n = 13*)	2024 (*n = 13*)
Yes, I feel technically prepared to continue my education.	91%	85%	76.9%
Yes, I will pursue advanced education or a job in this field.	100%	77%	92.3%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	100%	100%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	100%	100%
The CTC provided an excellent or good foundation in the use of technology.	100%	72.8%	69.3%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	100%

I rate my overall learning experience at the CTC as either excellent or good.	100%	100%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Carpentry Program is rated as high quality by most students.
- The overall performance of Carpentry Program students is high in the areas of skill competencies and NOCTI testing.
- The outlook for the need for carpentry services in the state of Pennsylvania is consistent and there is room for advancement in the field.
- The Senior Exit Survey provides excellent information for the school's growth and improvement.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Females & African American students).

Recommendations

- The perceptual data collected on the Senior Exit Survey is very valuable to the school. It is recommended that you continue utilizing that survey for exiting seniors to shape the future of programs.
- A decreasing percentage of students report that they have a strong foundation in the use of technology over the past three years. Consider evaluating and updating technology in this program where appropriate.
- The Carpentry program primarily serves male students. The background of most students in the program is Caucasian and Hispanic. Explore opportunities to attract students from other ethnic, race, and gender groups to the field of carpentry.
- Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Communications Arts Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Communications Arts program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	8	7	7	7
2022-2023	9	8	8	8
2023-2024	17	14	14	13

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	College Post Secondary	Voc/ Tech School	PA Workforce Full Time	PA Workforce Part Time	Workforce	Military
2022	8	1	0	0	0	1	1	0	0
2023	9	2	0	0	0	0	0	0	0
2024	17	0	0	5	0	0	0	2	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Communication Arts students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Communication Arts Students	2022-2023 number of Communication Arts Students	2023-2024 number Communication Arts Students
Annville Cleona SD	3	2	6
Cornwall Lebanon SD	2	9	4
Eastern Lebanon SD	5	4	0
Lebanon SD	1	9	4
Northern Lebanon SD	1	2	0
Palmyra SD	0	4	3

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Communication Arts Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Communication Arts careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 27-0000]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Graphic Designers	HS Diploma & Bachelor Degree	11,370 positions	933 positions	$37,580	$57,800	$67,760
Pathway Professions Related to Media Communications						
Coaches & Scouts	HS Diploma & Bachelor Degree	10,910 positions	1,392 positions	$27,250	$59,240	$74,990

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Communication Arts Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Graphic Designers	HS Diploma & Bachelor Degree	920 positions	84 positions	$37,090	$54,690	$63,490
Pathway Professions Related to Communication Arts						
Coaches & Scouts	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Public Relations Specialists	HS Diploma & Bachelor Degree	1,110 positions	107 positions	$42,610	$70,210	$84,010
Audio & Video Technicians	HS Diploma & Bachelor Degree	270 positions	28 positions	$30,320	$48,760	$57,990

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Graphic Designers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A

Pathway Professions Related to Communication Arts						
Coaches & Scouts	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Public Relations Specialists	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Audio & Video Technicians	Postsecondary Training	80 positions	9 positions	$37,370	$52,450	$59,880

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Graphic Designers	HS Diploma & Bachelor Degree	560 positions	52 positions	$37,020	$51,500	$58,640
Pathway Professions Related to Communication Arts						
Coaches & Scouts	HS Diploma & Bachelor Degree	500 positions	72 positions	$26,450	$51,990	$64,570
Public Relations Specialist	HS Diploma & Bachelor Degree	380 positions	37 positions	$34,470	$56,300	$67,050
Audio & Video Technicians	Postsecondary Training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Communication Arts Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Communications Arts Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	100%	100%	100%
Yes, I will pursue advanced education or a job in this field.	100%	100%	66.7%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	50%	100%	88.9%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	75%	100%	88.9%
The CTC provided an excellent or good foundation in the use of technology.	100%	100%	100%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	75%	100%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Communication Arts Program students indicate on the Student Satisfaction Surveys as having a positive learning experience and feeling technically prepared to continue their education.
- Depending on the region, there is a positive outlook for positions in the future.

Recommendations

- Ensure students are aware of the limits in Communication Arts in the State of Pennsylvania. The opportunities for expertise in Communications Arts appear to be Region specific.
- It is recommended that the school moves forward with the plan to make the Communication Arts Program a 3-year program (from a 2-year program), to ensure that seats are maximized in the program and to increase program completion.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Culinary Arts Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Culinary Arts program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI

Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	16	93.8%	11	68.8%
2022-2023	9	100%	9	100%
2023-2024	16	93.8%	7	75%

Data Source: PIMS, FRPAI

2022 Student Performance Data

2023 Student Performance Data

2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	13	0	4	0	7	1	1	0	0
2023	9	1	0	0	5	0	2	0	1
2024	15	1	5	0	8	0	0	1	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey

Sending District Information

The following table shows the number of Culinary Arts students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Culinary Arts Students	2022-2023 number of Culinary Arts Students	2023-2024 number of Culinary Arts Students
AAP Home District	0	1	0
Annville Cleona SD	1	0	1
Cornwall Lebanon SD	4	3	5
Eastern Lebanon SD	3	0	1
Lebanon SD	4	6	6
New Covenant Christian	0	0	0
Northern Lebanon SD	1	1	0
Palmyra SD	4	7	4
Paloma School	0	0	

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Culinary Arts Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Culinary Arts careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 35-0000]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Cooks, Institution & Cafeteria	Short Term On the Job Training	14,910 positions	2,239 positions	$27,730	$35,750	$39,700
Cooks, Restaurant	Moderate Term On the Job Training	56,390 positions	8,680 positions	$24,610	$32,560	$36,480
Food Batchmakers	Moderate Term On the Job Training	8,640 positions	1,297 positions	$28,130	$41,410	$47,950
Food Preparation Workers	Short Term On the Job Training	20,900 positions	3,705 positions	$21,120	$29,300	$33,320
Pathway Professions Related to Culinary Arts						
Food Service Managers	Work Experience	9,570 positions	1,052 positions	$48,830	$69,540	$79,750
Supervisors – Food Preparation & Serving Workers	Work Experience	41,040 positions	6,039 positions	$29,710	$42,040	$48,090

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Culinary Arts Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Cooks, Institution & Cafeteria	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Cooks, Restaurant	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Food Batchmakers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A

Food Preparation Workers	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Culinary Arts						
Food Service Managers	Work Experience	N/A	N/A	N/A	N/A	N/A
Supervisors – Food Preparation & Serving Workers	Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Cooks, Institution & Cafeteria	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Cooks, Restaurant	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Food Batchmakers	Moderate Term On the Job Training	210 positions	26 positions	$27,440	$37,440	$42,360
Food Preparation Workers	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Butchers & Meat Cutters	Long Term On the Job Training	70 positions	8 positions	$26,530	$36,880	$41,980
Pathway Professions Related to Culinary Arts						
Food Service Managers	Work Experience	290 positions	33 positions	$49,110	$67,690	$76,840
Supervisors – Food Preparation & Serving Workers	Work Experience	1,310 positions	195 positions	$29,350	$40,780	$46,420

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Cooks, Institution & Cafeteria	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Cooks, Restaurant	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Food Batchmakers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Food Preparation Workers	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Culinary Arts						
Food Service Managers	Work Experience	670 positions	79 positions	$45,500	$65,680	$75,620
Supervisors – Food Preparation & Serving Workers	Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Culinary Arts Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Culinary Arts Program.

Question	2022 (*n* = 13)	2023 (*n* = 9)	2024 (*n* = 15)
Yes, I feel technically prepared to continue my education.	53.8%	100%	60%

Yes, I will pursue advanced education or a job in this field.	92.3%	88.9%	100%
Yes, I had a positive learning experience at the CTC.	92.3%	100%	93.4%
I rate the safety of the learning environment at the CTC as either excellent or good.	92.3%	100%	86.7%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	100%	93.3%
The CTC provided an excellent or good foundation in the use of technology.	84.6%	77.8%	73.4%
My teachers were excellent or good at holding high standards for quality work.	100%	88.9%	93.4%
I rate my overall learning experience at the CTC as either excellent or good.	100%	88.9%	86.7%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Culinary Arts Program has been rated highly in most categories by seniors in the Senior Exit Survey for the last three years.
- The overall performance of Culinary Arts Program students is high in the areas of skill competencies and NOCTI testing.
- The outlook for the need for Culinary Arts services in the state of Pennsylvania is consistent but the wages are can below a living wage. However, the outlook for Culinary Arts services locally (Berks and Lancaster counties, and the South Central Region) is negative.
- The Culinary Arts program serves many ethnic/races and is evenly spread among gender groups.

Recommendations

- Provide opportunities for more students to experience supervisory duties in to prepare for higher levels of expertise in the field, i.e., Food Service Manager.
- It is recommended that the LCCTC continue to monitor the opportunities available for students upon graduation, despite the popularity of the program.
- Consider examining multiple other pathways in the food services industry to combine with culinary arts to ensure employability of students upon graduation.
- Ensure students understand that they may need to move out of the area to find work with these skills.

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Dental Assistant Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Dental Assistant program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		10		1.6%
2022-2023	672	+8.5%	14	+40%	2.1%
2023-2024	643	-4.5%	18	+28.6%	2.8%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	8	62.5%	5	62.5%
2022-2023	11	72.7%	8	72.7%
2023-2024	18	44%	15	88.2%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	8	3	0	0	4	0	0	0
2023	9	1	4	0	2	0	0	0
2024	10	2	3	0	4	1	0	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Dental Assistant students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Dental Assistant Students	2022-2023 number of Dental Assistant Students	2023-2024 number of Dental Assistant Students
Annville Cleona SD	0	0	2
Cornwall Lebanon SD	3	5	2
Eastern Lebanon SD	0	1	2
Lebanon SD	3	2	7
Northern Lebanon SD	1	0	3
Palmyra SD	2	4	2

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Dental Assistant Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Dental Assistant careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Code 31-9091]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Dental Assistants	Postsecondary training	11,070 positions	1,526 positions	$37,190	$47,770	$52,980

Data Source: 2024 Pennsylvania In-Demand Occupations List

Dental Assistant Outlook by Regions/Counties

The following table provides the career outlook for Dental Assistant careers by regions and counties.

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Dental Assistants	Postsecondary training	1,210 positions	161 positions	$37,710	$46,570	$50,990

Data Source: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Dental Assistants	Postsecondary training	340 positions	48 positions	$37,950	$47,170	$51,710

Data Source: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Dental Assistants	Postsecondary training	560 positions	82 positions	$38,590	$47,890	$52,460

Data Source: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Dental Assistant Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00

Data Source:

State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Dental Assistant Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	100%	77.8%	90%
Yes, I will pursue advanced education or a job in this field.	75%	55.6%	70%
Yes, I had a positive learning experience at the CTC.	87.5%	11.1%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	75%	11.1%	70%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	33.3%	80%
The CTC provided an excellent or good foundation in the use of technology.	87.5%	44.4%	60%
My teachers were excellent or good at holding high standards for quality work.	100%	22.2%	80%
I rate my overall learning experience at the CTC as either excellent or good.	87.5%	44.4%	90%

Data Source:

2022 – Senior Exit Survey

2023 – Senior Exit Survey

2024 – Senior Exit Survey

Commendations

- The Dental Assistant Program is rated as high quality by the majority of students in 2022 and 2024, and the majority of students plan to enter their field of study.
- Over half of students in Dental Assistant Program are consistently high in the areas of skill competencies and NOCTI testing.
- The outlook for the need of dental assistant services in the state of Pennsylvania is consistent and there is some room for advancement in the field.
- The Senior Exit Survey provides demographic data by program that shows ethnic and racial diversity in the Dental Assistant Program.

Recommendations
• The perceptual data collected on the Senior Exit Survey in 2022 and 2024 is very valuable and provides a positive student perception of the program. It is recommended that you consider exploring the 2023 survey results to understand the shift in data. • The Dental Assistant program primarily serves female students. Explore opportunities to attract male students to the field of dentistry.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Diesel Truck Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Diesel Truck program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	8	12.5%	1	12.5%
2022-2023	6	100%	6	100%
2023-2024	13	100%	12	92.3%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	9	0	1	0	6	0	1	1	0
2023	6	0	1	0	3	2	0	0	0
2024	12	0	0	0	12	0	0	0	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Diesel Truck students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Diesel Truck Students	2022-2023 number of Diesel Truck Students	2023-2024 number of Diesel Truck Students
Annville Cleona SD	3	2	3
Cornwall Lebanon SD	13	5	6
Eastern Lebanon SD	8	10	11
Lebanon SD	2	1	1
New Covenant Christian	0	0	1
Northern Lebanon SD	8	8	5
Palmyra SD	1	1	3

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Diesel Truck Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Diesel Truck careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 53-7051, 53-3033, 53-3032, 49-3031, 49-9071, 11-9013, 49-1011]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Industrial Truck & Tractor Operators	Short Term On the Job Training	35,060 positions	3,364 positions	$38,450	$46,510	$50,470
Light Truck Drivers	Short Term On the Job Training	47,780 positions	5,072 positions	$26,000	$42,610	$50,790
Heavy & Tractor-Trailer Truck Drivers	Postsecondary Training	97,180 positions	10,255 positions	$43,300	$56,530	$63,050
Bus & Truck Mechanics & Diesel Engine Specialist	Long Term On the Job Training	14,000 positions	1,164 positions	$41,070	$56,210	$63,670
Pathway Professions Related to Diesel Truck						
Maintenance & Repair Workers, General	Moderate Term On the Job Training	63,780 positions	5,847 positions	$32,690	$48,970	$56,980
Farmers, Ranchers & Other Agricultural Managers	Work Experience	30,700 positions	3,070 positions	$72,770	$87,810	$95,220
Supervisors – Mechanics, Installers & Repairer	Work Experience	23,240 positions	1,942 positions	$49,940	$76,130	$89,040

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Diesel Truck Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Industrial Truck & Tractor Operators	Short Term On the Job Training	11,050 positions	1,239 positions	$38,520	$45,430	$48,880
Light Truck Drivers	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Heavy & Tractor-Trailer Truck Drivers	Postsecondary Training	15,280 positions	1,790 positions	$44,360	$57,680	$64,340
Bus & Truck Mechanics & Diesel Engine Specialist	Long Term On the Job Training	1,990 positions	189 positions	$43,370	$57,130	$64,020
Bus Drivers, Transit & Intercity	Moderate Term On the Job Training	990 positions	121 positions	$36,600	$48,160	$53,940
Pathway Professions Related to Diesel Truck						
Maintenance & Repair Workers, General	Moderate Term On the Job Training	6,450 positions	719 positions	$33,800	$49,170	$56,860
Farmers, Ranchers & Other Agricultural Managers	Work Experience	N/A	N/A	N/A	N/A	N/A
Supervisors – Mechanics, Installers & Repairer	Work Experience	2,590 positions	244 positions	$49,470	$73,680	$85,780
Farm Equipment Mechanics & Service Technicians	Long Term On the Job Training	380 positions	39 positions	$34,410	$44,610	$49,710

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Industrial Truck & Tractor Operators	Short Term On the Job Training	1,130 positions	123 positions	$38,730	$47,180	$51,250
Light Truck Drivers	Short Term On the Job Training	1,650 positions	185 positions	$26,910	$41,850	$49,210
Heavy & Tractor-Trailer Truck Drivers	Postsecondary Training	3,680 positions	416 positions	$44,740	$56,520	$62,330
Bus & Truck Mechanics & Diesel Engine Specialist	Long Term On the Job Training	460 positions	43 positions	$44,140	$57,000	$63,330
Bus Drivers, Transit & Intercity	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Diesel Truck						
Maintenance & Repair Workers, General	Moderate Term On the Job Training	2,160 positions	213 positions	$35,270	$51,700	$59,800
Farmers, Ranchers & Other Agricultural Managers	Work Experience	N/A	N/A	N/A	N/A	N/A
Supervisors – Mechanics, Installers & Repairer	Work Experience	710 positions	65 positions	$53,420	$77,580	$89,470
Farm Equipment Mechanics & Service Technicians	Long Term On the Job Training	N/A	N/A	$36,180	$48,630	$54,770

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Industrial Truck & Tractor Operators	Short Term On the Job Training	2,270 positions	253 positions	$40,330	$48,020	$51,810
Light Truck Drivers	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Heavy & Tractor-Trailer Truck Drivers	Postsecondary Training	5,050 positions	567 positions	$43,430	$55,580	$61,560
Bus & Truck Mechanics & Diesel Engine Specialist	Long Term On the Job Training	820 positions	77 positions	$42,730	$56,740	$63,650
Pathway Professions Related to Diesel Truck						
Maintenance & Repair Workers, General	Moderate Term On the Job Training	2,800 positions	315 positions	$31,770	$48,630	$56,940
Farmers, Ranchers & Other Agricultural Managers	Work Experience	N/A	N/A	N/A	N/A	N/A
Supervisors – Mechanics, Installers & Repairer	Work Experience	1,110 positions	103 positions	$52,430	$74,540	$85,430
Farm Equipment Mechanics & Service Technicians	Long Term On the Job Training	400 positions	40 positions	$35,490	$50,110	$57,310

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Diesel Truck Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Diesel Truck Program.

Question	2022 (*n* = 9)	2023 (*n* = 6)	2024 (*n* = 12)
Yes, I feel technically prepared to continue my education.	44.4%	83.3%	66.7%
Yes, I will pursue advanced education or a job in this field.	55.6%	83.3%	91.7%
Yes, I had a positive learning experience at the CTC.	55.6%	100%	91.4%
I rate the safety of the learning environment at the CTC as either excellent or good.	44.4%	100%	83.3%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	33.3%	100%	91.7%
The CTC provided an excellent or good foundation in the use of technology.	55.5%	100%	83.3%
My teachers were excellent or good at holding high standards for quality work.	44.4%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	55.5%	100%	91.7%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations
• The Diesel Truck Program received high marks in most categories by seniors. One concern is that many students did not feel they were technically prepared for a job. • The overall performance of Diesel Truck Program students is high in the areas of skill competencies and NOCTI testing, with the exception to year 2022, where most received Basic. • The outlook for the need for Diesel Truck services in the state of Pennsylvania, including Berks and Lancaster counties and the South Central Region, is consistent and there is room for advancement in the field. The long-range salary outlook for jobs related to this profession is high.

Recommendations
• The Diesel Truck program primarily serves white male students. Explore opportunities to attract students from other ethnic, race, and gender groups to the field of Diesel Truck. • The outlook for this career path is strong throughout Pennsylvania. • Relative to the other years, the Senior Exit Survey in 2022 received lower ratings in all categories, recommend examining the root cause for the 2022 feedback. • Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field. Also note there are many pathway professions related to this career.

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Electrical Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Electrical program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		35		5.7%
2022-2023	672	+8.5%	28	-1.5 %	4.2%
2023-2024	643	-4.5%	31	+0.6%	4.8%

Data Source: PIMS, FRPAI

Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	19	100%	14	73.7%
2022-2023	12	100%	8	66.7%
2023-2024	13	100%	12	92.3%

Data Source: PIMS, FRPAI

2022 Student Performance Data

2023 Student Performance Data

2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	7	0	0	2	3	0	2	0
2023	11	0	2	0	3	4	1	1
2024	13	0	3	0	4	0	5	1

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Electrical students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Electrical Students	2022-2023 number of Electrical Students	2023-2024 number of Electrical Students
Annville Cleona SD	2	2	3
Cornwall Lebanon SD	7	5	4
Eastern Lebanon SD	5	1	4
Lebanon SD	0	1	0
Northern Lebanon SD	2	2	2
Palmyra SD	3	1	0

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Electrical Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Electrical careers from the entry level through the expert level.
PENNSYLVANIA [SOC Codes 47-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Electricians	HS Diploma and Long Term On the Job Training	24,200 positions	2,198 positions	$46,240	$73,100	$86,330
Construction Laborers	Short or Moderate Term On the Job Training	51,190 positions	4,488 positions	$36,870	$52,290	$59,880
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	29,680 positions	2,386 positions	$55,540	$82,580	$95,900
Construction Managers	HS Diploma & Bachelor Degree	15,960 positions	1,167 positions	$74,010	$115,790	$136,370
Pathway Professions Related to Electrical						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	10,380 positions	815 positions	$36,990	$51,570	$58,760
Highway Maintenance Workers	Moderate On the Job Training	11,660 positions	1,092 positions	$35,790	$49,180	$55,770
Operating Engineers	Moderate On the Job Training	24,540 positions	2,095 positions	$42,570	$60,010	$68,610
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	16,680 positions	1,446 positions	$45,890	$69,670	$81,380

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Electrical Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Electricians	HS Diploma and Long Term On the Job Training	2,780 positions	299 positions	$45,630	$69,630	$81,630
Construction Laborers	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A

Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	3,010 positions	293 positions	$55,670	$79,130	$90,860
Construction Managers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Electrical						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Highway Maintenance Workers	Moderate On the Job Training	1,190 positions	122 positions	$38,380	$49,380	$54,870
Operating Engineers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	1,970 positions	206 positions	$44,470	$65,630	$76,200

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Electricians	High School Diploma and Long Term On the Job Training	930 positions	99 positions	$47,370	$72,740	$85,240
Construction Laborers	Short Term On the Job Training	1,200 positions	123 positions	$35,260	$50,690	$58,290
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	720 positions	70 positions	$54,680	$79,750	$92,100
Construction Managers	HS Diploma & Bachelor Degree	300 positions	24 positions	$74,940	$111,560	$129,590
Pathway Professions Related to Electrical						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Highway Maintenance Workers	Moderate On the Job Training	270 positions	28 positions	$40,860	$52,050	$57,560
Operating Engineers	Moderate On the Job Training	620 positions	67 positions	$41,020	$56,600	$64,270
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	790 positions	82 positions	$43,840	$66,080	$77,020

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Electricians	High School Diploma and Long Term On the Job Training	850 positions	91 positions	$44,190	$67,8200	$79,460
Construction Laborers	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	1,480 positions	144 positions	$54,510	$77,640	$89,040
Construction Managers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Electrical						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	850 positions	77 positions	$38,420	$49,930	$55,600

Highway Maintenance Workers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Operating Engineers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	1,210 positions	126 positions	$43,030	$62,660	$72,330

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Electrical Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00

Data Source:

State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Electrical Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	100%	73%	100%
Yes, I will pursue advanced education or a job in this field.	86%	73%	92%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	82%	77%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	91%	100%
The CTC provided an excellent or good foundation in the use of technology.	100%	73%	69%
My teachers were excellent or good at holding high standards for quality work.	100%	82%	100%
I rate my overall learning experience at the CTC as either excellent or good.	100%	91%	100%

Data Source:

2022 – Senior Exit Survey

2023 – Senior Exit Survey

2024 – Senior Exit Survey

Commendations

- The Electrical Program is rated as high quality by the majority of students.
- The PA Skills Certification Report of Electrical Program students is high.
- The outlook for the need of electrical services in the state of Pennsylvania is consistent and there is room for advancement in the field.
- The Senior Exit Survey data provides excellent information for the school's growth and improvement.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Females, African American students, etc.).

Recommendations

- The Electrical program primarily serves male students. The background of most students in the program is mainly Caucasian with more ethnicities appearing in the 2024 data. Explore opportunities to continue to attract students from other ethnic, race, and gender groups to this field.
- Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.
- Explore opportunities to further integrate technology into the program. Exit survey data shows a declining trend in foundational technology use.
- Further explore the exit survey data related to the perception of safety of the learning environment as a declining trend was shown across the three years.

