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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.



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## **Part A:**

### **Analysis of Current LCCTC Programs**

Auto Body  
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
<b>Pathway Professions Related to Auto Body</b>						
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
<b>Pathway Professions Related to Auto Body</b>						
Claims Adjusters, Examiners & Investigators	Long Term On the Job Training	1,690 positions	125 positions	\$46,380	\$71,160	\$83,540



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
<b>Pathway Professions Related to Auto Body</b>						
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
<b>Pathway Professions Related to Auto Body</b>						
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.





## 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
Annvile 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
<b>Pathway Professions Related to Automotive</b>						
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
<b>Pathway Professions Related to Automotive</b>						
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
<b>Pathway Professions Related to Automotive</b>						
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
<b>Pathway Professions Related to Automotive</b>						
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.





## 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.

<b>Sending District</b>	<b>2021-2022 number of Carpentry Students</b>	<b>2022-2023 number of Carpentry Students</b>	<b>2023-2024 number of Carpentry Students</b>
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.

<b>Position Title and PA SOC Code</b>	<b>Education Required</b>	<b>Projected Need by 2032</b>	<b>Annual Position Demand</b>	<b>Wages</b>		
				<b>Entry</b>	<b>Annual Average</b>	<b>Expert</b>
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 <a href="#">47-1011</a>	HS Diploma and 1 yr. minimum training	29,680 positions	2,386 positions	\$55,540	\$82,580	\$95,900
<b>Pathway Professions Related to Carpentry</b>						
Highway Maintenance Workers <a href="#">47-4051</a>	Moderate On the Job Training	11,660 positions	1,092 positions	\$35,790	\$49,180	\$55,770
Painters, Construction, & Maintenance <a href="#">47-2141</a>	Moderate Term On the Job Training	10,380 positions	815 positions	\$36,990	\$51,570	\$58,760
Plumbers, Pipefitters & Steamfitters <a href="#">47-2152</a>	HS Diploma Long Term On the Job Training	16,680 positions	1,446 positions	\$45,890	\$69,670	\$81,380
Operating Engineers <a href="#">47-2073</a>	Moderate On the Job Training	24,540 positions	2,095 positions	\$42,570	\$60,010	\$68,610
<b>Data Source: <a href="#">2024 Pennsylvania In-Demand Occupations List</a></b>						

<b>Carpentry Career Outlook by Regions/Counties</b>						
<i>The following table provides the career outlook for Carpentry careers from the entry level through the expert level by regions and counties.</i>						
<b><i>SOUTH CENTRAL PENNSYLVANIA</i></b>						
Position Title and PA SOC Code	Education Required	Projected Need by 2030	Annual Position Demand	Wages		
				Entry	Annual Average	Expert
Carpenters <a href="#">47-2031</a>	HS Diploma and On the Job training	4,470 positions	421 positions	\$40,430	\$56,270	\$64,190
Construction Laborers <a href="#">47-2061</a>	Short or Moderate Term On the Job Training	N/A	N/A	N/A	N/A	N/A
Construction Managers <a href="#">11-9021</a>	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
<b>Pathway Professions Related to Carpentry</b>						
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	\$50,690	\$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 <a href="#">47-2141</a>	Moderate Term On the Job Training	850 positions	77 positions	\$38,420	\$49,930	\$55,600
Plumbers, Pipefitters & Steamfitters <a href="#">47-2152</a>	HS Diploma Long Term On the Job Training	1,210 positions	126 positions	\$43,030	\$62,660	\$72,330
Operating Engineers <a href="#">47-2073</a>	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%
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**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.





## 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 of Communication Arts Students
Annvile 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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## 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
Annvile 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
<b>Pathway Professions Related to Culinary Arts</b>						
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
<b>Pathway Professions Related to Culinary Arts</b>						
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
<b>Pathway Professions Related to Culinary Arts</b>						
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
<b>Pathway Professions Related to Culinary Arts</b>						
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.





## 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.



[WWW.DEVOPAR.COM](http://WWW.DEVOPAR.COM)



## 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
Annvile 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
<b>Pathway Professions Related to Diesel Truck</b>						
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
<b>Pathway Professions Related to Diesel Truck</b>						
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
<b>Pathway Professions Related to Diesel Truck</b>						
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
<b>Pathway Professions Related to Diesel Truck</b>						
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.





## 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
Annvile 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
<b>Pathway Professions Related to Electrical</b>						
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](#)

<b>Electrical Career Outlook by Regions/Counties</b>						
<b><i>SOUTH CENTRAL PENNSYLVANIA</i></b>						
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
<b>Pathway Professions Related to Electrical</b>						
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%
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**Data Source:**  
[2022 – Senior Exit Survey](#)  
[2023 – Senior Exit Survey](#)  
[2024 – Senior Exit Survey](#)

Commendations
<ul style="list-style-type: none"> <li>• The Electrical Program is rated as high quality by the majority of students.</li> <li>• The PA Skills Certification Report of Electrical Program students is high.</li> <li>• The outlook for the need of electrical services in the state of Pennsylvania is consistent and there is room for advancement in the field.</li> <li>• The Senior Exit Survey data provides excellent information for the school's growth and improvement.</li> <li>• 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.).</li> </ul>

Recommendations
<ul style="list-style-type: none"> <li>• 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.</li> <li>• Provide opportunities for more students to experience project management and supervisory duties in order to prepare for higher levels of expertise in the field.</li> <li>• Explore opportunities to further integrate technology into the program. Exit survey data shows a declining trend in foundational technology use.</li> <li>• 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.</li> </ul>





## 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
Annvile 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. & Electromechanical 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
<b>Pathway Professions Related to Electromechanical</b>						
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. & Electromechanical Assemblers	Moderate Term <b>on</b> 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
<b>Pathway Professions Related to Electromechanical</b>						
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. & Electromechanical 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
<b>Pathway Professions Related to Electromechanical</b>						
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. & Electromechanical 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
<b>Pathway Professions Related to Electromechanical</b>						
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%.





## 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