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Electromechanical Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Electromechanical program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	6	83.3%	5	83.3%
2022-2023	12	50%	5	50%
2023-2024	11	81.8%	7	63.6%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	7	0	1	0	6	0	0	0	0
2023	9	2	1	2	2	1	0	0	1
2024	8	1	0	2	5	0	0	0	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Electromechanical students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Electromechanical Students	2022-2023 number of Electromechanical Students	2023-2024 number of Electromechanical Students
AAP Home District	0	3	0
Annville Cleona SD	5	3	3
Cornwall Lebanon SD	2	4	9
Eastern Lebanon SD	3	6	5
Lebanon SD	1	3	0
New Covenant Christian	0	0	0
Northern Lebanon SD	2	2	0
Palmyra SD	5	6	4

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Electromechanical Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Electromechanical careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 51-2028, 47-2073, 49-9041, 51-9162, 17-2112]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Elec. & Electromecha ni-cal Assemblers	Moderate Term On the Job Training	15,810 positions	1,686 positions	$33,420	$41,560	$45,570
Operating Engineers	Moderate Term On the Job Training	24,540 positions	2,095 positions	$42,570	$60,010	$68,610
Pathway Professions Related to Electromechanical						
Industrial Machinery Mechanics	Long Term On the Job	21,940 positions	1,886 positions	$45,120	$61,370	$69,380

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Electromechanical Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Elec. & Electromecha -nical Assemblers	Moderate Term **on** the Job Training	N/A	N/A	N/A	N/A	N/A
Operating Engineers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Electrical & Electronics Engr Technologists & Technicians	Associate Degree	670 positions	63 positions	$48,670	$64,930	$73,050
Pathway Professions Related to Electromechanical						
Industrial Engineers	Bachelors Degree	1,590 positions	114 positions	$64,670	$90,160	$102,910

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Elec. & Electromecha -nical Assemblers	Moderate Term On the Job Training	350 positions	37 positions	$35,530	$40,730	$43,280
Operating Engineers	Moderate Term On the Job Training	620 positions	67 positions	$41,020	$56,600	$64,270
Electrical & Electronics Engr Technologists & Technicians	Associate Degree	130 positions	13 positions	$49,440	$64,630	$72,120
Industrial Engineering Technologists & Technicians	Associate Degree	140 positions	13 positions	$43,300	$58,860	$66,520
Pathway Professions Related to Electromechanical						
Industrial Engineers	Bachelors Degree	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Elec. & Electromecha -nical Assemblers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Operating Engineers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Electrical & Electronics Engr	Associate Degree	N/A	N/A	N/A	N/A	N/A

Technologists & Technicians						
Industrial Engineering Technologists & Technicians	Associate Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Electromechanical						
Industrial Engineers	Bachelors Degree	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Electromechanical Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Electromechanical Program.

Question	2022 (*n* = 7)	2023 (*n* = 9)	2024 (*n* = 8)
Yes, I feel technically prepared to continue my education.	85.7%	66.7%	87.5%
Yes, I will pursue advanced education or a job in this field.	71.4%	100%	87.5%
Yes, I had a positive learning experience at the CTC.	100%	88.9%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	85.7%	88.9%	87.5%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	88.9%	100%
The CTC provided an excellent or good foundation in the use of technology.	85.7%	88.9%	100%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	85.7%	100%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Electromechanical Program is rated above average for most categories in the Senior Exit Survey over the last three years.
- The overall performance of Electromechanical Program students has fluctuated over the last three years, where a little over a half of the students testing achieve Advance/Competent in skill competencies and NOCTI testing.
- The outlook for the need for Electromechanical services in the state of Pennsylvania is mixed; opportunities both short-term and long-term are consistent in Berks County. There is some consistent need in the South Central region, but none in Lancaster county. There is some room for advancement in this field.
- The long-range salary outlook for Electromechanical services is high.

Recommendations

- The Electromechanical program primarily serves white male students (except for 2023). Explore opportunities to attract students from other ethnic, race, and gender groups to the field of Electromechanical.
- Evaluate the skills and learning experiences, as well as the curriculum for this program as a possibility of why the NOCTI scores hover around 50-80%.

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Health Careers Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Health Careers program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		35		5.7%
2022-2023	672	+8.5%	64	+82.85%	9.5%
2023-2024	643	-4.5%	62	-3.13%	9.6%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	22	59%	13	59%
2022-2023	23	70%	16	70%
2023-2024	32	53%	15	88.2%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	21	3	2	1	8	3	0	0
2023	21	3	0	6	1	10	1	1
2024	28	10	7	1	7	1	0	1

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 - Senior Exit Survey

Sending District Information

The following table shows the number of Health Careers students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Health Careers Students	2022-2023 number of Health Careers Students	2023-2024 number of Health Careers Students
Annville Cleona SD	3	6	5
Cornwall Lebanon SD	12	28	21
Eastern Lebanon SD	5	5	5
Lebanon SD	7	12	17
Northern Lebanon SD	3	8	5
Palmyra SD	4	5	9

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Health Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Health careers from the entry level through the expert level.
PENNSYLVANIA [SOC Codes 11-9111, 31-9092, & 29-9021]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical & Health Services Managers	Bachelor's Degree & Work Experience	22,610 positions	1,881 positions	$74,700	$125,860	$151,060

Pathway Professions Related to Health Careers						
Community Health Workers	High School Diploma and On the Job Training	2,480 positions	258 positions	$37,810	$50,180	$56,260
Home Health & Personal Care Aides	High School Diploma and On the Job Training	217,220 positions	32,639 positions	$25,670	$30,580	$33,010
Health Information Technologists & Medical Registrars	Associate's Degree & Work Experience	1,310 positions	91 positions	$43,780	$71,420	$85,040

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Health Careers Outlook by Regions/Counties

The following table provides the career outlook for Health Careers from the entry level through the expert level by regions and counties.

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical & Health Services Managers	Bachelor's Degree & Work Experience	1,680 positions	207 positions	$74,700	$122,240	$145,970
Medical Assistants	Postsecondary Program and Work Experience	3,400 positions	499 positions	$34,670	$40,670	$43,660
Nursing Assistants	Postsecondary Program and Work Experience	8,350 positions	1,199 positions	$34,410	$39,310	$41,760
Pathway Professions Related to Health Careers						
Community Health Workers	High School Diploma and On the Job Training	N/A	N/A	N/A	N/A	N/A
Home Health & Personal Care Aides	High School Diploma and On the Job Training	N/A	N/A	N/A	N/A	N/A
Health Information Technologists & Medical Registrars	Associate's Degree & Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical & Health Services Managers	Bachelor's Degree & Work Experience	480 positions	55 positions	$77,530	$131,900	$158,670
Medical Assistant	Postsecondary Program and Work Experience	860 positions	113 positions	$35,620	$42,800	$46,340
Nursing Assistants	Postsecondary Program and Work Experience	1,850 positions	254 positions	$35,280	$40,980	$43,790
Pathway Professions Related to Health Careers						
Community Health Workers	High School Diploma and On the Job Training	N/A	N/A	N/A	N/A	N/A
Home Health & Personal Care Aides	High School Diploma and On the Job Training	N/A	N/A	N/A	N/A	N/A
Health Information Technologists & Medical Registrars	Postsecondary Work Experience	N/A	N/A	$57,160	$83,650	$96,690

Data Source: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical & Health Services Managers	Bachelor's Degree & Work Experience	490 positions	60 positions	$73,520	$121,010	$144,400
Medical Assistant	Postsecondary Program and Work Experience	1,390 positions	197 positions	$34,340	$40,860	$44,070
Nursing Assistants	Postsecondary Program and Work Experience	3,330 positions	479 positions	$34,780	$39,770	$42,220
Pathway Professions Related to Health Careers						
Community Health Workers	High School Diploma and On the Job Training	N/A	N/A	N/A	N/A	N/A
Home Health & Personal Care Aides	High School Diploma and On the Job Training	N/A	N/A	N/A	N/A	N/A
Health Information Technologists & Medical Registrars	Associate's Degree & Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Health Careers Program

One (2) Teachers for 2024/2025: Instructional Cost (Salary & Benefits): approximately $232,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Health Careers Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	85.7%	90.5%	96.4%
Yes, I will pursue advanced education or a job in this field.	90.5%	85.7%	89.3%
Yes, I had a positive learning experience at the CTC.	66.7%	100%	96.4%
I rate the safety of the learning environment at the CTC as either excellent or good.	52.3%	100%	78.6%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	66.6%	90.5%	100%
The CTC provided an excellent or good foundation in the use of technology.	66.6%	95.2%	85.7%
My teachers were excellent or good at holding high standards for quality work.	85.7%	90.5%	96.5%
I rate my overall learning experience at the CTC as either excellent or good.	52.3%	100%	92.8%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The student perception of the Health Careers Program has improved and is now rated as high quality by the majority of students.
- The outlook for the need of health careers in the state of Pennsylvania is consistent and there is room for advancement in the field.
- Health Careers offers multiple levels of education and/or training.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Males & African American students).

Recommendations
• The Health Careers program primarily serves female students. The background of most students in the program is Caucasian and Hispanic. Explore opportunities to attract students from other ethnic, race, and gender groups to the health field. • Approximately half of recent graduates achieved advanced or competent scores in the areas of skill competencies and NOCTI testing. Consider exploring curricular opportunities to increase student achievement. • Provide opportunities for more students to experience internships and take dual college credits in order to prepare for higher levels of expertise in the field.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Landscape and Horticulture Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Landscape and Horticulture program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		17		2.7%
2022-2023	672	+8.5%	17	-0.2%	2.5%
2023-2024	643	-4.5%	24	+1.2%	3.7%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	12	66.7%	8	66.7%
2022-2023	11	63.6%	7	63.6%
2023-2024	8	75%	5	62.5%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	7	1	0	0	6	0	0	0
2023	9	0	0	0	9	0	0	0
2024	10	0	1	0	6	0	1	2

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 - Senior Exit Survey

Sending District Information

The following table shows the number of Landscape and Horticulture students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Landscape and Horticulture Students	2022-2023 number of Landscape and Horticulture Students	2023-2024 number of Landscape and Horticulture Students
Annville Cleona SD	0	0	1
Cornwall Lebanon SD	5	2	0
Eastern Lebanon SD	2	4	1
Lebanon SD	1	1	2
Northern Lebanon SD	2	1	2
Palmyra SD	2	3	2

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Landscape and Horticulture Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Landscape and Horticulture careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 37-0000 and 45-0000]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Landscaping & Groundskeeping Workers	Short Term On the Job training	44,860 positions	5,763 positions	$28,590	$38,590	$43,520
Farmworkers & Laborers: Crop, Nursery, & Greenhouse	Short Term On the Job training	24,260 positions	3,565 positions	$20,970	$33,460	$39,610
Pathway Professions Related to Landscape and Horticulture						
Farmworkers: Farm, Ranch, & Aquacultural Animals	Short Term On the Job training	12,700 positions	1,856 positions	$25,570	$38,550	$44,950

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Landscape and Horticulture Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Landscaping & Groundskeeping Workers	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A
Farmworkers & Laborers: Crop, Nursery, & Greenhouse	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Landscape and Horticulture						
Farmworkers: Farm, Ranch, & Aquacultural Animals	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Landscaping & Groundskeeping Workers	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A
Supervisors: Landscaping & Groundskeeping Workers	HS Diploma and On The Job Training	190 positions	20 positions	$44,910	$59,060	$66,030
Farmworkers & Laborers: Crop, Nursery, & Greenhouse	Short Term On the Job training	1,470 positions	232 positions	$20,950	$29,780	$34,120
Pathway Professions Related to Landscape and Horticulture						
Farmworkers: Farm, Ranch, & Aquacultural Animals	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Landscaping & Groundskeeping Workers	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A
Supervisors: Landscaping & Groundskeeping Workers	HS Diploma and On The Job Training	N/A	N/A	N/A	N/A	N/A
Farmworkers & Laborers: Crop, Nursery, & Greenhouse	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Landscape and Horticulture						
Farmworkers: Farm, Ranch, & Aquacultural Animals	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Landscape and Horticulture Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Landscape and Horticulture Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	71%	56%	70%
Yes, I will pursue advanced education or a job in this field.	71%	78%	80%
Yes, I had a positive learning experience at the CTC.	86%	78%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	78%	100%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	67%	90%
The CTC provided an excellent or good foundation in the use of technology.	86%	78%	90%
My teachers were excellent or good at holding high standards for quality work.	86%	78%	80%
I rate my overall learning experience at the CTC as either excellent or good.	86%	78%	90%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Landscape and Horticulture Program is rated as a quality program by the majority of students.
- The Senior Exit Survey provides excellent information for the school's growth and improvement.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Females & African American students).

Recommendations

- Based on the job outlook for Pennsylvania and the local region, continue to monitor the needs of the job market in relation to program offerings in order to remain relevant in the marketplace.
- Further examine course completion and certification rates among students as the data indicates that these range from 62% - 75% over the last three years.
- The Landscape and Horticulture program primarily serves male students and shows a limited mix of ethnicities. Explore opportunities to continue to attract students from other ethnic, race, and gender groups to this field.
- Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Law Enforcement Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Law Enforcement Program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI

Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	31	26	27	25
2022-2023	33	31	32	31
2023-2024	42	40	42	40

Data Source: PIMS, FRPAI

2022 Student Performance Data

2023 Student Performance Data

2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	College Post Secondary	Voc/ Tech School	PA Workforce Full Time	PA Workforce Part Time	Workforce	Military
2022	67	11	3	0	0	7	0	0	6
2023	80	11	4	0	0	6	0	1	5
2024	72	0	0	20	0	0	1	0	4

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Law Enforcement students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Law Enforcement Students	2022-2023 number of Law Enforcement Students	2023-2024 number of Law Enforcement Students
Annville Cleona SD	11	8	7
Cornwall Lebanon SD	15	29	14
Eastern Lebanon SD	12	16	13
Lebanon SD	16	16	21
Northern Lebanon SD	7	2	7
Palmyra SD	5	9	10
Tulpehocken SD	1	0	0

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Law Enforcement Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Law Enforcement careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 33-0000]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Police & Sheriff's Patrol Officers	Short or Moderate Term On-the-Job Training	26,540 positions	2,070 positions	$55,260	$81,690	$94,700
Correctional Officers & Jailers	Short or Moderate Term On-the-Job Training	15,280 positions	1,256 positions	$46,130	$61,420	$68,940
Security Guards	Short or Moderate Term On-the-Job Training	40,960 positions	5,400 positions	$27,920	$37,380	$42,040
Pathway Professions Related to Law Enforcement						
Crossing Guards & Flaggers	Short or Moderate Term On-the-Job Training	7,900 positions	1,755 positions	$28280	$37,580	$42,170
Lifeguards, Ski Patrol & Other Protective Service Workers	Short or Moderate Term On-the-Job Training	5,880 positions	1708 positions	$22,370	$28,470	$31,470

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Law Enforcement Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Police & Sheriff's Patrol Officers	Short or Moderate Term On-the-Job Training	630 positions	47 positions	$55,420	$81,240	$94,150
Correctional Officers & Jailers	Short or Moderate Term On-the-Job Training	1610 positions	142 positions	$46,600	$62,510	$70,460
Security Guards	Short or Moderate	N/A	N/A	N/A	N/A	N/A

	Term On-the-Job Training					
Detectives & Criminal Investigators	HS Diploma & Short or Moderate Term On-the-Job Training	$59,120	$85,470	$98,650	630	47
Pathway Professions Related to Law Enforcement						
Crossing Guards & Flaggers	Short or Moderate Term On-the-Job Training	110 positions	21 positions	$22,350	$30,190	$34,050
Lifeguards, Ski Patrol & Other Protective Service Workers	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A
School Bus Monitors & Other Protective Service Workers	Short or Moderate Term On-the-Job Training	370 positions	91 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Police & Sheriff's Patrol Officers	Short or Moderate Term On-the-Job Training	720 positions	60 positions	$58,240	$83,000	$95,200
Correctional Officers & Jailers	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A
Security Guards	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A

Pathway Professions Related to Law Enforcement						
Crossing Guards & Flaggers	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A
Lifeguards, Ski Patrol & Other Protective Service Workers	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A
Transportation Security Screeners	Short or Moderate Term On-the-Job Training	10 positions	0	N/A	N/A	N/A
School Bus Monitors & Other Protective Service Workers	Short or Moderate Term On-the-Job Training	370	91 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Police & Sheriff's Patrol Officers	Short or Moderate Term On-the-Job Training	750 positions	61 positions	$55,780	$82,440	$95,580
Correctional Officers & Jailers	Short or Moderate Term On-the-Job Training	250 positions	23 positions	N/A	N/A	N/A
Security Guards	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Law Enforcement						
Crossing Guards & Flaggers	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A

Lifeguards, Ski Patrol & Other Protective Service Workers	Short or Moderate Term On-the-Job Training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Law Enforcement Program

One (2) Teachers for 2024/2025: Instructional Cost (Salary & Benefits): approximately $232,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Law Enforcement Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	77.8%	75%	82.1%
Yes, I will pursue advanced education or a job in this field.	81.5%	65.6%	74.4%
Yes, I had a positive learning experience at the CTC.	92.6%	81.3%	87.2%
I rate the safety of the learning environment at the CTC as either excellent or good.	92.6%	71.9%	92.3%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	81.5%	62.5%	76.9%
The CTC provided an excellent or good foundation in the use of technology.	74.1%	71.9%	71.8%
My teachers were excellent or good at holding high standards for quality work.	85.2%	81.3%	82%
I rate my overall learning experience at the CTC as either excellent or good.	85.2%	84.4%	79.4%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The overall performance of Law Enforcement students who performed as competent/advanced on NOCTI/NIMS has increased each year.
- The outlook for the need of Law Enforcement in the state of Pennsylvania is consistent and there is a future projected need.
- The Senior Exit Survey given in 2022, 2023 and 2024 provides excellent information for the school's growth and improvement.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts for attracting diverse populations of people to the field (i.e. African American students).

Recommendations

- The background of most Law Enforcement students in the program is Caucasian followed by Hispanic. Explore opportunities to attract and increase students from other ethnic and race groups to Law Enforcement.
- According to the Student Survey data there is room for growth in technology use. Explore opportunities to integrate foundational technology.

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Masonry Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Masonry program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		21		3.4%
2022-2023	672	+8.5%	30	+1.1 %	4.5%
2023-2024	643	-4.5%	16	-2.0%	2.5%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	5	100%	4	80%
2022-2023	10	100%	10	100%
2023-2024	6	100%	6	100%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	5	0	0	0	4	0	0	1
2023	7	0	0	0	6	0	1	0
2024	6	0	1	0	3	0	2	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Masonry students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Masonry Students	2022-2023 number of Masonry Students	2023-2024 number of Masonry Students
Annville Cleona SD	0	2	0
Cornwall Lebanon SD	0	1	1
Eastern Lebanon SD	0	1	0
Lebanon SD	2	1	3
Northern Lebanon SD	1	2	1
Palmyra SD	2	3	1

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Masonry Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Masonry careers from the entry level through the expert level.
PENNSYLVANIA [SOC Codes 47-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Brick Masons & Block Masons	HS Diploma and 1 yr. minimum training	N/A	N/A	N/A	N/A	N/A

Construction Laborers	Short or Moderate Term On the Job Training	51,190 positions	4,488 positions	$36,870	$52,290	$59,880
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	29,680 positions	2,386 positions	$55,540	$82,580	$95,900
Construction Managers	HS Diploma & Bachelor Degree	15,960 positions	1,167 positions	$74,010	$115,790	$136,370
Pathway Professions Related to Masonry						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	10,380 positions	815 positions	$36,990	$51,570	$58,760
Highway Maintenance Workers	Moderate On the Job Training	11,660 positions	1,092 positions	$35,790	$49,180	$55,770
Operating Engineers	Moderate On the Job Training	24,540 positions	2,095 positions	$42,570	$60,010	$68,610
Carpenters	HS Diploma Long Term On the Job Training	37,940 positions	3,136 positions	$39,770	$59,860	$69,750

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Masonry Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Brick Masons & Block Masons	HS Diploma and 1 yr. minimum training	350 positions	32 positions	$43,690	$66,360	$77,690
Construction Laborers	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	3,010 positions	293 positions	$55,670	$79,130	$90,860
Construction Managers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Masonry						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Highway Maintenance Workers	Moderate On the Job Training	1,190 positions	122 positions	$38,380	$49,380	$54,870
Operating Engineers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Carpenters	HS Diploma Long Term On the Job Training	4,470 positions	421 positions	$40,430	$56,270	$64,190

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Brick Masons & Block Masons	HS Diploma and 1 yr. minimum training	N/A	N/A	N/A	N/A	N/A
Construction Laborers	Short Term On the Job Training	1,200 positions	123 positions	$35,260	$50,690	$58,290
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	720 positions	70 positions	$54,680	$79,750	$92,100

Construction Managers	HS Diploma & Bachelor Degree	300 positions	24 positions	$74,940	$111,560	$129,590
Pathway Professions Related to Masonry						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Highway Maintenance Workers	Moderate On the Job Training	270 positions	28 positions	$40,860	$52,050	$57,560
Operating Engineers	Moderate On the Job Training	620 positions	67 positions	$41,020	$56,600	$64,270
Carpenters	HS Diploma Long Term On the Job Training	870 positions	81 positions	$40,350	$56,940	$65,110

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Brick Masons & Block Masons	HS Diploma and 1 yr. minimum training	500 positions	46 positions	$43,630	$62,790	$72,230
Construction Laborers	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	1,480 positions	144 positions	$54,510	$77,640	$89,040
Construction Managers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Masonry						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	850 positions	77 positions	$38,420	$49,930	$55,600
Highway Maintenance Workers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Operating Engineers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Carpenters	HS Diploma Long Term On the Job Training	4,030 positions	377 positions	$39,490	$54,350	$61,670

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Masonry Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Masonry Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	100%	57%	67%
Yes, I will pursue advanced education or a job in this field.	100%	86%	100%
Yes, I had a positive learning experience at the CTC.	100%	86%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	57%	100%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	86%	83%
The CTC provided an excellent or good foundation in the use of technology.	80%	71%	83%

My teachers were excellent or good at holding high standards for quality work.	100%	86%	100%
I rate my overall learning experience at the CTC as either excellent or good.	100%	71%	83%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Masonry Program is rated as high quality by the majority of students.
- The overall performance of Masonry Program students is high in the areas of skill competencies and NOCTI testing.
- The Senior Exit Survey provides excellent information for the school's growth and improvement.
- The Senior Exit Survey provides demographic data that shows that the Masonry program is composed of students from several ethnic backgrounds.

Recommendations

- The Masonry program primarily serves male students. Consider exploring opportunities to continue to attract students from other ethnic, race, and gender groups to the field.
- Based on the job outlook for Pennsylvania and the local region, continue to monitor the needs of the job market in relation to program offerings in order to remain relevant and strategic in the marketplace.
- Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Media Communications Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Media Communications program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	8	7	7	7
2022-2023	9	8	8	8
2023-2024	17	14	14	13

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	College Post Secondary	Voc/ Tech School	PA Workforce Full Time	PA Workforce Part Time	Workforce	Military
2022	8	1	0	0	0	1	1	0	0
2023	9	2	0	0	0	0	0	0	0
2024	17	0	0	5	0	0	0	2	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 Post Secondary Plans Excel

Sending District Information

The following table shows the number of Media Communication students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Media Communications Students	2022-2023 number of Media Communications Students	2023-2024 number of Media Communications Students
Annville Cleona SD	3	2	6
Cornwall Lebanon SD	2	9	4
Eastern Lebanon SD	5	4	0
Lebanon SD	1	9	4
Northern Lebanon SD	1	2	0
Palmyra SD	0	4	3

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Media Communications Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Media Communications careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 27-0000]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Coaches & Scouts	HS Diploma & Bachelor Degree	10,910 positions	1,392 positions	$27,250	$59,240	$74,990
Pathway Professions Related to Media Communications						
Graphic Designers	HS Diploma & Bachelor Degree	11,370 positions	933 positions	$37,580	$57,800	$67,760

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Media Communications Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Coaches & Scouts	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Media Communications						
Graphic Designers	HS Diploma & Bachelor Degree	920 positions	84 positions	$37,090	$54,690	$63,490
Audio & Video Technicians	HS Diploma & Bachelor Degree	270 positions	28 positions	$30,320	$48,760	$57,990
Public Relations Specialists	HS Diploma & Bachelor Degree	1,110 positions	107 positions	$42,610	$70,210	$84,010

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Coaches & Scouts	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A

Pathway Professions Related to Media Communications						
Graphic Designers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Audio & Video Technicians	Postsecondary Training	80 positions	9 positions	$37,370	$52,450	$59,880
Public Relations Specialists	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Coaches & Scouts	HS Diploma & Bachelor Degree	500 positions	72 positions	$26,450	$51,990	$64,570
Pathway Professions Related to Media Communications						
Graphic Designers	HS Diploma & Bachelor Degree	560 positions	52 positions	$37,020	$51,500	$58,640
Public Relations Specialist	HS Diploma & Bachelor Degree	380 positions	37 positions	$34,470	$56,300	$67,050
Audio & Video Technicians	Postsecondary Training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Media Communications Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Media Communications Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	100%	100%	100%
Yes, I will pursue advanced education or a job in this field.	100%	100%	66.7%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	50%	100%	88.9%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	75%	100%	88.9%
The CTC provided an excellent or good foundation in the use of technology.	100%	100%	100%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	75%	100%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Media Communications Program students indicate on the Student Satisfaction Surveys as having a positive learning experience and feeling technically prepared to continue their education.
- The number of "completers" of the Media Communications program has increased over time.

Recommendations

- Ensure students are aware of the limits in Media Communications in the State of Pennsylvania. The opportunities for expertise in Media Communications appear to be Region specific.
- It is recommended that the school moves forward with the plan to make the Media Communications Program a 3-year program (from a 2-year program), to ensure that seats are maximized in the program.

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Medical Assistant Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Medical Assistant program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		66		10.7%
2022-2023	672	+8.5%	62	-6.07 %	9.2%
2023-2024	643	-4.5%	58	-6.45%	9%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	27	96%	16	96%
2022-2023	22	89%	19	86%
2023-2024	28	82%	15	88.2%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	12	5	1	0	5	0	0	1
2023	20	8	3	0	5	0	0	3
2024	16	7	2	0	4	2	0	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 - Senior Exit Survey

Sending District Information

The following table shows the number of Medical Assistant students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Medical Assistant Students	2022-2023 number of Medical Assistant Students	2023-2024 number of Medical Assistant Students
Annville Cleona SD	3	6	5
Cornwall Lebanon SD	12	28	12
Eastern Lebanon SD	5	5	9
Lebanon SD	7	12	18
Northern Lebanon SD	3	8	6
Palmyra SD	4	5	8

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Medical Assistant Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Medical Assistant careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 31-9092]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical Assistants	Postsecondary Training Program	31,740 positions	4,179 positions	$34,670	$42,090	$45,750
Pathway Professions Related to Medical Assistant						
Nursing Assistant	Postsecondary Training Program	78,720 positions	11,232 positions	$34,120	$39,780	$42,560
Medical Secretaries & Administrative Assistants	Moderate Term On the Job Training	26,440 positions	2,810 positions	$33,400	$41,320	$45,230
Diagnostic Medical Sonographers	Associate's Degree	3,590 positions	212 positions	$66,420	$82,760	$90,810
Ophthalmic Medical Technicians	Postsecondary Training Program	1,850 positions	206 positions	$33,890	$42,240	$46,360

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Medical Assistant Careers Outlook by Regions/Counties

The following table provides the career outlook for Medical Assistant Careers from the entry level through the expert level by regions and counties.

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical Assistants	Postsecondary Program and Work Experience	3,400 positions	499 positions	$34,670	$40,670	$43,660
Pathway Professions Related to Medical Assistant						
Nursing Assistants	Postsecondary Program and Work Experience	1,850 positions	254 positions	$35,280	$40,980	$43,790
Medical Secretaries & Administrative Assistants	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Diagnostic Medical Sonographers	Associate's Degree	300 positions	30 positions	$65,860	$78,750	$85,200
Ophthalmic Medical Technicians	Postsecondary Training Program	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical Assistant	Postsecondary Program and Work Experience	860 positions	113 positions	$35,620	$42,800	$46,340
Pathway Professions Related to Medical Assistant						
Nursing Assistant	Postsecondary Training Program	1,850 positions	254 positions	$35,280	$40,980	$43,790
Medical Secretaries & Administrative Assistants	Moderate Term On the Job Training	620 positions	70 positions	$34,190	$40,930	$44,250
Diagnostic Medical Sonographers	Associate's Degree	N/A	N/A	N/A	N/A	N/A
Ophthalmic Medical Technicians	Postsecondary Training Program	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Medical Assistant	Postsecondary Program and Work Experience	1,390 positions	197 positions	$34,340	$40,860	$44,070

Pathway Professions Related to Medical Assistant						
Nursing Assistants	Postsecondary Program and Work Experience	3,330 positions	479 positions	$34,780	$39,770	$42,220
Medical Secretaries & Administrative Assistants	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Diagnostic Medical Sonographers	Associate's Degree	N/A	N/A	N/A	N/A	N/A
Ophthalmic Medical Technicians	Postsecondary Training Program	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Medical Assistant Program

One (2) Teachers for 2024/2025: Instructional Cost (Salary & Benefits): approximately $232,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Medical Assistant Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	91.7%	90%	75%
Yes, I will pursue advanced education or a job in this field.	83.3%	90%	87.5%
Yes, I had a positive learning experience at the CTC.	100%	95%	81.3%
I rate the safety of the learning environment at the CTC as either excellent or good.	91.7%	100%	62.5%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	91.7%	90%	68.8%
The CTC provided an excellent or good foundation in the use of technology.	66.7%	95%	68.8%
My teachers were excellent or good at holding high standards for quality work.	100%	95%	68.8%
I rate my overall learning experience at the CTC as either excellent or good.	91.7%	95%	62.5%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Medical Assistant Program produces a high percentage of students who feel prepared for and plan to enter their studied field.
- The overall performance of Medical Assistant Program students is high in the areas of skill competencies and performance testing.
- The outlook for the need of medical assistant services in the state of Pennsylvania is consistent and there is room for advancement in the field.

Recommendations

- The Medical Assistant serves almost exclusively females, the majority of whom are Caucasian. Explore opportunities to attract students from other ethnic, race, and gender groups to the field.
- Ensure that students know there are many medical assistant career pathways, some career types are region/county specific.
- Provide opportunities for more students to experience medical internships in order to prepare for higher levels of expertise in the field.

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Network Technology Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Network Technology program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	11	10	9	8
2022-2023	15	11	12	11
2023-2024	14	11	15	11

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	College/Post Secondary	Voc/ Tech School	PA Workforce Full Time	PA Workforce Part Time	Workforce	Military
2022	11	0	2	0	1	1	2	0	1
2023	15	2	3	0	1	2	0	0	1
2024	14	0	0	5	0	0	0	2	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Network Technology students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Computer Systems Networking and Telecommunications Students	2022-2023 number of Computer Systems Networking and Telecommunications Students	2023-2024 number of Network Technology Students
Annville Cleona SD	5	2	3
Cornwall Lebanon SD	6	9	3
Eastern Lebanon SD	7	4	4
Lebanon SD	6	9	0
Northern Lebanon SD	5	2	6
Palmyra SD	0	4	6

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Network Technology Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Network Technology careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 15-0000]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Computer Systems Analyst	Bachelors Degree & Some Postsecondary Training	23,860 positions	1,533 positions	$60,990	$93.040	$108,820
Data Scientists	Bachelors Degree & Some Postsecondary Training	5,060 positions	388 positions	$60,280	$102,370	$123,090
Operations Research	Bachelors Degree & Some Postsecondary Training	3,800 positions	276 positions	$49,530	$82,110	$98,160
Software Developers	Bachelors Degree & Some Postsecondary Training	53,670 positions	3,488 positions	$76,170	$117,110	$137,270
Software Quality Assurance Analysts & Testers	Bachelors Degree & Some Postsecondary Training	7,100 positions	511 positions	$61,320	$93,720	$109,680
Web & Digital Interface Designers	Bachelors Degree & Some Postsecondary Training	4,240 positions	331 positions	$47,330	$86,820	$106,270
Web Developers	Bachelors Degree Degree & Some Postsecondary Training	4,160 positions	298 positions	$51,690	$103,540	$129,080
Pathway Professions Related to Network Technology						
Computer User Support Specialist	Postsecondary Training & Work Experience	31,190 positions	2,156 positions	$38,740	$60,140	$70,690

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Network Technology Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Computer Systems Analysts	Bachelors Degree & Some Postsecondary Training	2,420 positions	180 positions	$63,270	$96,020	$112,400
Data Scientists	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Operations Research	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Software Developers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Software Quality Assurance Analysts & Testers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Web & Digital Interface Designers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Web Developers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Network & Computer Systems Administrators	Bachelors Degree & Some Postsecondary Training	1,350 positions	176 positions	$60,420	$90,810	$106,000
Database Administrators	Bachelors Degree & Some Postsecondary Training	1,000 positions	77 positions	N/A	N/A	N/A

Database Administrators & Architects	Bachelors Degree & Some Postsecondary Training	1,000 positions	77 positions	N/A	N/A	N/A
Database Architects	Bachelors Degree & Some Postsecondary Training	1,000 positions	77 positions	N/A	N/A	N/A
Software Developers & QA Analysts	Bachelors Degree & Some Postsecondary Training	5,220 positions	443 positions	N/A	N/A	N/A
Pathway Professions Related to Network Technology						
Computer User Support Specialists	Postsecondary Training & Work Experience	2,240 positions	176 positions	$39,940	$57,840	$66,790

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Computer Systems Analyst	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Data Scientists	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Operations Research	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Software Developers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Software Quality Assurance Analysts & Testers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Web & Digital Interface Designers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Web Developers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Network & Computer Systems Administrators	Bachelors Degree & Some Postsecondary Training	280 positions	19 positions	$61,950	$94,580	$110,650
Computer Network Support Specialists	Bachelors Degree & Some Postsecondary Training	300 positions	23 positions	$42,810	$68,360	$80,950
Pathway Professions Related to Network Technology						
Computer User Support Specialists	Postsecondary Training & Work Experience	370 positions	28 positions	$39,070	$56,890	$65,670

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Computer Systems Analyst	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Data Scientists	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Operations Research	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A

Software Developers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Software Quality Assurance Analysts & Testers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Web & Digital Interface Designers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Web Developers	Bachelors Degree & Some Postsecondary Training	N/A	N/A	N/A	N/A	N/A
Network & Computer Systems Administrators	Bachelors Degree & Some Postsecondary Training	380 Positions	27 positions	$60,490	$83,550	$94,910
Software Developers QA Analysts	Bachelors Degree & Some Postsecondary Training	1,060 Positions	93 positions	N/A	N/A	N/A
Pathway Professions Related to Network Technology						
Computer User Support Specialist	Postsecondary Training & Work Experience	640 Positions	50 positions	$41,280	$59,520	$68,510

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Network Technology Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Network Technology Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	100%	78%	57.1%
Yes, I will pursue advanced education or a job in this field.	71.4%	100%	57.1%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	88.9%	85.8%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	71.5%	100%	71.5%
The CTC provided an excellent or good foundation in the use of technology.	85.7%	88.9%	85.7%
My teachers were excellent or good at holding high standards for quality work.	85.7%	100%	85.7%
I rate my overall learning experience at the CTC as either excellent or good.	71.5%	88.9%	71.5%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Network Technology Program is rated as a positive learning experience by students.
- Network Technology students have consistently increased to Competent or Advanced on NOCTI/NIMS testing.
- The outlook for the need of Network Technology services in the state of Pennsylvania is positive and there is a projected need for the future in the field.
- The Senior Exit Survey given in 2022, 2023 and 2024 provides excellent information for the school's growth and improvement.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting diverse populations of people to the field (i.e. Females, Hispanic & African American students).

Recommendations

- The Network Technology program primarily serves Caucasian students. Explore opportunities to attract and increase students from other ethnic, race, and gender groups to Network Technology.
- It appears that Seniors leave this program "undecided" about postsecondary plans. Recommend that students are taught and understand the outlook for the profession in PA and regionally.
- The Student Satisfaction survey data shows a consistent decrease over time in students feeling technically prepared to continue their education. Further explore the reasons why this trend is occurring and how to address it.
- It is recommended that students understand the job outlook in this field is regionally-specific.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Pastry Arts Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Pastry Arts program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI

Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	11	81.8%	8	72.7%
2022-2023	12	91.2%	11	91.2%
2023-2024	11	81.8%	9	81.8%

Data Source: PIMS, FRPAI

2022 Student Performance Data

2023 Student Performance Data

2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	8	0	0	1	5	1	0	0	1
2023	9	2	2	0	3	2	0	0	0
2024	10	1	0	0	7	0	1	0	1

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Pastry Arts students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Pastry Arts Students	2022-2023 number of Pastry Arts Students	2023-2024 number of Pastry Arts Students
AAP Home District	0	1	0
Annville Cleona SD	1	0	1
Cornwall Lebanon SD	3	4	2
Eastern Lebanon SD	3	3	0
Lebanon SD	5	4	4
New Covenant Christian	0	0	0
Northern Lebanon SD	2	2	0
Palmyra SD	1	2	3
Paloma School	0	0	0

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Pastry Arts Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Pastry Arts careers from the entry level through the expert level.
PENNSYLVANIA [SOC Codes]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Bakers	Moderate Term On the Job Training	10,470 positions	1,538 positions	$24,220	$33,430	$37,970
Pathway Professions Related to Pastry Arts						
Food Service Managers	Work Experience	9,570 positions	1,052 positions	$48,830	$69,540	$79,750
Supervisors – Food Preparation & Serving Workers	Work Experience	41,040 positions	6,039 positions	$29,710	$42,040	$48,090

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Pastry Arts Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Bakers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Pastry Arts						
Food Service Managers	Work Experience	N/A	N/A	N/A	N/A	N/A
Supervisors – Food Preparation & Serving Workers	Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Bakers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Pastry Arts						
Food Service Managers	Work Experience	290 positions	33 positions	$49,110	$67,690	$76,840
Supervisors – Food Preparation & Serving Workers	Work Experience	1,310 positions	195 positions	$29,350	$40,780	$46,420

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Bakers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Pastry Arts						
Food Service Managers	Work Experience	670 positions	79 positions	$45,500	$65,680	$75,620
Supervisors – Food Preparation & Serving Workers	Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Pastry Arts Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Pastry Arts Program.

Question	2022 (*n* = 8)	2023 (*n* = 9)	2024 (*n* = 10)
Yes, I feel technically prepared to continue my education.	75%	88.9%	90%
Yes, I will pursue advanced education or a job in this field.	75%	77.8%	100%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	100%	100%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	87.5%	100%	100%
The CTC provided an excellent or good foundation in the use of technology.	100%	100%	100%
My teachers were excellent or good at holding high standards for quality work.	87.5%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	87.5%	100%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Pastry Arts Program has been rated relatively high in most categories by seniors in the Senior Exit Survey for the last three years.
- The overall performance of Patry Arts Program students is above average in the areas of skill competencies and NOCTI testing.
- The outlook for the need for Pastry Arts services in the state of Pennsylvania is consistent but the wages are very low. However, the outlook for Pastry Arts services locally (Berks and Lancaster counties, and the South Central Region) is low. Students would likely have to move out of the area to find work with these skills.
- The Pastry Arts program is represented by many ethnic/races but tends to be female dominant.

Recommendations

- Provide opportunities for more students to experience supervisory duties in order to prepare for higher levels of expertise in the field, i.e., Food Service Manager.
- Consider incorporating Pastry Arts with Culinary Arts, to increase a students' opportunity to find work in the field.
- Consider other CTC's that are graduating pastry arts students and the competitiveness in finding positions for LCCTC students upon graduation.
- Based on local data, there does not appear to be enough jobs locally for students exiting this program.
- Students should be aware that the beginners in the field may not earn a living wage in Pennsylvania.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Plumbing Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Plumbing program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		30		4.8%
2022-2023	672	+8.5%	32	0.0	4.8%
2023-2024	643	-4.5%	34	+0.6%	5.4%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	16	100%	7	43.8%
2022-2023	13	100%	10	76.9%
2023-2024	18	100%	17	94.4%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	14	1	0	0	10	0	2	1
2023	13	0	2	1	9	1	0	0
2024	17	0	2	3	10	0	2	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
20240-Senior Exit Survey

Sending District Information

The following table shows the number of Plumbing students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Plumbing Students	2022-2023 number of Plumbing Students	2023-2024 number of Plumbing Students
Annville Cleona SD	2	0	2
Cornwall Lebanon SD	2	8	7
Eastern Lebanon SD	6	2	2
Lebanon SD	0	2	0
Northern Lebanon SD	3	1	3
Palmyra SD	3	0	4

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Plumbing Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Plumbing careers from the entry level through the expert level.
PENNSYLVANIA [SOC Codes 47-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	16,680 positions	1,446 positions	$45,890	$69,670	$81,380
Construction Laborers	Short or Moderate Term On the Job Training	51,190 positions	4,468 positions	$36,870	$52,290	$59,880
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	29,680 positions	2,386 positions	$55,540	$82,580	$95,900
Construction Managers	HS Diploma & Bachelor Degree	15,960 positions	1,167 positions	$74,010	$115,790	$136,370
Pathway Professions Related to Plumbing						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	10,380 positions	815 positions	$36,990	$51,570	$58,760
Highway Maintenance Workers	Moderate On the Job Training	11,660 positions	1,092 positions	$35,790	$49,180	$55,770
Operating Engineers	Moderate On the Job Training	24,540 positions	2,095 positions	$42,570	$60,010	$68,610

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Plumbing Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	1,970 positions	206 positions	$44,470	$65,630	$76,200
Construction Laborers	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	N/A	N/A	N/A	N/A	N/A

Construction Managers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Plumbing						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Highway Maintenance Workers	Moderate On the Job Training	1,430 positions	153 positions	$34,210	$44,060	$67,590
Operating Engineers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	790 positions	82 positions	$43,840	$66,080	$77,020
Construction Laborers	Short or Moderate Term On the Job Training	1,200 positions	123 positions	$35,260	$50690	$58,290
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	720 positions	70 positions	$54,680	$79,750	$92,100
Construction Managers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Plumbing						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Highway Maintenance Workers	Moderate On the Job Training	270 positions	28 positions	$48,860	$52,050	$57,560
Operating Engineers	Moderate On the Job Training	620 positions	67 positions	$41,020	$56,600	$64,270

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Plumbers, Pipefitters & Steamfitters	HS Diploma Long Term On the Job Training	1,210 positions	126 positions	$43,030	$62,660	$72,330
Construction Laborers	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Supervisors – Construction & Extraction Workers	HS Diploma and 1 yr. minimum training	1,480 positions	144 positions	$54,510	$77,640	$89,040
Construction Managers	HS Diploma & Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Plumbing						
Painters, Construction, & Maintenance	Moderate Term On the Job Training	850 positions	77 positions	$38,420	$49,930	$55,600
Highway Maintenance Workers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Operating Engineers	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Plumbing Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Plumbing Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	64%	62%	71%
Yes, I will pursue advanced education or a job in this field.	71%	100%	88%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	93%	77%	94%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	93%	92%	100%
The CTC provided an excellent or good foundation in the use of technology.	64%	69%	89%
My teachers were excellent or good at holding high standards for quality work.	71%	92%	100%
I rate my overall learning experience at the CTC as either excellent or good.	79%	92%	94%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Plumbing Program is rated as a quality program by the majority of students.
- The PA Skills Certification Report of Plumbing Program students is high. Overall performance has trended upward over the last three with rates beginning at 43% and ending at 94%.
- The outlook for the need of plumbing services in the state of Pennsylvania is consistent and there is room for advancement in the field.
- The Senior Exit Survey provides excellent information for the school's growth and improvement.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Females, African American students, etc.).

Recommendations

- The Plumbing program serves male students based on data provided. The background of the majority of students in the program is Caucasian. Explore opportunities to attract students from other ethnic, race, and gender groups to the field of plumbing.
- Further examine course completion and certification rates for overall performance among students as the data indicates that these range from 62% - 75% over the last three years.
- Consider a review of programming components as less than 75% of students report feeling technically prepared to continue their education based on Senior Exit Surveys.
- Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.

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Precision Machining Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Precision Machining program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	11	N/A	N/A	N/A
2022-2023	5	N/A	5	N/A
2023-2024	12	N/A	12	N/A

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice Position	Military	Other
2022	10	2	1	0	6	0	1	0	0
2023	5	0	0	0	3	1	0	1	0
2024	12	2	2	0	7	0	0	1	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Precision Machining students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Precision Machining Students	2022-2023 number of Precision Machining Students	2023-2024 number of Precision Machining Students
Annville Cleona SD	1	2	2
Cornwall Lebanon SD	4	5	4
Eastern Lebanon SD	3	4	3
Lebanon SD	2	1	1
New Covenant Christian	0	0	1
Northern Lebanon SD	7	3	5
Palmyra SD	2	5	5
Paloma School	0	0	1

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Precision Machining Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Precision Machining careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 51-2028, 47-2073, 49-9041, 51-9162, 17-2112]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
CNC Tool Operators	Moderate Term On the Job Training	10,960 positions	945 positions	$38,810	$53,920	$61,360
CNC Tool Programmer	Post Secondary Training	1,150 positions	112 positions	$48,250	$64,130	$71,950
Multiple Machine Tool Setters/Oprs/ Tenders	Moderate Term On the Job Training	11,410 positions	1,105 positions	$35,880	$45,700	$50,530
Machinist	Long Term On the Job Training	13,360 positions	1,315 positions	$39,660	$53,910	$60,920
Industrial Machinery Mechanics	Long Term On the Job Training	21,940 positions	1,886 positions	$45,120	$61,370	$69,380
Pathway Professions Related to Precision Machining						
Packaging & Filling Machine Oprs/Tenders	Moderate Term On the Job Training	20,770 positions	2,248 positions	$33,190	$43,670	$48,830
Supervisors – Production & Operating Workers	Work Experience	28,190 positions	2,628 positions	$48,310	$72,330	$84,150
Mechanical Engineers	Bachelors Degree	19,620 positions	1,202 positions	$68,780	$105,570	$123,690

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Precision Machining Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
CNC Tool Operators	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
CNC Tool Programmer	Post Secondary Training	1,550 positions	166 positions	$38,740	$51,100	$57,280
Multiple Machine Tool Setters/Oprs/ Tenders	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Machinist	Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Industrial Machinery Mechanics	Long Term On the Job	3,250 positions	317 positions	$46,660	$61,400	$68,780
Pathway Professions Related to Precision Machining						
Packaging & Filling Machine Oprs/Tenders	Moderate Term On the Job Training	3,300 positions	386 positions	$33,200	$43,320	$48,380
Coating, Painting & Spraying Machine Oprs/Tenders	Moderate Term On the Job Training	1,310 positions	147 positions	$37,750	$48,360	$53,670
Cutting & Slicing Machine Setters/Oprs/ Tenders	Moderate Term On the Job Training	480 positions	61 positions	$39,100	$47,650	$51,920
Supervisors – Production & Operating Workers	Work Experience	3,820 positions	384 positions	$48,690	$69,930	$80,550
Mechanical Engineers	Bachelors Degree	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
CNC Tool Operators	Moderate Term On the Job Training	320 positions	34 positions	$38,810	$59,260	$69,330

CNC Tool Programmer	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Multiple Machine Tool Setters/Oprs/ Tenders	Moderate Term On the Job Training	300 positions	31 positions	$40,100	$49,160	$53,620
Machinist	Long Term On the Job Training	560 positions	58 positions	$43,870	$54,530	$59,780
Industrial Machinery Mechanics	Long Term On the Job	1,320 positions	125 positions	$49,390	$63,980	$71,160
Pathway Professions Related to Precision Machining						
Packaging & Filling Machine Oprs/Tenders	Moderate Term On the Job Training	1,140 positions	124 positions	$31,780	$39,530	$43,340
Coating, Painting & Spraying Machine Oprs/Tenders	Moderate Term On the Job Training	280 positions	28 positions	$38,750	$46,220	$49,890
Cutting & Slicing Machine Setters/Oprs/ Tenders	Moderate Term On the Job Training	460 positions	45 positions	$39,950	$51,470	$57,140
Supervisors – Production & Operating Workers	Work Experience	1,090 positions	108 positions	$50,140	$69,200	$78,580
Mechanical Engineers	Bachelors Degree	550 positions	35 positions	$66,520	$93,520	$106,820

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
CNC Tool Operators	Moderate Term On the Job Training	550 positions	58 positions	$38,370	$50,720	$56,800

CNC Tool Programmer	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Multiple Machine Tool Setters/Oprs/ Tenders	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Machinist	Long Term On the Job Training	710 positions	75 positions	$39,040	$51,640	$57,840
Industrial Machinery Mechanics	Long Term On the Job	1,180 positions	114 positions	$44,610	$60,020	$67,620
Pathway Professions Related to Precision Machining						
Packaging & Filling Machine Oprs/Tenders	Moderate Term On the Job Training	1,330 positions	147 positions	$35,460	$46,480	$51,910
Coating, Painting & Spraying Machine Oprs/Tenders	Moderate Term On the Job Training	480 positions	49 positions	$35,620	$45,530	$50,420
Cutting & Slicing Machine Setters/Oprs/ Tenders	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Supervisors – Production & Operating Workers	Work Experience	1,750 positions	119,75 positions	$49,540	$69,510	$79,340
Mechanical Engineers	Bachelors Degree	810 positions	54 positions	$62,880	$90,410	$103,970

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Precision Machining Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Precision Machining Program.

Question	2022 (*n* = 10)	2023 (*n* = 5)	2024 (*n* = 12)
Yes, I feel technically prepared to continue my education.	100%	80%	91.7%
Yes, I will pursue advanced education or a job in this field.	90%	60%	58.3%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	100%	91.7%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	90%	100%	91.7%
The CTC provided an excellent or good foundation in the use of technology.	90%	100%	91.7%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	83.3%
I rate my overall learning experience at the CTC as either excellent or good.	100%	100%	91.7%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Precision Machining Program is rated as high quality by nearly all seniors each year.
- The outlook for the need for Precision Machining services in the state of Pennsylvania, including Berks and Lancaster Counties, and the South Central region, is consistent and there is room for much advancement in the field.

Recommendations

- The Precision Machining program primarily serves white male students (year 2023 is an exception). Explore opportunities to attract students from other ethnic, race, and gender groups to the field of Precision Machining.
- The overall performance of Precision Machining Program students is not known at this time. Consider reviewing the historical data for the students in the program.
- Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.
- Consider expanding this program to meet the job demands. While robotics is not mentioned, this could be a high-demand job in the future and skills obtained from this program would be greatly needed.

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Sports Therapy Sciences Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Sports Therapy (Rehabilitation Aide) program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	619		18		2.9%
2022-2023	672	+8.5%	37	+105.6%	5.5%
2023-2024	643	-4.5%	33	-10.8%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	17	94%	16	94%
2022-2023	15	93%	13	86.7%
2023-2024	18	100%	18	83%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military
2022	15	5	5	2	1	0	1	1
2023	14	6	2	0	0	2	0	3
2024	18	12	2	1	2	0	0	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey

Sending District Information

The following table shows the number of Sports Therapy students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Sports Therapy Students	2022-2023 number of Sports Therapy Students	2023-2024 number of Sports Therapy Students
Annville Cleona SD	0	1	1
Cornwall Lebanon SD	11	11	10
Eastern Lebanon SD	2	5	5
Lebanon SD	2	14	11
Northern Lebanon SD	0	4	4
Palmyra SD	2	2	1

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Sports Therapy Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Sports Therapy careers from the entry level through the expert level. ***PENNSYLVANIA [SOC Codes 29-9091]***

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Athletic Trainers	Master's Degree	2,150 positions	147 positions	$43,990	$56,780	$63,080

Pathway Professions Related to Sports Therapy						
Occupational Therapy Assistants	Moderate Term On the Job Training	10,380 positions	815 positions	$36,990	$51,570	$58,760
Physical Therapist Assistants	Moderate On the Job Training	11,660 positions	1,092 positions	$35,790	$49,180	$55,770
Occupational Therapist	Moderate On the Job Training	24,540 positions	2,095 positions	$42,570	$60,010	$68,610
Physical Therapist	HS Diploma Long Term On the Job Training	16,680 positions	1,446 positions	$45,890	$69,670	$81,380

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Sports Therapy Outlook by Regions/Counties

The following table provides the career outlook for Sports Therapy careers from the entry level through the expert level by regions and counties.

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Athletic Trainers	Master's Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Sports Therapy						
Occupational Therapy Assistants	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Physical Therapist Assistants	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Occupational Therapist	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Physical Therapist	Doctorate	14,130 positions	694 positions	$74,340	$98,970	$111,110

Data Source: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Athletic Trainers	Master's Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Sports Therapy						
Occupational Therapy Assistants	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Physical Therapist Assistants	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Occupational Therapist	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Physical Therapist	Doctorate	470 positions	22 positions	$67,060	$93,850	$107,040

Data Source: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Athletic Trainers	Master's Degree	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Sports Therapy						
Occupational Therapy Assistants	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Physical Therapist Assistants	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Occupational Therapist	Moderate On the Job Training	N/A	N/A	N/A	N/A	N/A
Physical Therapist	Doctorate	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Sports Therapy Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Sports Therapy Program.

Question	2022	2023	2024
Yes, I feel technically prepared to continue my education.	91%	85%	88.9%
Yes, I will pursue advanced education or a job in this field.	100%	77%	72.2%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	100%	100%	88.9%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	100%	100%	100%
The CTC provided an excellent or good foundation in the use of technology.	100%	72.8%	94.4%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	100%	100%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Sports Therapy Sciences Program is rated as high quality by the majority of students.
- The overall performance of Sports Therapy Sciences Program students is high in the areas of skill competencies and NOCTI testing.
- The majority of students in the program intend to pursue this career path after graduation.

Recommendations

- The Sports Therapy Program was formerly known as Rehabilitation Therapy.
- The job outlook for Sports Therapy and related fields in Lancaster, Berks, and South Central Counties is negative, except for the highest levels of physical therapy. Ensure that students know that they may need to relocate to find positions.
- The Sports Therapy Sciences program primarily serves Caucasian students. The program has become slightly more equitable between male and female students. Explore opportunities to attract students from other ethnic and racial groups.
- Provide opportunities for more students to experience internships in order to prepare for higher levels of expertise in the field.
- Ensure students understand the post-secondary education that is needed to achieve the highest levels of Sports Therapy positions.

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Welding Program

School and Program Enrollment Data

The following table provides enrollment data and trends for LCCTC, the Welding program, and the percentage of students in the program compared to total enrollment at the LCCTC.

Year	School Enrollment	Trend	Program Enrollment	Trend	Percentage of Program to School
2021-2022	620		33		5.3%
2022-2023	672	+8.39%	32	-3.03%	4.8%
2023-2024	643	-4.32%	33	+3.13%	5.1%

Data Source: PIMS, FRPAI
Enrollment Data

Course Completion and Certification

The following table shows historical information of the percentage of course completion, recognized credential, and work-based learning.

Year	Number of "Completers" Participating in Assessment	PA Skills Certification Report (PSC): Written PSC Level Adv/Competent	Competent or Advanced on NOCTI/NIMS	Overall Performance PSC Level Adv/Competent
2021-2022	16	87.5%	12	75%
2022-2023	17	100%	16	94.1%
2023-2024	17	100%	4	23.5%

Data Source: PIMS, FRPAI
2022 Student Performance Data
2023 Student Performance Data
2024 Student Performance Data

Post-Secondary Data

The following table shows historical information of post-secondary information.

Grad. Year	# of Program Graduates	4 yr. Post-Secondary Institution	2 yr. Post-Secondary Institution	Voc/Tech School	PA Workforce Full Time	PA Workforce Part Time	Apprentice position	Military	Other
2022	15	0	2	0	6	2	0	5	0
2023	7	0	0	1	4	0	1	1	0
2024	3	0	1	1	1	0	0	0	0

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Sending District Information

The following table shows the number of Welding students sent by the Lebanon County sending districts.

Sending District	2021-2022 number of Welding Students	2022-2023 number of Welding Students	2023-2024 number of Welding Students
AAP Home District	0	0	0
Annville Cleona SD	2	4	1
Cornwall Lebanon SD	13	10	8
Eastern Lebanon SD	8	7	7
Lebanon SD	3	7	7
New Covenant Christian	0	0	0
Northern Lebanon SD	5	3	5
Palmyra SD	5	4	5
Paloma School	0	0	0

Data Source:
2021-2022 - Enrollment by District & Program
2022-2023 – Enrollment by District & Program
2023-2024 – Enrollment by District & Program

Additional Information

Job Outlook for Welding Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Welding careers from the entry level through the expert level.
PENNSYLVANIA [SOC Codes, 51-4121, 51-2090, 51-1011]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers & Brazers	Moderate Training On the Job Training	17,640 positions	1,724 positions	$39,860	$52,030	$58,020
Misc. Assemblers & Fabricators	Moderate Training On the Job Training	50,460 positions	5,131 positions	$31,160	$41,500	$46,590
Pathway Professions Related to Welding						
Supervisors – Production & Operating Workers	Work Experience	28,190 positions	2,628 positions	$48,310	$72,330	$84,150

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Welding Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers & Brazers	Moderate Training On the Job Training	3,100 positions	341 positions	$40,170	$51,690	$57,450
Misc. Assemblers & Fabricators	Moderate Training On the Job Training	N/A	N/A	N/A	N/A	N/A
Pathway Professions Related to Welding						
Supervisors – Production & Operating Workers	Work Experience	3,820 positions	384 positions	$48,690	$69,930	$80,550

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers & Brazers	Moderate Training On the Job Training	630 positions	69 positions	$40,310	$50,080	$54,900
Misc. Assemblers & Fabricators	Moderate Training On the Job Training	N/A	N/A	N/A	N/A	N/A
Molding, Coremaking & Casting Machine Setters/Oprs/ Tenders	Moderate Training On the Job Training	350 positions	34 positions	$33,430	$44,620	$50,140
Pathway Professions Related to Welding						
Supervisors – Production & Operating Workers	Work Experience	1,090 positions	108 positions	$50,140	$69,200	$78,580

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers & Brazers	Moderate Training On the Job Training	1,420	156 positions	$40,420	$50,770	$55,770
Misc. Assemblers & Fabricators	Moderate Training On the Job Training	N/A	N/A	N/A	N/A	N/A
Molding, Coremaking & Casting Machine Setters/Oprs/ Tenders	Moderate Training On the Job Training	760 positions	75 positions	$33,360	$44,670	$50,240

Pathway Professions Related to Welding						
Supervisors – Production & Operating Workers	Work Experience	1,750 positions	175 positions	$49,540	$69,510	$79,340

Data Source BY REGION: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Welding Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00.
There is a plan for (2) teachers in the future: Instructional Cost (Salary & Benefits): approximately $232,000.00.
Data Source:
State Budget 2024

Student Satisfaction

The following table reports the historical perception of students in the Welding Program.

Question	2022 (*n* = 15)	2023 (*n* = 7)	2024 (*n* = 3)
Yes, I feel technically prepared to continue my education.	100%	85.7%	100%
Yes, I will pursue advanced education or a job in this field.	86.7%	85.7%	100%
Yes, I had a positive learning experience at the CTC.	100%	100%	100%
I rate the safety of the learning environment at the CTC as either excellent or good.	86.6%	85.7%	100%
I rate the quality of my classroom instruction at the CTC as either excellent or good.	93.3%	100%	100%
The CTC provided an excellent or good foundation in the use of technology.	86.7%	100%	100%
My teachers were excellent or good at holding high standards for quality work.	100%	100%	100%
I rate my overall learning experience at the CTC as either excellent or good.	86.7%	85.7%	100%

Data Source:
2022 – Senior Exit Survey
2023 – Senior Exit Survey
2024 – Senior Exit Survey

Commendations

- The Welding program is highly regarded by seniors in terms of instruction, preparedness, learning experiences, and environment.
- The performance of the Welding program is consistently high for the PA Skills Certification but mixed for the NOCTI.
- The outlook for the need of Welding services in the state of Pennsylvania, as well as the South Central region, and Berks & Lancaster counties is consistent and there is room for advancement in the field.
- The Senior Exit Survey provides demographic data by program that may help to guide the school's efforts of attracting other populations of people to the field (i.e. Females & African American students).

Recommendations

- The Welding program primarily serves male students. The background of most students in the program is Caucasian. Explore opportunities to attract students from other ethnic, race, and gender groups to the field of Welding.
- Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.
- The job outlook, room for advancement, and student interest is high for this program. Doubling the seats as planned, will benefit students.

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Part B:
Analysis of Potential Future LCCTC Programs

Agriculture & Food Science Technicians
Aviation Mechanics
Cosmetology (Examining the possibility of enlarging this program)
Cyber Security
Heating, Ventilation, & Air Conditioning (HVAC)
Logistics & Supply Chain Management
Power Sports
Welding (Examining the possibility of enlarging this program)

Please note if there is an "N/A" there was no data available to report

Future Programming:
Agriculture & Food Science Technicians

Job Outlook for Agriculture & Food Science Technicians in Pennsylvania

The following table provides the career outlook for Agriculture & Food Science careers from the entry level through the expert level:

Pennsylvania [SOC 19-0000 & 49-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Agriculture & Food Service Technicians [19-4010]	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Related Future Pathways and Advancement						
Occupational Health & Safety Specialists [19-5011]	Bachelors	4,700 positions	529 positions	$55,960	$81,140	$93,540
Farm Equipment Mechanics & Service Technicians 49-3041	HS Diploma + 1 Year of Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Agriculture & Food Science Technicians Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Agriculture & Food Service Technicians [19-4010]	Moderate Term On the Job Training	190 positions	25	N/A	N/A	N/A

Related Future Pathways and Advancement						
Occupational Health & Safety Specialists [19-5011]	Bachelors	N/A	N/A	N/A	N/A	N/A
Farm Equipment Mechanics & Service Technicians 49-3041	HS Diploma + 1 Year of Work Experience	380 positions	39 positions	$34,410	$44,610	$49,710

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Agriculture & Food Service Technicians [19-4010]	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Related Future Pathways and Advancement						
Occupational Health & Safety Specialists [19-5011]	Bachelors	N/A	N/A	N/A	N/A	N/A
Farm Equipment Mechanics & Service Technicians [49-3041]	HS Diploma + 1 Year of Work Experience	N/A	N/A	$36,180	$48,630	$54,770

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Agriculture & Food Service Technicians [19-4010]	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A

Related Future Pathways and Advancement						
Occupational Health & Safety Specialists [19-5011]	Bachelors	120 positions	15 positions	N/A	N/A	N/A
Farm Equipment Mechanics & Service Technicians [49-3041]	HS Diploma + 1 Year of Work Experience	400 positions	40 positions	$35,490	$50,110	$57,310

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Welding Program

Two (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $161,000.00
Data Source:
State Budget 2024

Commendations

- The LCCTC is committed to staying current with the outlook for professions that are unique to Pennsylvania.
- There is some opportunity for Farm Equipment Mechanics by region, but the outlook for the future is limited and unclear at this time.

Recommendations

- Embedding Farm Equipment Mechanics and Service Technicians with other mechanics or machinists fields, my allow students to be exposed to this side of machining.
- It is recommended that the cost of this type of a program is evaluated carefully prior to opening this program, due to the equipment that will be needed.
- It is recommended that the CTC determine which other Career and Tech Centers are offering this program so the field does not become saturated and students are unable to find work in PA.

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Future Programming:
Aviation Mechanics & Service Technicians

Job Outlook for Aviation Mechanic & Service Technician Career & Opportunities in Pennsylvania

The following table provides the career outlook for Aviation Mechanics careers from the entry level through the expert level in Pennsylvania.

Aircraft/Aviation Mechanics SOC number 49-3011 is not listed on the 2024 Pennsylvania In-Demand Occupations List (***Pennsylvania SOC Code 49-0000***).

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Aviation Mechanic & Service Technician Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA
BERKS COUNTY
LANCASTER COUNTY

Aircraft/Aviation Mechanics SOC number 49-3011 is not listed on the 2024 High Priority Occupations List for neighboring counties and regions (***SOC Code 49-0000***).

Data Source: ***2024 High Priority Occupations for South Central Workforce Development Area***

Aviation Mechanics & Service Technicians

According to U.S. Bureau of Labor Statistics, there is a low demand for Aircraft Mechanics and Service Technicians in Pennsylvania at this time. It is predicted that the future need for Aircraft Mechanics and Service Technicians will increase 4% by 2033.

Data Source: ***Bureau of Labor and Statistics***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Aviation Mechanics& Service Technicians Program.

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations

- The LCCTC is commended for continuously exploring future programming that will promote high interest for students.

Recommendations

- Although there may be high interest for Aviation Mechanics Programming, there appears to be low demand for this career pathway with limited growth in the future. The states with the highest demand for Aviation Mechanics are Texas, Florida, California, Oklahoma, and Georgia.
- Ensure that students are aware that the highest quotient of aviation mechanics and service technicians work in urban/metropolitan centers throughout the United States.
- It is recommended to pause on introducing aviation mechanics to the LCCTC programming offerings at this time.

Future Programming: Cosmetology

Job Outlook for Cosmetology Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Cosmetology careers from the entry level through the expert level:

Pennsylvania [SOC 39-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Hairdressers, Hairstylists, & Cosmetologists	HS Diploma & Post Secondary Training	40,650 positions	5,589 positions	$21,420	$38,070	$46,280
Related Future Pathways and Advancement						
Manicurist & Pedicurist	HS Diploma & Post Secondary Training	9,730 positions	1,162 positions	$20,480	$27,750	$31,330
Supervisors-Person Service Care Workers	HS Diploma & Hands on Work Experience	12,290 positions	1,362 positions	$33,730	$48,870	$56,320

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Cosmetology Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Hairdressers, Hairstylists, & Cosmetologists	HS Diploma & Post Secondary Training	N/A	N/A	N/A	N/A	N/A
Related Future Pathways and Advancement						
Manicurist & Pedicurist	HS Diploma & Post Secondary Training	N/A	N/A	N/A	N/A	N/A
Supervisors-Person Service Care Workers	HS Diploma & Hands on Work Experience	490 positions	54 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Hairdressers, Hairstylists, & Cosmetologists	HS Diploma & Post Secondary Training	N/A	N/A	N/A	N/A	N/A
Related Future Pathways and Advancement						
Manicurist & Pedicurist	HS Diploma & Post Secondary Training	N/A	N/A	N/A	N/A	N/A
Supervisors-Person Service Care Workers	HS Diploma & Hands on Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Hairdressers, Hairstylists, & Cosmetologists	HS Diploma & Post Secondary Training	N/A	N/A	N/A	N/A	N/A

Related Future Pathways and Advancement						
Manicurist & Pedicurist	HS Diploma & Post Secondary Training	N/A	N/A	N/A	N/A	N/A
Supervisors-Person Service Care Workers	HS Diploma & Hands on Work Experience	640 positions	73 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Welding Program

Two (2) Teachers for 2024/2025: Instructional Cost (Salary & Benefits): approximately $232,000.00
Data Source:
State Budget 2024

Commendations

- The LCCTC is commended for continuously exploring future programming that will promote high interest for students.

Recommendations

- Although there may be high interest for Cosmetology Programming, there appears to be low demand for this career pathway with limited growth in the future.
- Ensure cosmetology students are aware of the saturation in the field and the limited salaries associated with the cosmetology career path.
- It is recommended that LCCTC pause on enlarging the Cosmetology Program and to consider limiting offerings to its current size (as a one teacher program).

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Future Programming: Cyber Security

Job Outlook for Cyber Security Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Cyber Security careers from the entry level through the expert level:

Pennsylvania [SOC 15-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Data Scientists	Bachelor Degree	5,060 positions	388 positions	$60,280	$102,370	$123,090
Information Security Analyst	Bachelor Degree +	5,720positions	423 positions	$66.680	$112,850	$135,590
Statistician	Masters Degree	3,380 positions	255 positions	$57,210	$96,810	$116,310
Operations Research Analyst	Bachelor Degree	3,800 positions	276 positions	$49,530	$82,110	$98,160
Related Future Pathways and Advancement						
Computer User Support Specialists	HS Diploma Post Secondary Training +	31,190 positions	2,156 positions	$38,740	$60,140	$70,690
Computer Systems Analyst	Bachelor Degree	23,860 positions	1,533 positions	$60,990	$93,040	$108,820
Software Developers	Bachelor Degree	53,670 positions	3,488 positions	$76,710	$117,110	$137,270
Software Quality Analysts & Testers	Bachelor Degree	7,110 positions	511 positions	$61,320	$93,720	$109,680

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Cyber Security Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Data Scientists	Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Information Security Analyst	Bachelor Degree +	N/A	N/A	N/A	N/A	N/A
Statistician	Masters Degree	N/A	N/A	N/A	N/A	N/A
Operations Research Analyst	Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Related Future Pathways and Advancement						
Computer User Support Specialists	HS Diploma Post Secondary Training +	220 positions	17 positions	$37,190	$57,790	$68,090
**Network* & Computer Systems Analyst	Bachelor Degree	540 positions	35 positions	$60,070	$85,700	$98,510
Software Developers	Bachelor Degree	1,100 positions	93 positions	N/A	N/A	N/A
Software Quality Analysts & Testers	Bachelor Degree	1,100 positions	93 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Data Scientists	Bachelor Degree	N/A	N/A	N/A	N/A	Data Scientists
Information Security Analyst	Bachelor Degree +	N/A	N/A	N/A	N/A	Information Security Analyst
Statistician	Masters Degree	N/A	N/A	N/A	N/A	Statistician
Operations Research Analyst	Bachelor Degree	N/A	N/A	N/A	N/A	Operations Research Analyst
Related Future Pathways and Advancement						
Computer User Support Specialists	HS Diploma Post Secondary Training +	640 positions	50 positions	$41,280	$59,520	$68,510
Computer Systems Analyst	Bachelor Degree	380 positions	27 positions	$60,490	$83,550	$94,910
Software Developers	Bachelor Degree	1,060 positions	93 positions	N/A	N/A	N/A
Software Quality Analysts & Testers	Bachelor Degree	1,060 positions	93 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Data Scientists	Bachelor Degree	5,060 positions	388 positions	$60,280	$102,370	$123,090
Information Security Analyst	Bachelor Degree +	5,720 positions	423 positions	$66.680	$112,850	$135,590
Statistician	Masters Degree	3,380 positions	255 positions	$57,210	$96,810	$116,310
Operations Research Analyst	Bachelor Degree	3,800 positions	276 positions	$49,530	$82,110	$98,160
Related Future Pathways and Advancement						
Computer User Support Specialists	HS Diploma Post Secondary Training +	31,190 positions	2,156 positions	$38,740	$60,140	$70,690

Computer Systems Analyst	Bachelor Degree	23,860 positions	1,533 positions	$60,990	$93,040	$108,820
Software Developers	Bachelor Degree	53,670 positions	3,488 positions	$76,710	$117,110	$137,270
Software Quality Analysts & Testers	Bachelor Degree	7,110 positions	511 positions	$61,320	$93,720	$109,680

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Cyber Security Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations

- Pennsylvania has future needs for skilled professionals in the field of Computer Programming and in some regions, Cyber Security is a pathway that will need many new positions in the future.
- The Cyber Security field allows for some advancement through specialization and supervisory roles.
- The Cyber Security field has a competitive salary with room for growth.

Recommendations

- Computer Programming is a field that has a great deal of opportunity in the future. Within that area of expertise lies Cyber Security. Cyber Security opportunity appears to be region specific. Ensure students know about the additional education and expertise needed to pursue a career in cyber security.
- Adding Cyber Security programming should have a foundational piece of computer programming. Students should have a full understanding of the demand for cyber security and related pathways to the career.
- Cyber Security curriculum will need to be flexible and adaptable to accommodate rapidly changing technology.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Future Programming: Heating, Ventilation, and Air Conditioning (HVAC)

Job Outlook for HVAC Careers & Opportunities in Pennsylvania

The following table provides the career outlook for HVAC careers from the entry level through the expert level:

Pennsylvania [SOC 49-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Heating, A/C & Refrigeration Mechanics and Installer	HS Diploma Post Secondary Training +	19,970 positions	1,719 positions	$41,050	$58,920	$67,730
Related Future Pathways and Advancement						
Industrial Machinery Mechanics	HS Diploma & Long Term Training or Apprenticeship	21,940 positions	1,886 positions	$45,120	$61,370	$69,380
Supervisors-Mechanics, Installers, & Repairers	HS Diploma & Hands on Work Experience	23,240 positions	1,942 positions	$49,940	$76,130	$89,040

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

HVAC Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Heating, A/C & Refrigeration Mechanics and Installer	HS Diploma Post Secondary Training +	880 positions	85 positions	$39,200	$52,620	$59,330

Related Future Pathways and Advancement						
Industrial Machinery Mechanics	HS Diploma & Long Term Training or Apprenticeship	1,470 positions	143 positions	$43,350	$57,870	$65,130
Supervisors-Mechanics, Installers, & Repairers	HS Diploma & Hands on Work Experience	890 positions	82 positions	$47,910	$70,400	$81,650

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Heating, A/C & Refrigeration Mechanics and Installer	HS Diploma Post Secondary Training +	460 positions	43 positions	$42,160	$58,640	$66,760
Related Future Pathways and Advancement						
Industrial Machinery Mechanics	HS Diploma & Long Term Training or Apprenticeship	1,320 positions	125 positions	$49,390	$63,980	$71,160
Supervisors-Mechanics, Installers, & Repairers	HS Diploma & Hands on Work Experience	710 positions	65 positions	$53,420	$77,580	$89,470

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Heating, A/C & Refrigeration Mechanics and Installer	HS Diploma Post Secondary Training +	1,320 positions	129 positions	$42,440	$58,430	$66,310
Related Future Pathways and Advancement						
Industrial Machinery Mechanics	HS Diploma & Long Term Training or Apprenticeship	1,180 positions	114 positions	$44,610	$60,020	$67,620
Supervisors-Mechanics, Installers, & Repairers	HS Diploma & Hands on Work Experience	1,110 positions	103 positions	$52,430	$74,540	$85,430

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the HVAC Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations

- Pennsylvania has future needs for skilled professionals in the field of HVAC.
- The HVAC field allows for some advancement through specialization and supervisory roles.
- The HVAC field allows for a living wage with room for growth.

Recommendations

- Adding the Heating, Ventilation and Air Conditioning (HVAC) Program will round out the carpentry, plumbing, masonry, and electrical programs that already exist at the LCCTC.

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Future Programming:
Logistics Supply/Chain Management

Job Outlook for Welding Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Logistics Supply/Chain Management careers from the entry level through the expert level:

Pennsylvania [SOC 13-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Logisticians [13-1081]	Bachelors	10,070 positions	896 positions	$51,990	$79,830	$93,550
Related Future Pathways and Advancement						
Buyers/ Purchasing Agents [13-1020]	Bachelors + Work Experience	16,690 positions	1,430 positions	$46,100	$73,810	$87,450
Management Analysts [13-1111]	Bachelors + Work Experience	35,080 positions	2,995 positions	$61,250	$98,460	$116,790

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Logistics Supply/Chain Management Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Logisticians [13-1081]	Bachelors	1,270 positions	127 positions	$51,430	$80,960	$95,720
Related Future Pathways and Advancement						
Buyers/ Purchasing Agents [13-1020]	Bachelors + Work Experience	1,990 positions	192 positions	$45,220	$71,940	$85,300
Management Analysts [13-1111]	Bachelors + Work Experience	5,400 positions	527 positions	$59,700	$87,620	$95,720

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Logisticians [13-1081]	Bachelors	N/A	N/A	N/A	N/A	N/A
Related Future Pathways and Advancement						
Buyers/ Purchasing Agents [13-1020]	Bachelors + Work Experience	410 positions	38 positions	$45,210	$68,160	$79,470
Management Analysts [13-1111]	Bachelors + Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Logisticians [13-1081]	Bachelors	250 positions	25 positions	$45,470	$69,360	$73,960

Related Future Pathways and Advancement						
Buyers/ Purchasing Agents [13-1020]	Bachelors + Work Experience	N/A	N/A	N/A	N/A	N/A
Management Analysts [13-1111]	Bachelors + Work Experience	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Logistics Program

Two (1) Teacher: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations

- Pennsylvania has significant future needs for skilled professionals in the logistics profession; however, specialization is regionally dependent.
- This field allows for advancement through advanced education, specialization, and supervisory opportunities.
- This field allows for a living wage with room for growth.

Recommendations

- Ensure that students are aware that this profession requires a 4-year college education.
- Ensure students are aware of the lower-level multiple pathways that can be taken to arrive at this profession.
- Ensure students are aware of the regional opportunities and constraints for logistics positions.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Future Programming: Power Sports

Job Outlook for Power Sports Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Power Sports careers from the entry level through the expert level:

Pennsylvania [SOC 49-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
General Maintenance & Repair Workers	Short or Moderate Term On the Job Training	63,780 positions	5,874 positions	$32,690	$48,970	$56,980
Automotive Service Technicians & Mechanics	HS Diploma & Post Secondary Training	36,780 positions	3,142 positions	$33,390	$50,380	$58,750
Bus & Truck Mechanics & Diesel Engine Specialists	HS Diploma Long Term Training or Apprenticeship	14,000 positions	1,164 positions	$41,070	$56,210	$63,670
Heating, A/C & Refrigeration Mechanics & Installers	HS Diploma & Post Secondary Training +	19,970 positions	1,719 positions	$41,050	$58.,920	$67,730
Industrial Machinery & Mechanics	HS Diploma Long Term Training or Apprenticeship	21,940 positions	1,886 positions	$45,120	$61,370	$69,380
Medical Equipment Repairs	HS Diploma & Associates Degree +	2,560 positions	247 positions	$38,950	$61,910	$73,230
Supervisors – Mechanics,	HS Diploma &	22,240 positions	1,942 positions	$49,940	$76,130	$89,040

Installers, & Repairers	Hands-On Work Experience					

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Power Sports Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
General Maintenance & Repair Workers	Short & Moderate Term On the Job Training	7,240 positions	719 positions	$33,800	$49,170	$56,850
Automotive Service Technicians & Mechanics	HS Diploma & Post Secondary Training	4,150 positions	407 positions	$32,900	$48,510	$56,320
Bus & Truck Mechanics & Diesel Engine Specialists	HS Diploma Long Term & On the Job Training	1,990 positions	189 positions	$43,370	$57,130	$64,020
Heating, A/C & Refrigeration Mechanics & Installers	HS Diploma & Post Secondary Training +	1,760 positions	172 positions	$42,660	$57,710	$65,240
Industrial Machinery & Mechanics	HS Diploma & Long Term On the Job Training	3,250 positions	317 positions	$46,660	$61,400	$68,780
Medical Equipment Repairs	HS Diploma & Associates Degree +	N/A	N/A	N/A	N/A	N/A
Supervisors – Mechanics, Installers, & Repairers	HS Diploma & Hands-On Work Experience	2,590 positions	244 positions	$49,470	$73,680	$85,780
Region Specific Pathways						
Farm Equipment Mechanics & Service Technicians	HS Diploma & Long Term On the Job Training	380 positions	39 positions	$34,410	$44,610	$49,710
Mobile Heavy Equipment Mechanics	HS Diploma & Long Term On the Job Training	1,110 positions	115 positions	$51,920	$60,180	$64,320
Electrical Power Line Installers & Repairers	HS Diploma & Long Term On the Job Training	580 positions	55 positions	$68,050	$92,560	$104,810
Telecommunications Line Installers & Repairers	HS Diploma & Long Term On the Job Training	190 positions	22 positions	$54,550	$77,240	$88,580

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
General Maintenance & Repair Workers	Short & Moderate Term On the Job Training	2,160 positions	213 positions	$35,270	$51,700	$59,800
Automotive Service Technicians & Mechanics	HS Diploma & Post Secondary Training	1,010 positions	100 positions	$35,690	$50,390	$57,620
Bus & Truck Mechanics & Diesel Engine Specialists	HS Diploma Long Term & On the Job Training	460 positions	43 positions	$44,140	$57,000	$63,330
Heating, A/C & Refrigeration Mechanics & Installers	HS Diploma & Post Secondary Training +	460 positions	43 positions	$42,160	$58,640	$66,760
Industrial Machinery & Mechanics	HS Diploma & Long Term On the Job Training	1,320 positions	125 positions	$49,390	$63,980	$71,160
Medical Equipment Repairs	HS Diploma & Associates Degree +	N/A	N/A	N/A	N/A	N/A

Supervisors – Mechanics, Installers, & Repairers	HS Diploma & Hands-On Work Experience	710 positions	65 positions	$53,420	$77,580	$89,470
Region Specific Pathways						
Farm Equipment Mechanics & Service Technicians	HS Diploma & Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Mobile Heavy Equipment Mechanics	HS Diploma & Long Term On the Job Training	250 positions	26 positions	$42,160	$59,680	$68,310
Electrical Power Line Installers & Repairers	HS Diploma & Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Telecommunications Line Installers & Repairers	HS Diploma & Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
General Maintenance & Repair Workers	Short & Moderate Term On the Job Training	3,710 positions	315 positions	$31,770	$48,630	$56,940
Automotive Service Technicians & Mechanics	HS Diploma & Post Secondary Training	1,890 positions	185 positions	$35,780	$50,320	$57,480
Bus & Truck Mechanics & Diesel Engine Specialists	HS Diploma Long Term & On the Job Training	820 positions	77 positions	$42,730	$56,740	$63,650
Heating, A/C & Refrigeration Mechanics & Installers	HS Diploma & Post Secondary Training +	1,320 positions	129 positions	$42,440	$58,430	$66,310
Industrial Machinery & Mechanics	HS Diploma & Long Term On the Job Training	1,180 positions	114 positions	$44,610	$60,020	$67,620
Medical Equipment Repairs	HS Diploma & Associates Degree +	N/A	N/A	N/A	N/A	N/A
Supervisors – Mechanics, Installers, & Repairers	HS Diploma & Hands-On Work Experience	1,110 positions	103 positions	$53,430	$74,540	$85,430
Region Specific Pathways						
Farm Equipment Mechanics & Service Technicians	HS Diploma & Long Term On the Job Training	400 positions	40 positions	$35,490	$50,110	$57,310
Security & Fire Alarm Systems Installers	HS Diploma & Moderate Term On the Job Training	210 positions	21 positions	$44,090	$66,250	$74,780
Mobile Heavy Equipment Mechanics	HS Diploma & Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Electrical Power Line Installers & Repairers	HS Diploma & Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Telecommunications Line Installers & Repairers	HS Diploma & Long Term On the Job Training	N/A	N/A	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Power Sports Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations
• Pennsylvania has limited future needs for skilled professionals in the power sports field; however, specialization is regionally dependent. • The field of Power Sports allows for specialization and for some advancement.

Recommendations
Survey existing LCTCC and future LCTCC students in the 24/25 school year to determine if there is interest in this program. Collaborate with other CTC programs that host Power Sports Programs to evaluate the following: • Student interest in the program. • Job placement opportunities for graduates. • Ability to secure teachers with expertise in the field. Ensure power sports students are aware of the regional specificity of positions in this field and the non-competitive salaries in the state of Pennsylvania. Encourage additional degrees and training in related fields for interested students.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Future Programming: Welding

Job Outlook for Welding Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Welding careers from the entry level through the expert level:

Pennsylvania [SOC 51-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers, & Brazers	Moderate Term On the Job Training	17,640 positions	1,724 positions	$39,860	$52,030	$58.020
Related Future Pathways and Advancement						
Machinists	HS Diploma & Long Term Training or Apprenticeship	13,360 Positions	1,315 positions	$39,660	$53,910	$60,920
Supervisors-Production & Operating Workers	HS Diploma & Hands on Work Experience	28,190 positions	2,628 positions	$48,310	$72,130	$84,150

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Welding Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers, & Brazers	Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A

Related Future Pathways and Advancement						
Machinists	HS Diploma & Long Term Training or Apprenticeship	440 positions	64 positions	$38,470	$51,630	$60,400
Supervisors-Production & Operating Workers	HS Diploma & Hands on Work Experience	1,600 positions	161 positions	$44,520	$65,820	$76,470

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers, & Brazers	Moderate Term On the Job Training	630 positions	69 positions	$40,310	$50,080	$54,900
Related Future Pathways and Advancement						
Machinists	HS Diploma & Long Term Training or Apprenticeship	560 positions	58 positions	$43,870	$54,530	$59,780
Supervisors-Production & Operating Workers	HS Diploma & Hands on Work Experience	1,040 positions	108 positions	$50,140	$69,200	$78,580

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Welders, Cutters, Solderers, & Brazers	Moderate Term On the Job Training	1,420 Positions	156 positions	$40,420	$50,700	$55,770
Related Future Pathways and Advancement						
Machinists	HS Diploma & Long Term Training or Apprenticeship	710 Positions	75 positions	$39,040	$51,640	$57,840
Supervisors-Production & Operating Workers	HS Diploma & Hands on Work Experience	1,750 positions	175 positions	$49,540	$69,510	$79,340

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Welding Program

Two (2) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $232,000.00
Data Source:
State Budget 2024

Commendations

- Pennsylvania has future needs for skilled professionals in the welding profession; however, specialization is regionally dependent.
- This field allows for advancement through specialization and supervisory roles.
- This field allows for a living wage with room for growth.

Recommendations

Introduce and make students aware of the various related pathways in production careers; including but not limited to:

- Machinists & Multiple Machine Tool Setters & Operators
- Printing Press Operators
- Coating, Painting, & Spraying Machine Setters and Operators
- Mixing & Bending Matching Setters & Operators
- CNC Tool Operators & Programmers
- Inspectors, Testers, Sorters, Samplers, and Weighers

Ensure students are aware of the regional opportunities and constraints for welding positions.

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Part C:
Analysis of LCCTC Programs Requested by Students

Childcare & Teaching
Pare-legal & Legal Assistant
Veterinary Technician
Video Game Design

Please note if there is an "N/A" there was no data available to report

Requested Programming:
Child Care/Early Childhood Teaching

Job Outlook for Child Care/Teaching Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Childcare/Early Childhood Teaching careers from the entry level through the expert level:

Pennsylvania [SOC 25-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Childcare Workers	Short Term On the Job Training	45,060 positions	7,416 positions	$22,810	$29,480	$32,770
Teaching Assistants	HS Diploma Post Secondary Training +	47,830 positions	5,500 positions	$25,410	$33,460	$37.430
Tutors	HS Diploma Post Secondary Training +	5,300 positions	897 positions	$25,640	$43,320	$52,020
Pre-School Special Education Teachers	Bachelor Degree	650 positions	44 positions	$47,680	$66,720	$76,090
Elementary Teachers	Bachelor Degree	5,470 positions	363 positions	$53,940	$73,360	$84,420
Related Career Pathways						
Child/Family School Social Workers	Bachelor Degree	22,360 positions	1,756 positions	$38,830	$54,160	$61,710

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Child Care/Teaching Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Childcare Workers	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Teaching Assistants	HS Diploma Post Secondary Training +	N/A	N/A	N/A	N/A	N/A
Tutors	HS Diploma Post Secondary Training +	N/A	N/A	N/A	N/A	N/A
Pre-School Special Education Teachers	Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Elementary Teachers	Bachelor Degree	2,140 positions	157 positions	$51,980	$67,820	$75,740
Related Career Pathways						
Child/Family School Social Workers	Bachelor Degree	1,280 positions	121 positions	$37,670	$50,920	$57,550

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Childcare Workers	Short Term On the Job Training	1,110 positions	152 positions	$21,490	$27,620	$30,650
Teaching Assistants	HS Diploma Post Secondary Training +	N/A	N/A	N/A	N/A	N/A
Tutors	HS Diploma Post Secondary Training +	N/A	N/A	N/A	N/A	N/A
**Pre-School Teachers (Not Special Education)	Bachelor Degree	350 positions	36 positions	$26,860	$36,410	$41,120
Pre-School Special Education Teachers	Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Elementary Teachers	Bachelor Degree	1,390 positions	104 positions	$52,430	$71,450	$80,820
Related Career Pathways						
Child/Family School Social Workers	Bachelor Degree	770 positions	75 positions	$38,010	$52,420	$59,510

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Childcare Workers	Short Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Teaching Assistants	HS Diploma Post Secondary Training +	N/A	N/A	N/A	N/A	N/A
Tutors	HS Diploma Post Secondary Training +	N/A	N/A	N/A	N/A	N/A
**Self-Enrichment Teachers	HS Diploma Work Experience in Related Field	660 Positions	78 positions	$27,790	$45,710	$54,540
Pre-School Special Education Teachers	Bachelor Degree	N/A	N/A	N/A	N/A	N/A

Elementary Teachers	Bachelor Degree	2,600 positions	196 positions	$55,010	$71,230	$79,210
Related Career Pathways						
Child/Family School Social Workers	Bachelor Degree	850 positions	82 positions	$39,630	$51,950	$58,020

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Childcare/Early Childhood Teaching Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations

- Childcare fields are a current and future need in Pennsylvania.
- Childcare fields are more limited and specific in the regional areas.
- Childcare options are a requested program according to student surveys.
- Teaching positions pay a living wage, with benefits and security.

Recommendations

- There is a significant future need for childcare and early childhood related fields in Pennsylvania. Consider a pathway program to help prepare interested students in the areas of child development, special education, and teaching.

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LEBANON COUNTY CAREER AND TECHNOLOGY CENTER

Requested Programming: Paralegal & Legal Professions

Job Outlook for Paralegal & Legal Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Paralegal and Legal Professions from the entry level through the expert level in Pennsylvania.

Position Title and PA SOC Code	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Paralegals & Legal Assistants 23-2011	Associate's degree	11,530 positions	1,192 positions	$44,280	$65,940	$76,600
Lawyers 23-1011	Doctoral Level Degree	33,170 positions	1,471 positions	$75,280	$159,290	$200,670

Data Source: ***2024 Pennsylvania In-Demand Occupations List***

Paralegal & Legal Opportunities Outlook by Region/County

The following table provides the career outlook for Paralegal and Legal Professions careers from the entry level through the expert level by regions and counties.

SOUTH CENTRAL PENNSYLVANIA

Position Title and PA SOC Code	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Paralegals & Legal Assistants 23-2011	Associate's degree	1,730 positions	196 positions	$43,440	$57,680	$64,800
Lawyers 23-1011	Doctoral Level Degree	3,300 positions	173 positions	$83,740	$147,310	$179,100

Data Source: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title and PA SOC Code	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Paralegals & Legal Assistants 23-2011	Associate's degree	260 positions	30 positions	$41,730	$58,960	$67,440
Lawyers 23-1011	Doctoral Level Degree	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title and PA SOC Code	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Paralegals & Legal Assistants 23-2011	Associate's degree	450 positions	50 positions	$43,440	$57,510	$64,440
Lawyers 23-1011	Doctoral Level Degree	N/A	N/A	N/A	N/A	N/A

Data Source: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support Paralegal & Legal Program.

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source: ***State Budget 2024***

Commendations

- Students have specified some interest in the paralegal and legal careers pathway on senior surveys.
- There is a consistent future need for paralegal, legal assistants, and lawyers in Pennsylvania.
- Although the paralegal profession provides a living wage and some growth potential; opportunities for advancement and a significantly higher salary in this field requires advanced degrees.

Recommendations

- Due to the relatively lower cost of implementing a paralegal program, LCCTC might consider further exploration from sending schools to determine if this pathway may be recommended for future programming.

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Requested Programming: Veterinary Technician

Job Outlook for Veterinary Technician Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Veterinary related careers from the entry level through the expert level:

Pennsylvania [SOC 39-0000 & 29-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Veterinary Assistants & Laboratory Animal Caretakers	Short Term On the Job Training	4,770 positions	920 positions	$29,060	$36,570	$40,270
Veterinary Technologists and Technicians	Associates Degree	5,300 positions	897 positions	$33,590	$44,250	$49,500
Veterinarians	Doctorate/PhD	3,970 positions	170 positions	$77,990	$123,000	$145,170
Animal Caretakers	Short Term On the Job Training	13,610 positions	2,467 positions	$22,800	$30,450	$34,310
Animal Trainers	Moderate Term On the Job Training	2,270 positions	325 positions	$33,130	$44,680	$45,890

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Veterinary Related Career Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA
BERKS COUNTY
LANCASTER COUNTY

****Veterinary or Related Fields are not listed on the regional High Priority Occupations for 2024***

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central, Berks County, and Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Veterinary Related Program

One (1) Teacher for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations

- LCCTC has been wise to discontinue the veterinary related programs due to saturation in the field and the inability to acquire positions, despite the programs' popularity.
- Advancement and a living wage in this field requires advanced degrees.

Recommendations

- The decision to discontinue the veterinary technician and other animal related programs at LCCTC is a supported decision based on saturation in the field and non-competitive salaries.

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Requested Programming:
Video Game Design

Job Outlook for Video Game Design Careers & Opportunities in Pennsylvania

The following table provides the career outlook for Video Game Design careers from the entry level through the expert level:

Pennsylvania [SOC 15-0000]

Position Title	Education Required	Projected Need by 2032	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Video Game Design Pathways						
Web & Digital Interface Designers	Bachelor Degree	4,240 positions	331 positions	$47,330	$86,820	$106,270
Web Developers	Bachelor Degree	4,160 positions	298 positions	$51,690	$103,540	$129,080
Related Career Pathways						
Computer User Support Specialists	HS Diploma Post Secondary Training +	31,190 positions	2,156 positions	$38,740	$60,140	$70,690
Computer Systems Analyst	Bachelor Degree	23,860 positions	1,533 positions	$60,990	$93,040	$108,820
Software Developers	Bachelor Degree	53,670 positions	3,488 positions	$76,710	$117,110	$137,270
Software Quality Analysts & Testers	Bachelor Degree	7,110 positions	511 positions	$61,320	$93,720	$109,680

Data Source: ***https://www.workstats.dli.pa.gov/Documents/PA%20IDOL/PA%20IDOL.pdf***

Video Game Design Outlook by Regions/Counties

SOUTH CENTRAL PENNSYLVANIA

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Video Game Design Pathways						
Web & Digital Interface Designers	Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Web Developers	Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Related Career Pathways						
Computer User Support Specialists	HS Diploma Post Secondary Training +	220 positions	17 positions	$37,190	$57,790	$68,090
**Network* & Computer Systems Analyst	Bachelor Degree	540 positions	35 positions	$60,070	$85,700	$98,510
Software Developers	Bachelor Degree	1,100 positions	93 positions	N/A	N/A	N/A
Software Quality Analysts & Testers	Bachelor Degree	1,100 positions	93 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for South Central Workforce Development Area***

BERKS COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Video Game Design Pathways						
Web & Digital Interface Designers	Bachelor Degree	N/A	N/A	N/A	N/A	N/A
Web Developers	Bachelor Degree	N/A	N/A	$46,310	$77,040	$92,180

Related Career Pathways						
Computer User Support Specialists	HS Diploma Post Secondary Training +	640 positions	50 positions	$41,280	$59,520	$68,510
Computer Systems Analyst	Bachelor Degree	380 positions	27 positions	$60,490	$83,550	$94,910
Software Developers	Bachelor Degree	1,060 positions	93 positions	N/A	N/A	N/A
Software Quality Analysts & Testers	Bachelor Degree	1,060 positions	93 positions	N/A	N/A	N/A

Data Source BY COUNTY: ***2024 High Priority Occupations for Berks County Workforce Development Area***

LANCASTER COUNTY

Position Title	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Video Game Design Pathways						
Web & Digital Interface Designers	Bachelor Degree	4,240 positions	331 positions	$47,330	$86,820	$106,270
Web Developers	Bachelor Degree	4,160 positions	298 positions	$51,690	$103,540	$129,080
Related Career Pathways						
Computer User Support Specialists	HS Diploma Post Secondary Training +	31,190 positions	2,156 positions	$38,740	$60,140	$70,690
Computer Systems Analyst	Bachelor Degree	23,860 positions	1,533 positions	$60,990	$93,040	$108,820
Software Developers	Bachelor Degree	53,670 positions	3,488 positions	$76,710	$117,110	$137,270
Software Quality Analysts & Testers	Bachelor Degree	7,110 positions	511 positions	$61,320	$93,720	$109,680

Data Source BY COUNTY: ***2024 High Priority Occupations for Lancaster County Workforce Development Area***

LCCTC Educator Information

The following section depicts the approximate instructional costs to support the Video Game Design Programs.

One (1) Teachers for 2024/2025: Instructional Cost (Salary & Benefits): approximately $116,000.00
Data Source:
State Budget 2024

Commendations

- Pennsylvania has future needs for skilled professionals in the field of Computer Programming and in some regions, Video Game Design is a pathway that will need many new positions in the future.
- The Video Game Design field allows for some advancement through specialization and supervisory roles.
- The Video Game Design field has a competitive salary with room for growth.

Recommendations

- Computer Programming is a field that has significant room for growth and opportunity in the future. Within that area of expertise lies Video Game Design. Video Game Design career opportunities appear to be region specific. Ensure students know about the additional education and expertise needed to pursue a career in video game design.
- Adding Video Game Design programming should have a foundational piece of computer programming. Students should have a full understanding of the demand for video game design and related pathways to the career.
- Video Game Design curriculum will need to be flexible and adaptable to accommodate rapidly changing technology.

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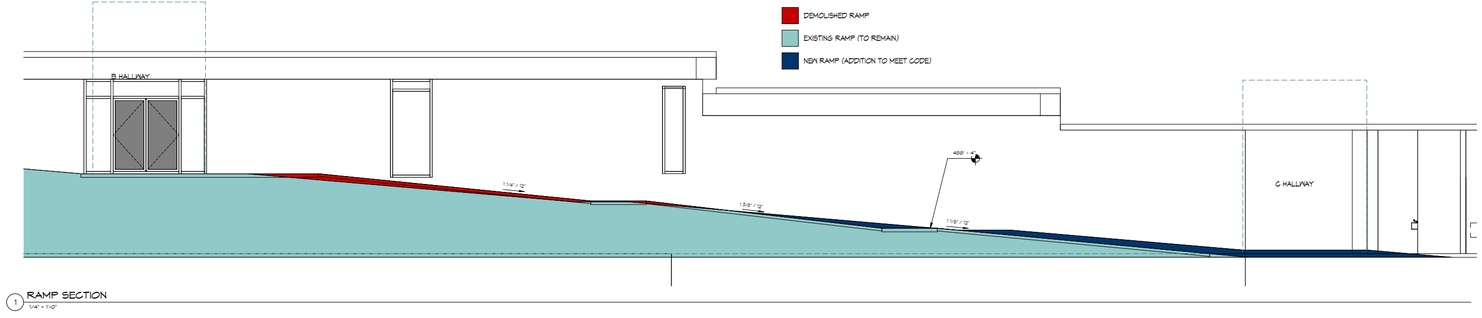

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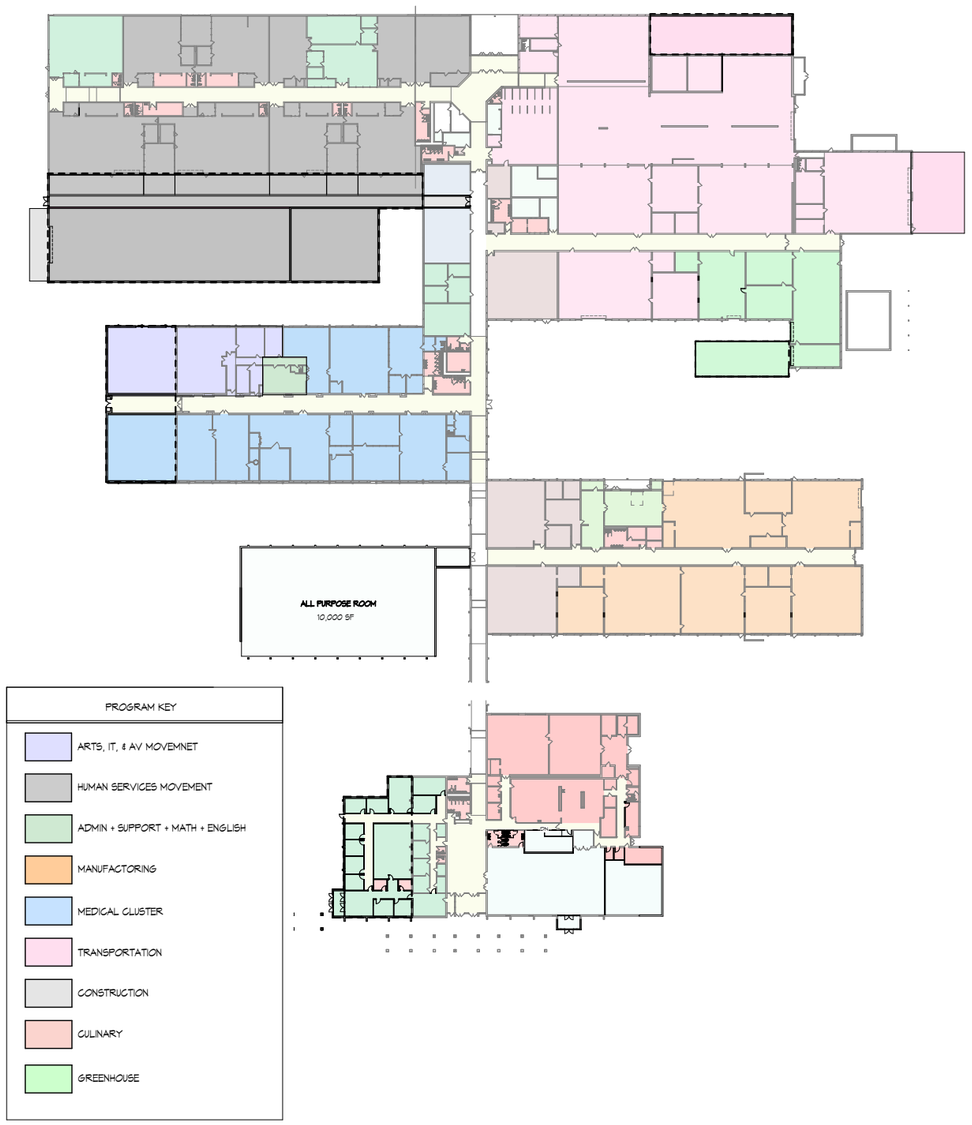
RENOVATIONS/ADDITION (OPTION A)
OVERALL BUILDING PROGRAM



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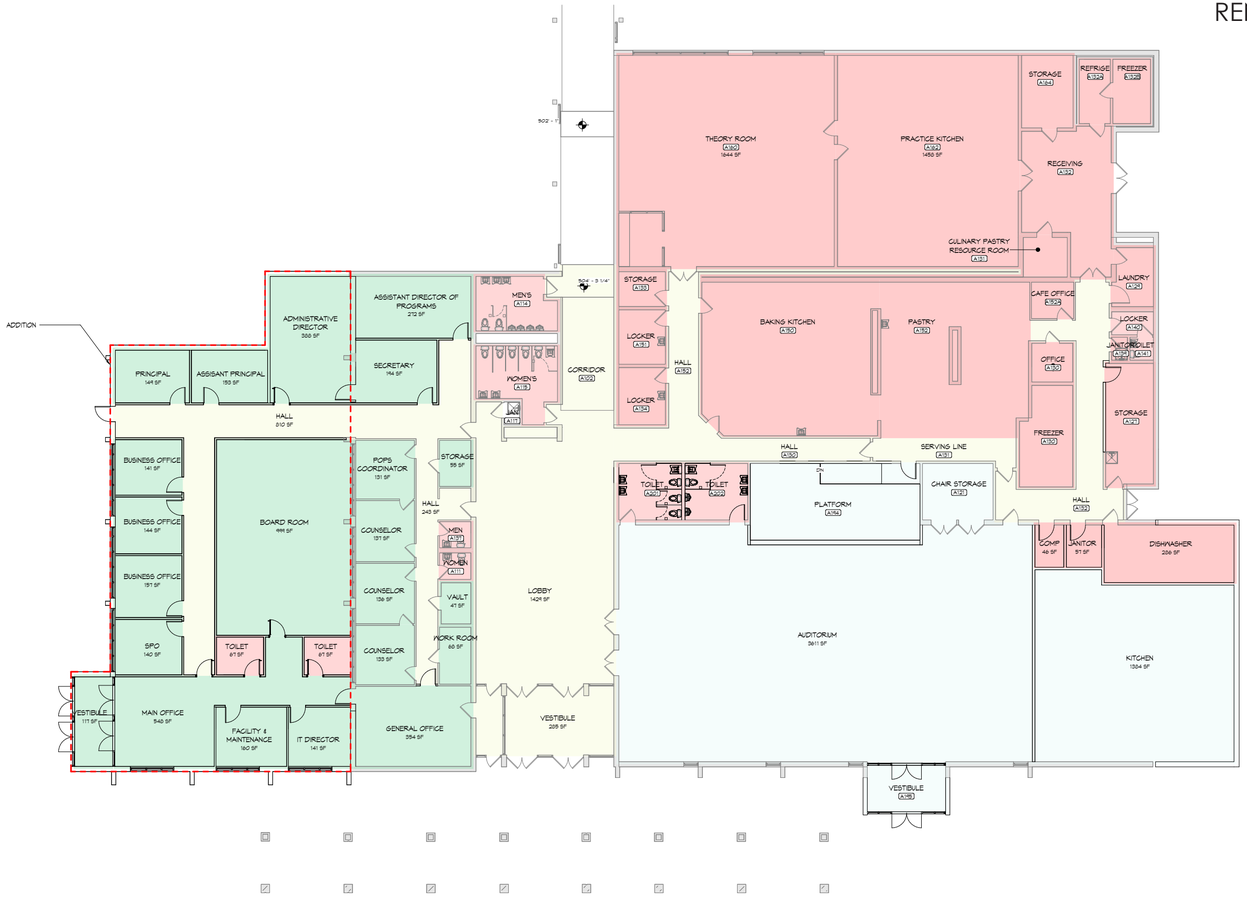
RENOVATIONS/ADDITION BUILDING PROGRAM AREA A



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RENOVATIONS/ADDITION BUILDING PROGRAM AREA B

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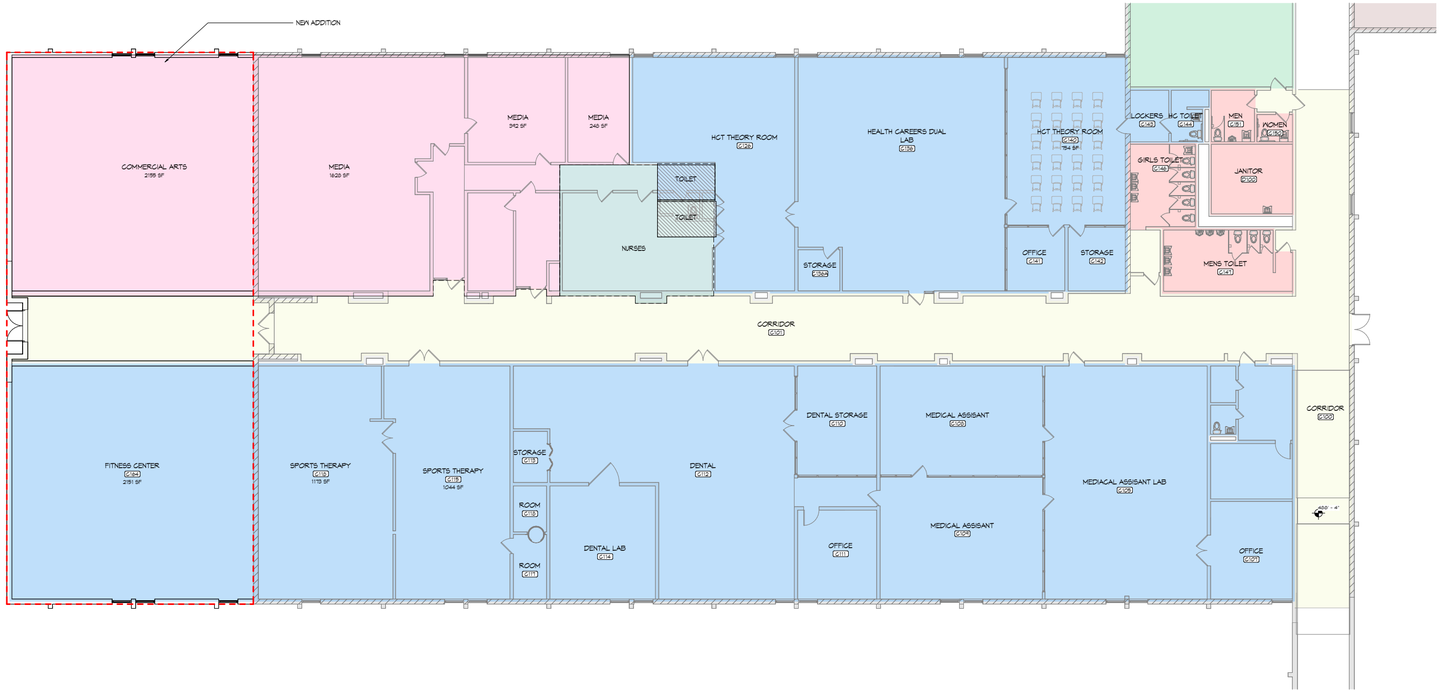
RENOVATIONS/ADDITION BUILDING PROGRAM AREA C



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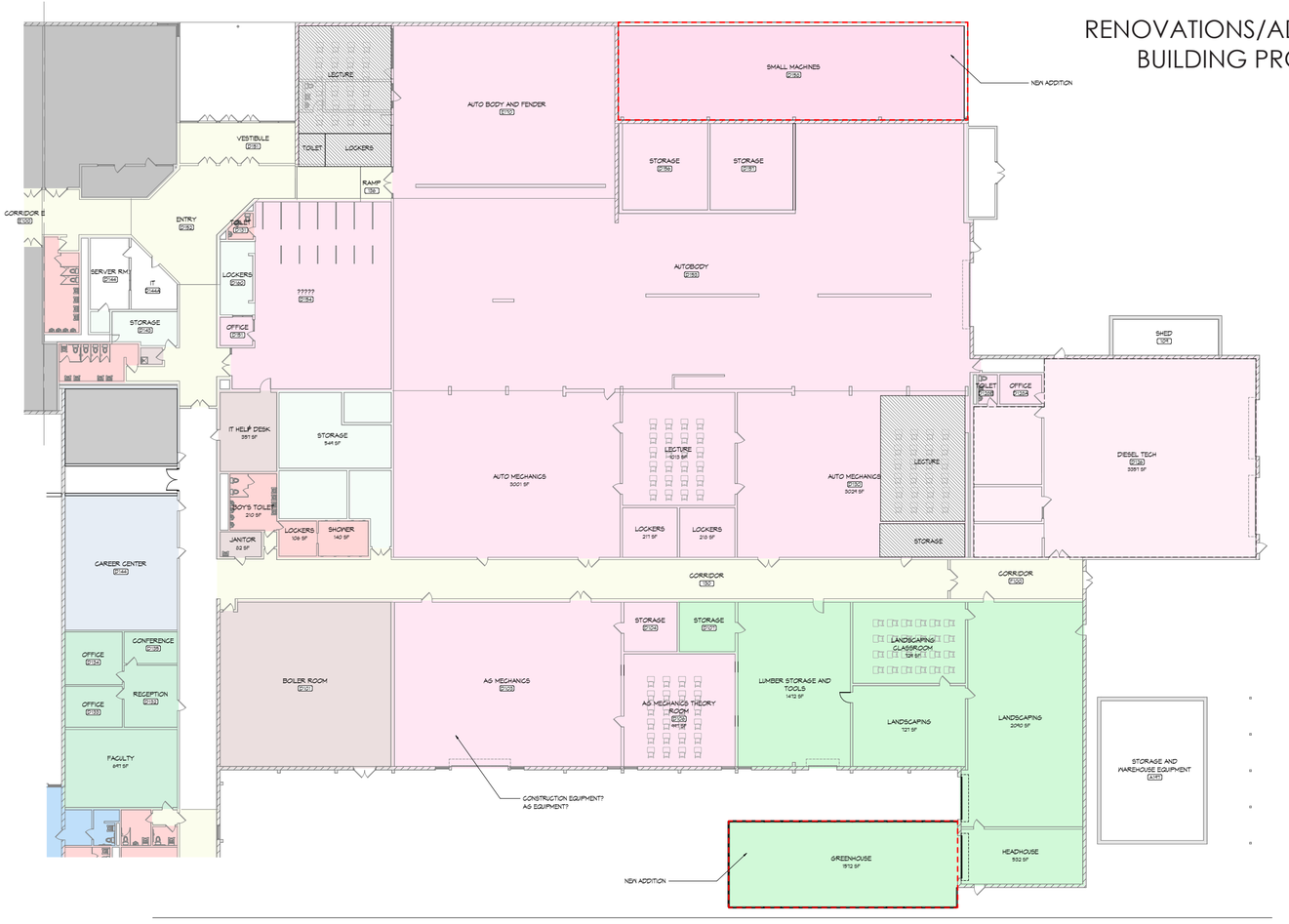
RENOVATIONS/ADDITION BUILDING PROGRAM AREA D



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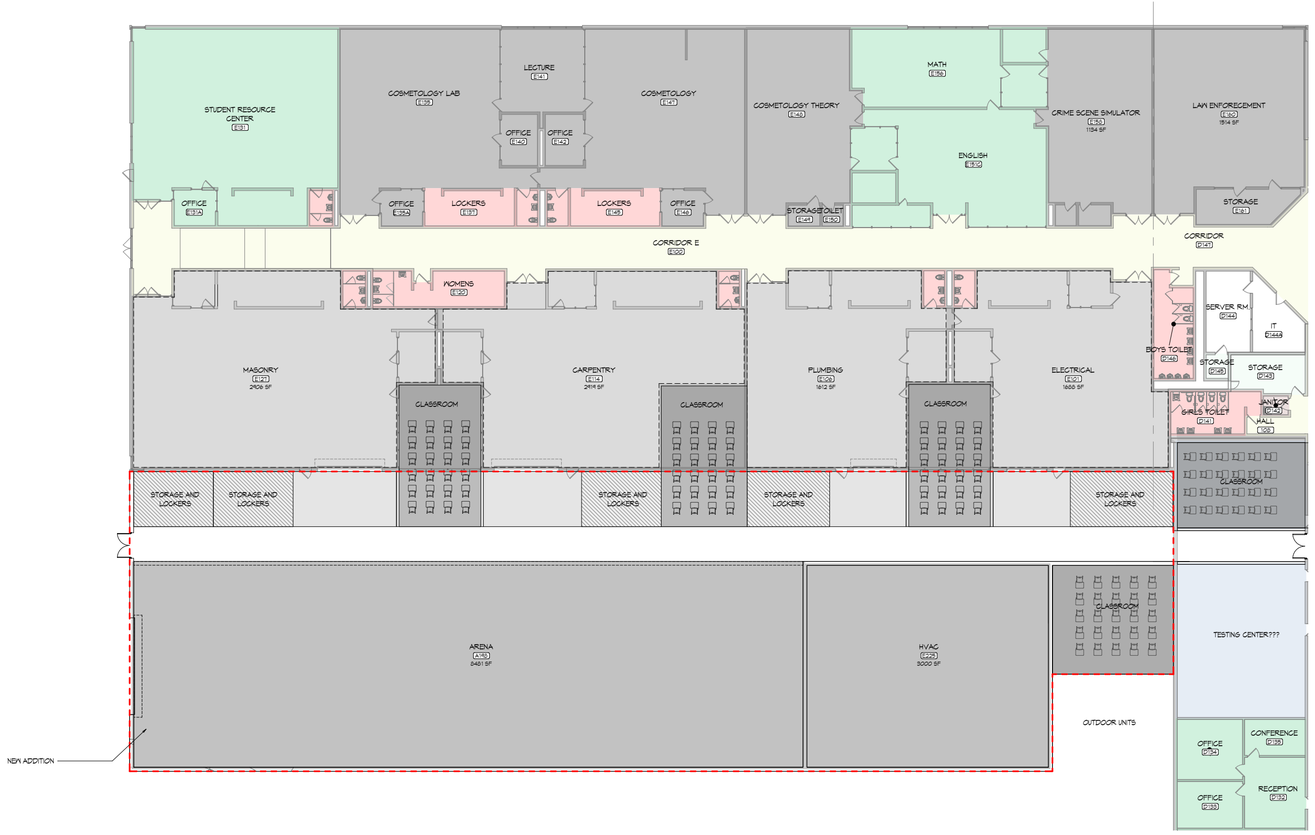
RENOVATIONS/ADDITION
BUILDING PROGRAM
AREA E



RENOVATIONS/ADDITION (OPTION A)
LEVEL OF ALTERATIONS
OVERALL FLOOR PLAN

SCOPE OF WORK LEGEND

- MINOR RENOVATIONS - 87,254 SF
- MODERATE RENOVATIONS - 45,582 SF
- HEAVY RENOVATIONS - 28,764 SF
- NEW CONSTRUCTION - 44,652 SF

TOTAL EXISTING SF:

161,600 SF

RENOVATIONS/ADDITION (OPTION A)
LEVEL OF ALTERATIONS
AREA A

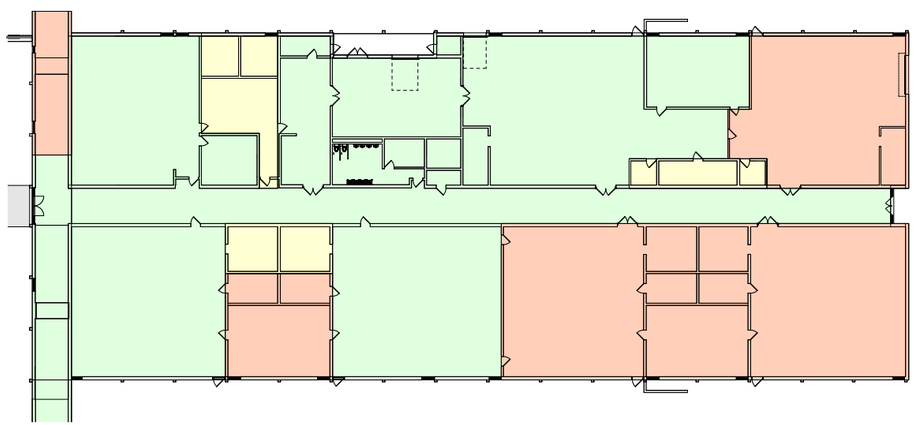
SCOPE OF WORK LEGEND - AREA A

- MINOR RENOVATIONS - 14,372 SF
- MODERATE RENOVATIONS - 1,075 SF
- HEAVY RENOVATIONS - 4,982 SF
- NEW CONSTRUCTION - 4,425 SF

RENOVATIONS/ADDITION (OPTION A)
LEVEL OF ALTERATIONS
AREA B

SCOPE OF WORK LEGEND - AREA B

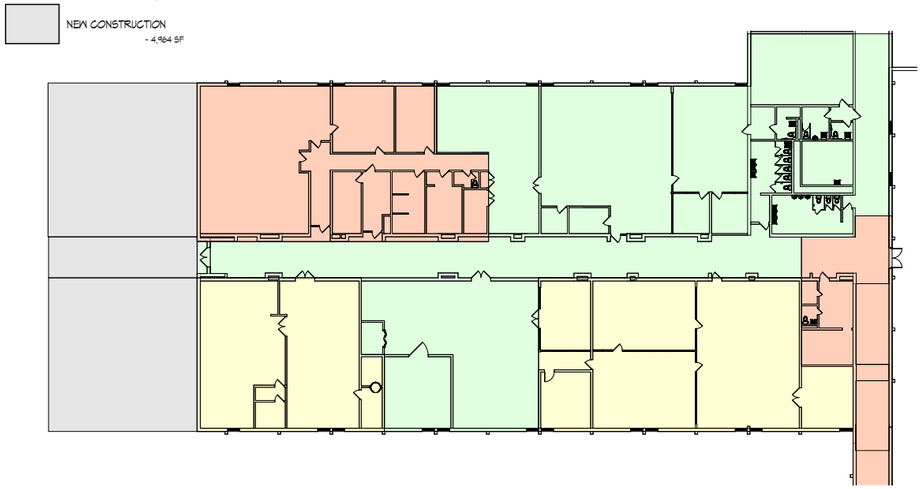
- MINOR RENOVATIONS - 17,283 SF
- MODERATE RENOVATIONS - 1,740 SF
- HEAVY RENOVATIONS - 10,177 SF
- NEW CONSTRUCTION - 10,000 SF ALL PURPOSE SPACE



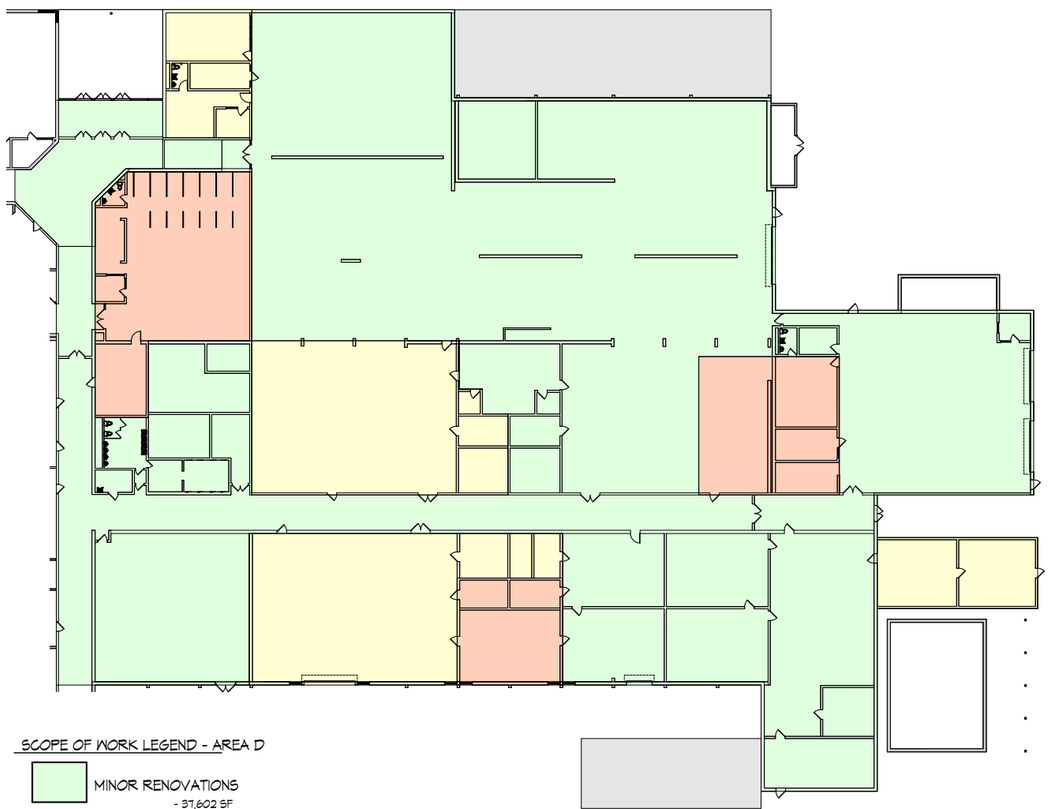
RENOVATIONS/ADDITION (OPTION A)
LEVEL OF ALTERATIONS
AREA C

SCOPE OF WORK LEGEND - AREA C

- MINOR RENOVATIONS - 11,605 SF
- MODERATE RENOVATIONS - 6,758 SF
- HEAVY RENOVATIONS - 5,728 SF
- NEW CONSTRUCTION - 4,964 SF



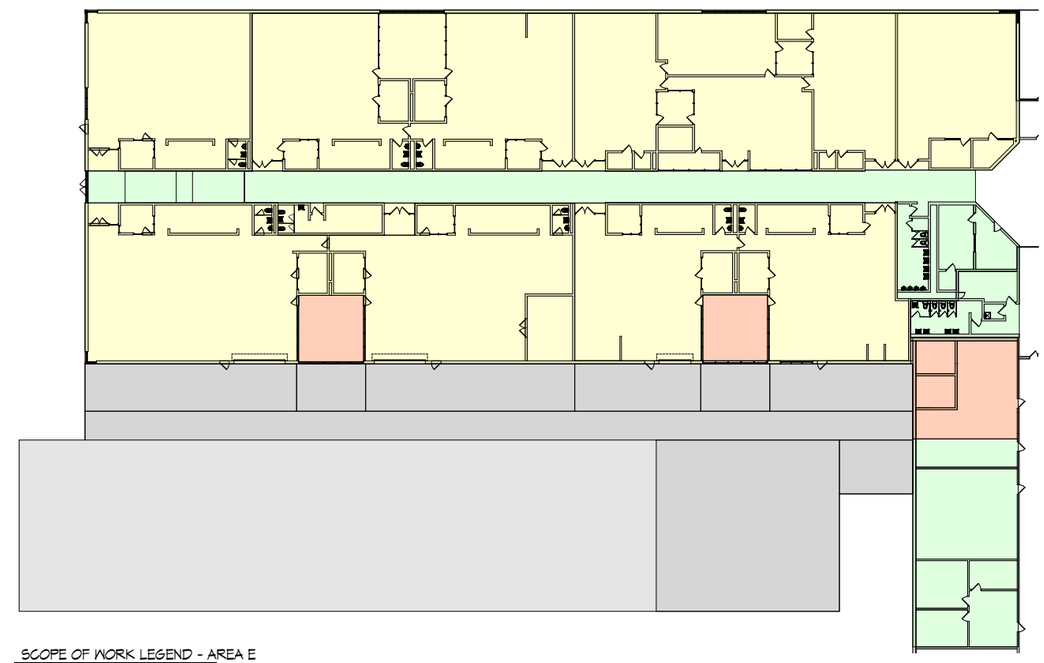
RENOVATIONS/ADDITION (OPTION A)
LEVEL OF ALTERATIONS
AREA D



SCOPE OF WORK LEGEND - AREA D

- MINOR RENOVATIONS - 37,602 SF
- MODERATE RENOVATIONS - 9,338 SF
- HEAVY RENOVATIONS - 5,954 SF
- NEW CONSTRUCTION - 4,964 SF

RENOVATIONS/ADDITION (OPTION A)
LEVEL OF ALTERATIONS
AREA E



SCOPE OF WORK LEGEND - AREA E

- MINOR RENOVATIONS - 6,392 SF
- MODERATE RENOVATIONS - 26,671 SF
- HEAVY RENOVATIONS - 1,923 SF
- NEW CONSTRUCTION - 20,299 SF

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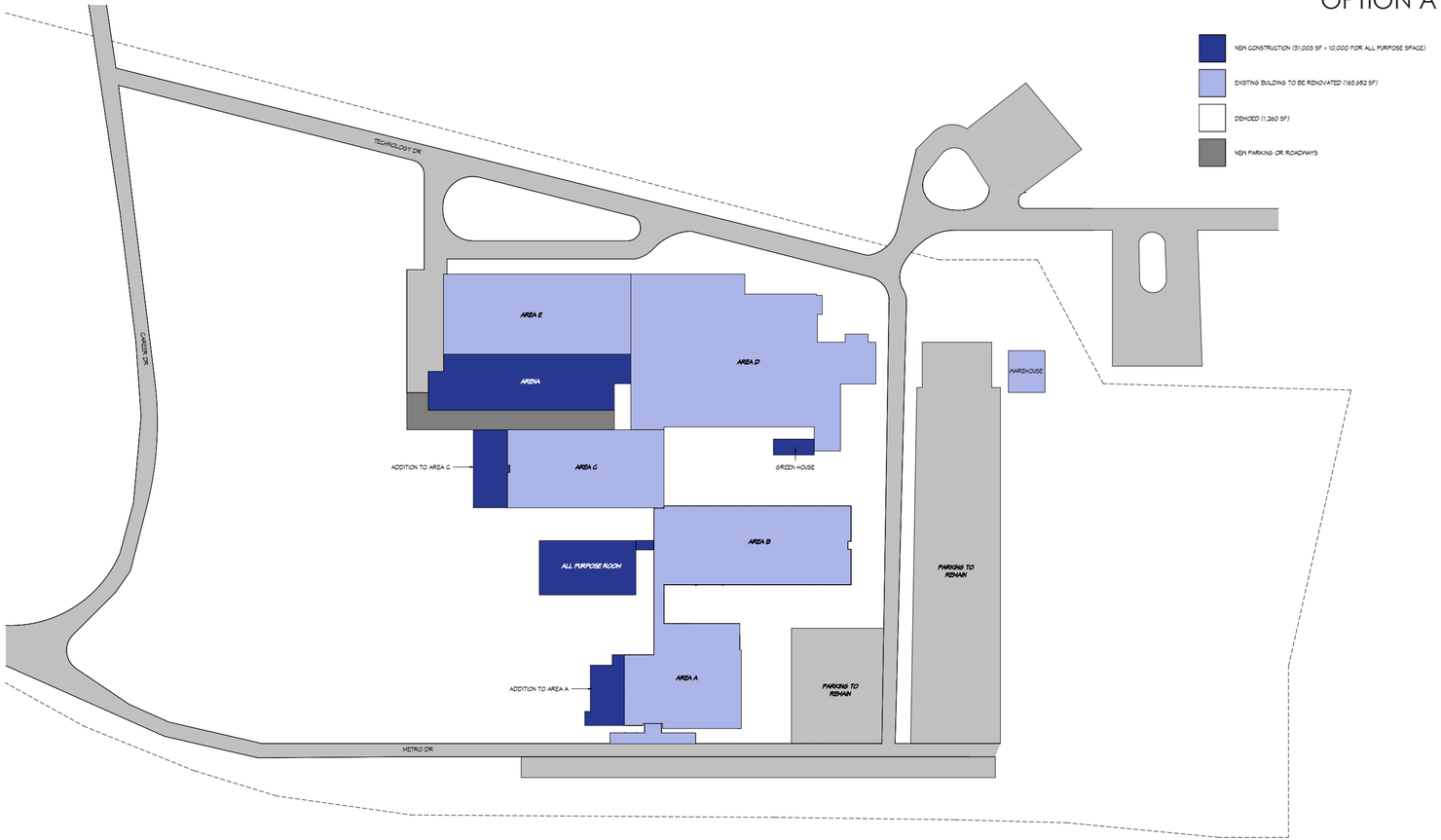
OPTION A



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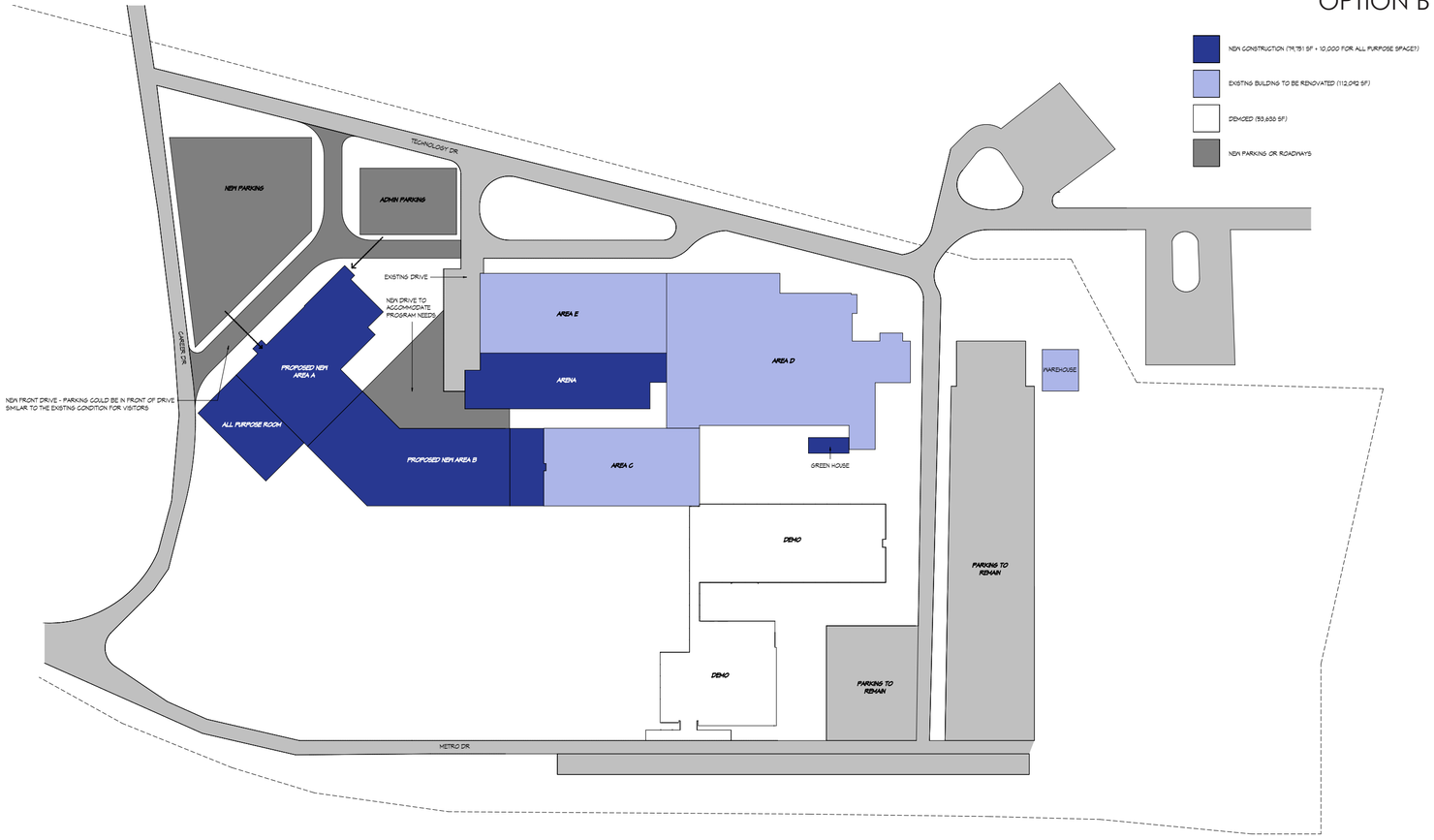
OPTION B



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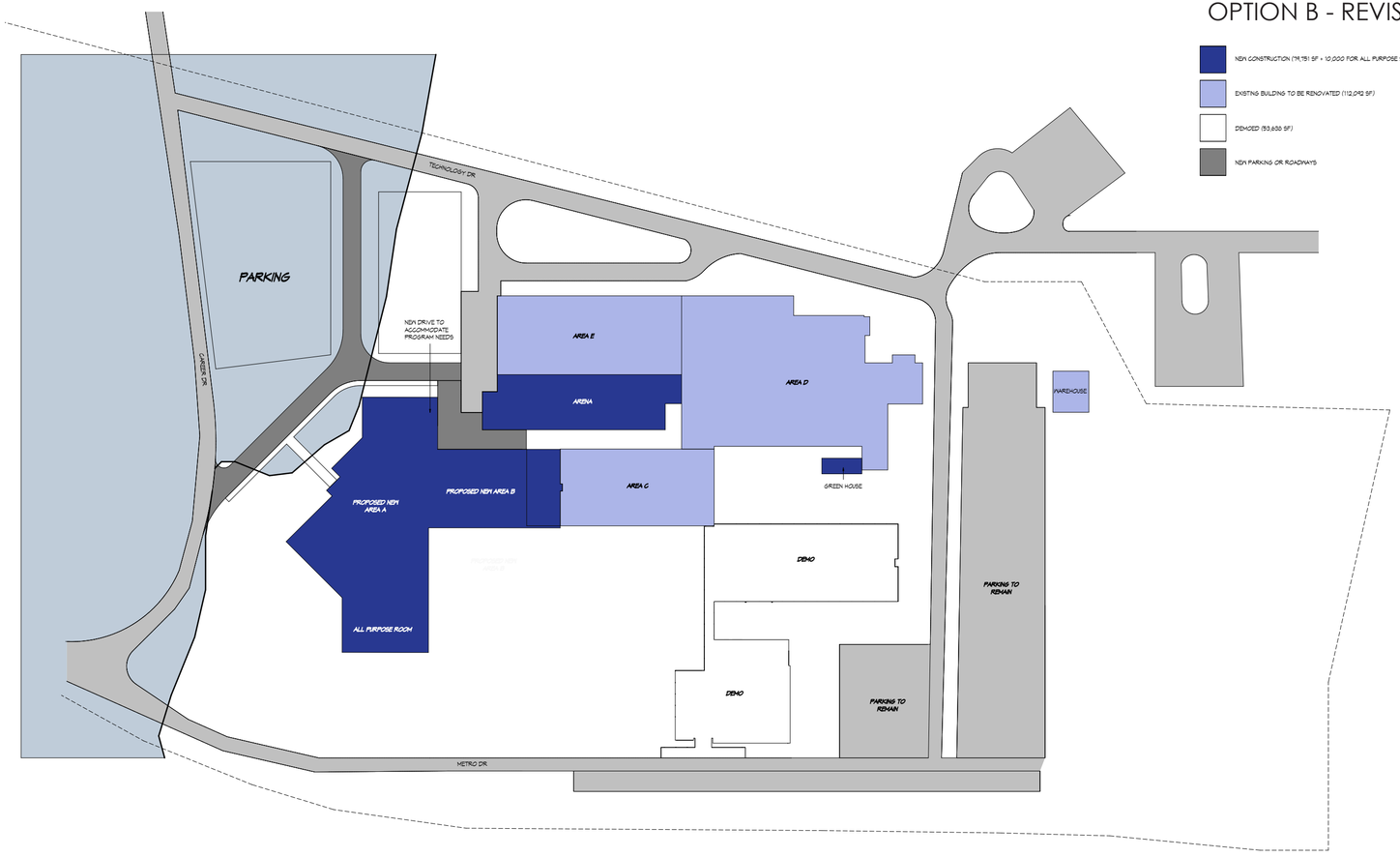
OPTION B - REVISED



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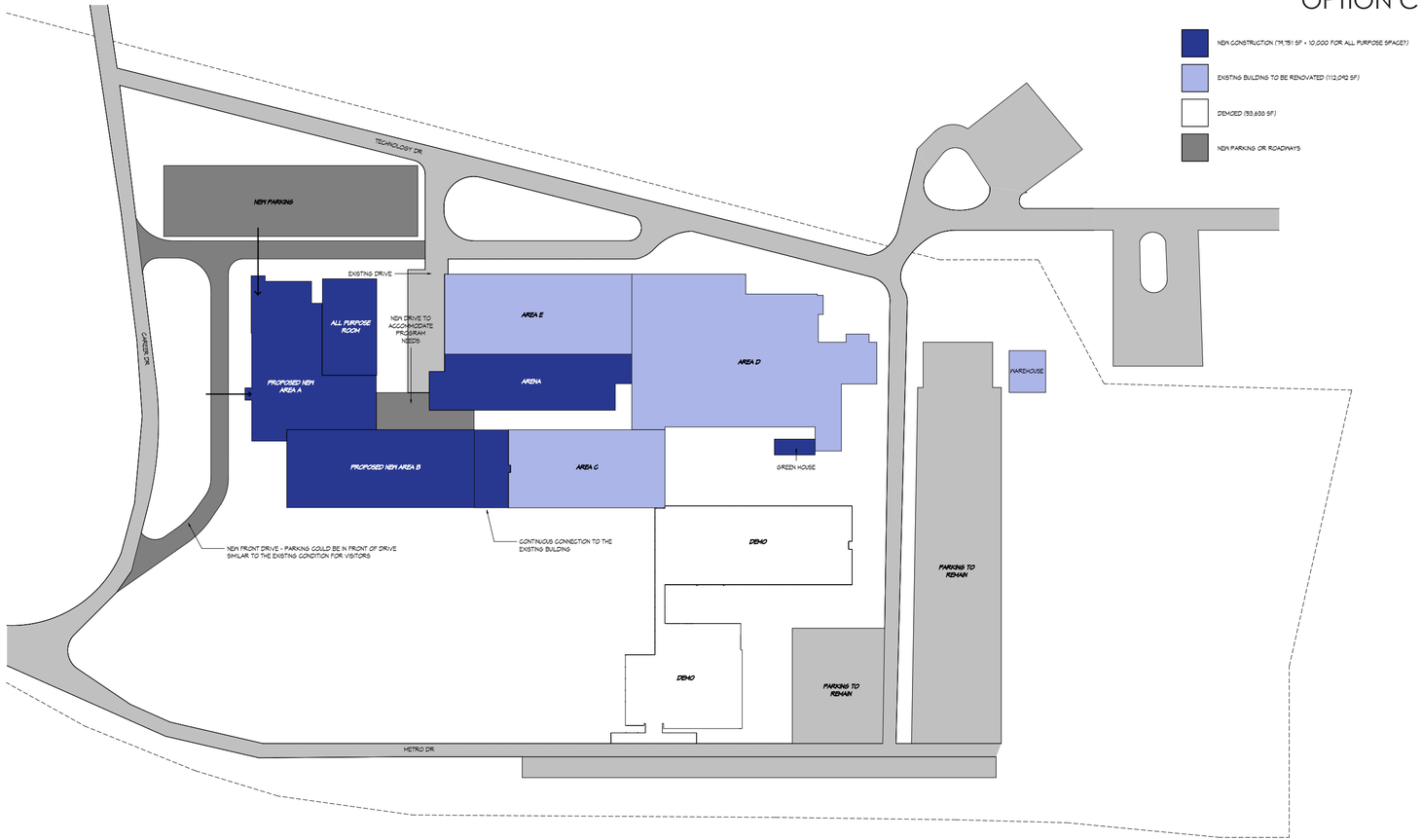
OPTION C



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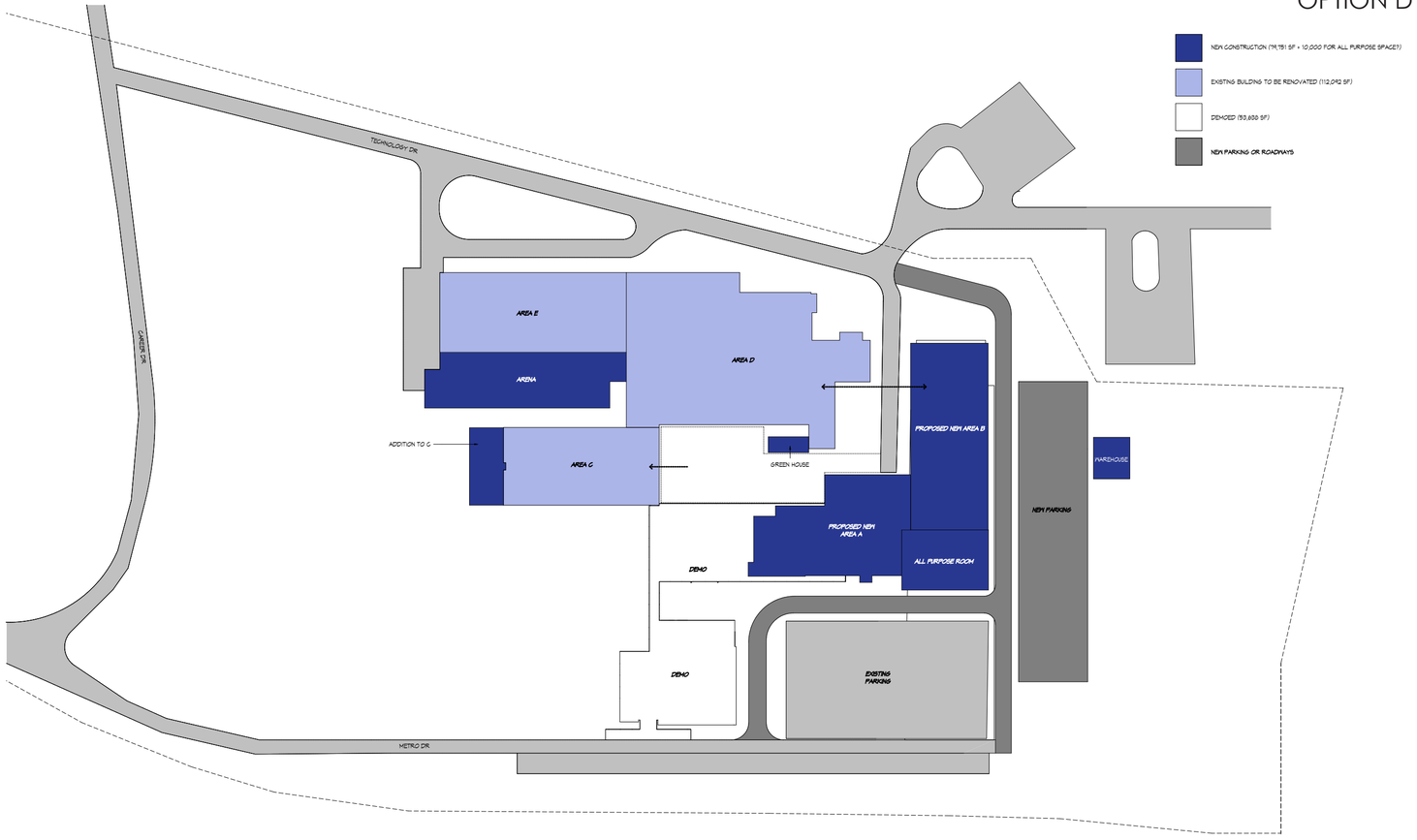
OPTION D



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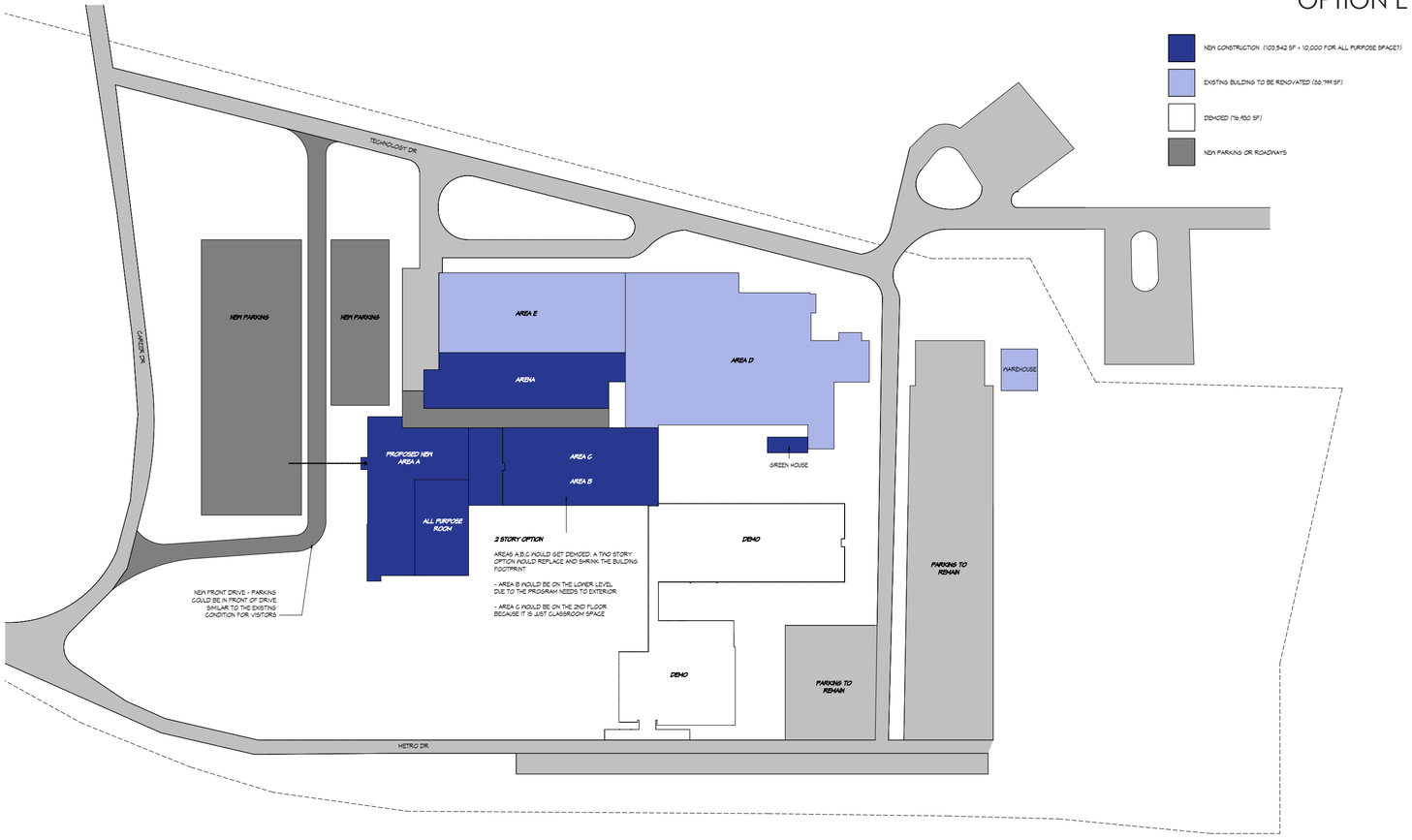
OPTION E



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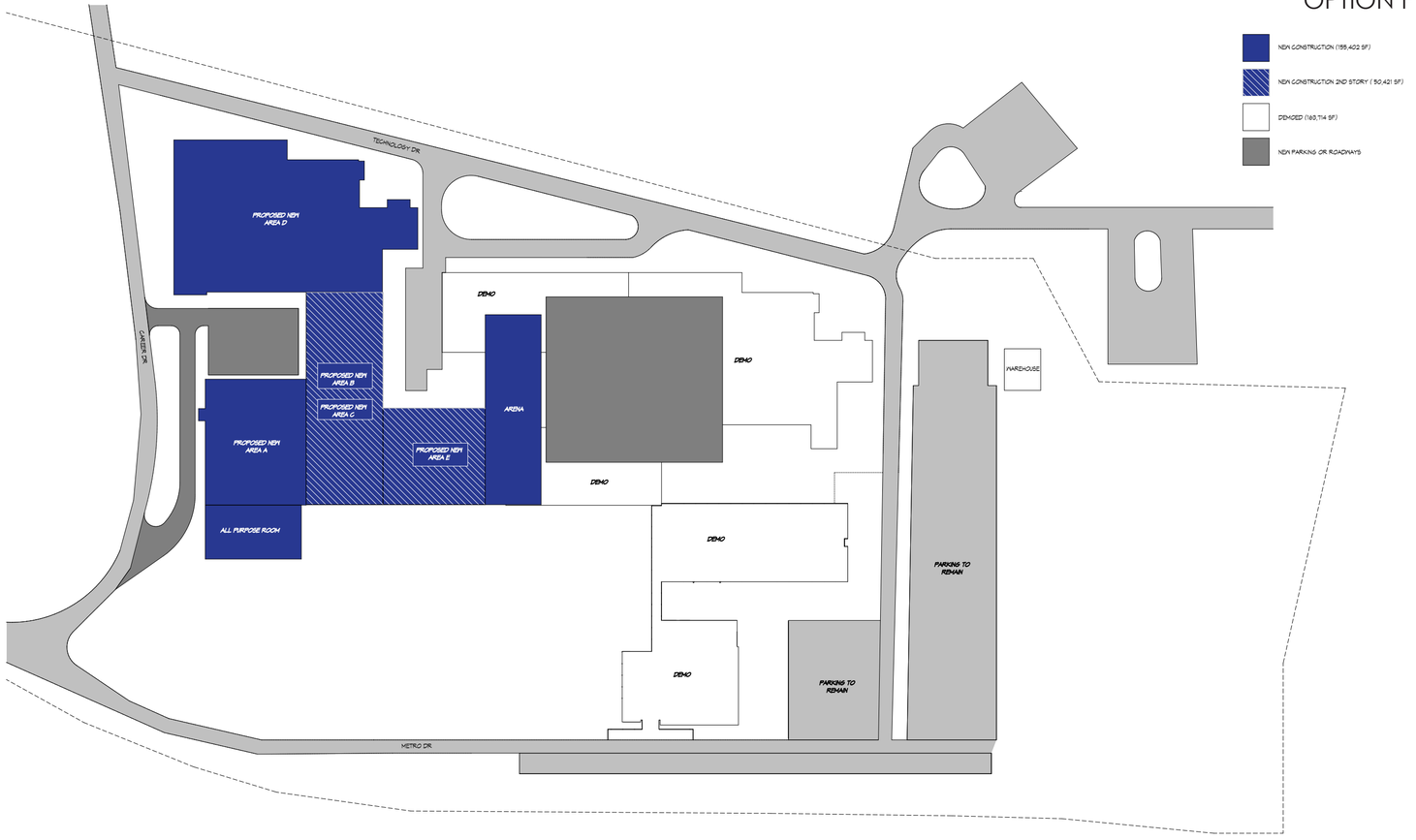
OPTION F



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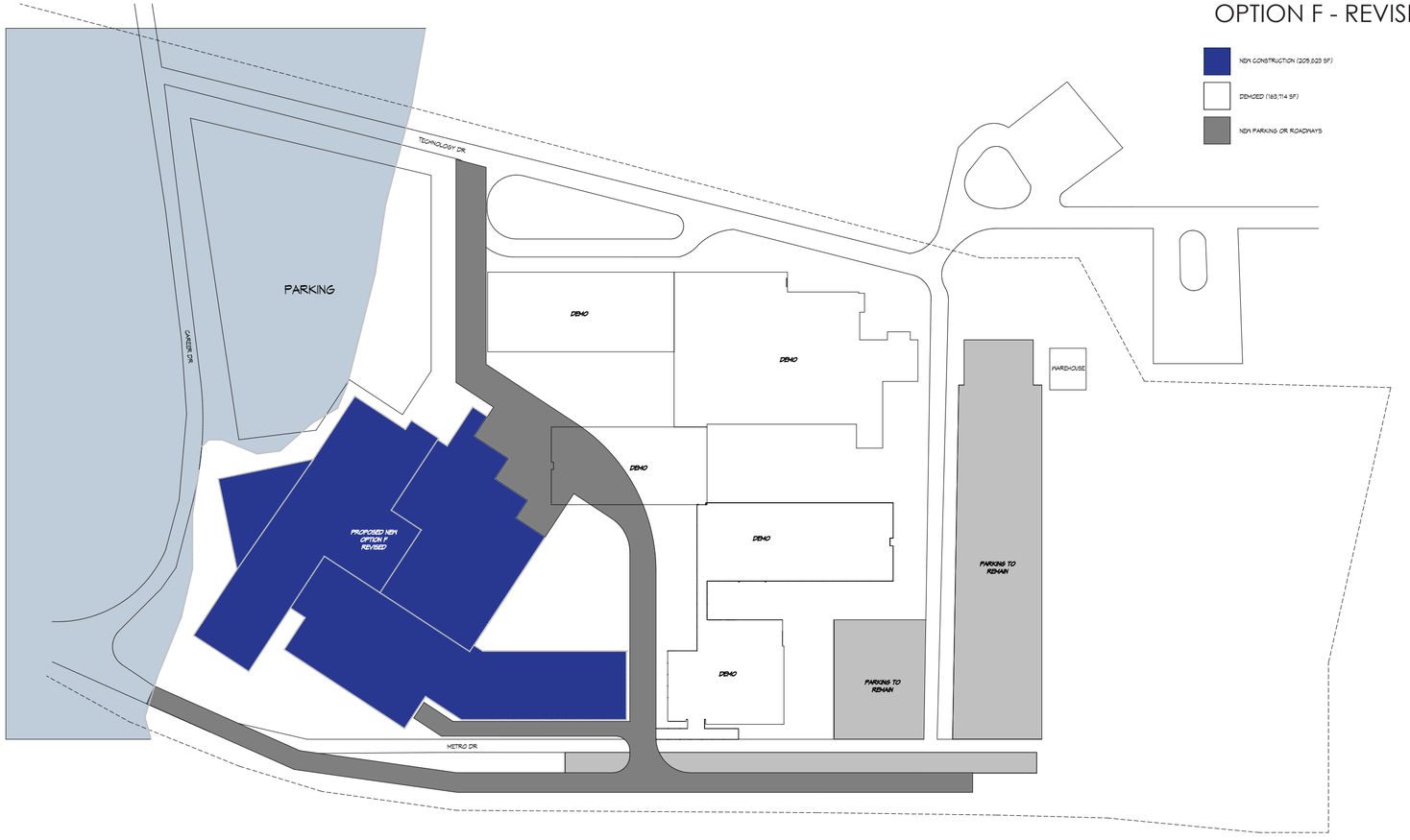
OPTION F - REVISED



CHAPTER 4 - COST ESTIMATE OF OPTIONS

RENOVATIONS/ADDITON (OPTION A) BY FIDEVIA

LEBANON COUNTY CTC
RENOVATIONS AND ADDITIONS

Conceptual Budget
Recapitulation Sheet
4/10/2025

	Cost/SF	Total Cost
MINOR RENOVATIONS (87,254sf)	$215	$18,759,610
MODERATE RENOVATIONS (45,582sf)	$255	$11,623,410
HEAVY RENOVATIONS (28,764sf)	$340	$9,779,760
NEW ADDITIONS (36,171sf)	$400	$14,468,400
FOOD SERVICE	LS	$500,000
WINDOW REPLACEMENT		$2,000,000
ROOF REPLACEMENT	$34	$5,494,400
ARENA (8,481sf)	$420	$3,562,020
SUBTOTAL		$66,187,600
SITE WORK ALLOWANCE	LS	$2,300,000
SUBTOTAL	LS	$2,300,000
SUBTOTAL HARD COSTS		$68,487,600
ESCALATION FACTORS		
MARKET CONTINGENCY (5%)		$3,424,380
CONSTRUCTION CONTINGENCY (5%)		$3,424,380
SUBTOTAL		$6,848,760
SUBTOTAL HARD COST WITH CONTINGENCY		$75,336,360
CONSTRUCTION RELATED SOFT COST		
SOFT COSTS (13%)		$8,903,388
SUBTOTAL		$8,903,388
FF&E		$750,000
TECH EQUIPMENT		$1,200,000
ESTIMATED TOTAL PROJECT COSTS		$86,189,748

NEW CONSTRUCTION (OPTION A) BY FIDEVIA

LEBANON COUNTY CTC
NEW BUILDING

Conceptual Budget
Recapitulation Sheet
4/10/2025

	Cost/SF	Total Cost
NEW CONSTRUCTION (206,000sf)	$440	$90,640,000
DEMOLITION OF EXISTING BUILDING	$9	$1,454,400
SUBTOTAL		$92,094,400
SITE WORK ALLOWANCE	LS	$3,500,000
SUBTOTAL	LS	$3,500,000
SUBTOTAL HARD COSTS		$95,594,400
ESCALATION FACTORS		
MARKET CONTINGENCY (5%)		$4,779,720
CONSTRUCTION CONTINGENCY (5%)		$4,779,720
SUBTOTAL		$9,559,440
SUBTOTAL HARD COST WITH CONTINGENCY		$105,153,840
CONSTRUCTION RELATED SOFT COST		
SOFT COSTS (13%)		$12,427,272
SUBTOTAL		$12,427,272
FF&E		$750,000
TECH EQUIPMENT		$1,200,000
ESTIMATED TOTAL PROJECT COSTS		$119,531,112

COST ESTIMATE SUMMARY

	BASELINE COSTS	PROGRAM COSTS	HARD COST TOTAL	CONTINGENCY, SOFT COSTS	FFE/TECH ALLOWANCE	TOTAL PROJECT COSTS
OPTION A	$ 44,031,200			$ 10,127,176	$ 1,045,000	$ 55,203,376
		$ 23,035,280		$ 5,298,114	$ 1,100,000	$ 29,433,394
			$ 61,572,080	$ 16,111,578	$ 2,145,000	**$ 79,828,658**
OPTION B			**$ 71,692,426**	$ 16,489,258	$ 2,145,000	**$ 90,326,684**
OPTION C			**$ 71,692,426**	$ 16,489,258	$ 2,145,000	**$ 90,326,684**
OPTION D			**$ 71,692,426**	$ 16,489,258	$ 2,145,000	**$ 90,326,684**
OPTION E			**$ 76,123,349**	$ 17,508,370	$ 2,145,000	**$ 95,776,719**
OPTION F			**$ 93,695,660**	$ 21,550,002	$ 2,145,000	**$ 117,390,662**

COST ESTIMATE SUMMARY - ADDED PAGE

	TOTAL PROJECT COSTS	CONSTRUCTION TIME	PHASING IMPACT COSTS	PHASING IMPACT REMARKS	ESCALATION 2027	ADJUSTED TOTAL
OPTION A	$ 55,203,376			Most disruptive to education. Needs 4 summers (39+ months). Time/bonding may not get any bidders.		
	$ 29,433,394					
	$ 79,828,658	see remarks	see remarks			
OPTION B	**$ 90,326,684**	31 months	$ 487,100	Some disruption to education. Many renovated areas will take longer than a summer (maybe 4 months).	$ 4,540,689	$ 94,867,373
OPTION E	**$ 95,776,719**	30 months	$ 365,325	Some disruption to education. Many renovated areas will take longer than a summer (maybe 4 months).	$ 4,807,102	$ 100,583,821
OPTION F	**$ 117,390,662**	27 months	$ 0	Least disruptions to education, none.	$ 5,869,533	$ 123,260,195

ARCHITECTURE

BEERS + HOFFMAN ARCHITECTURE

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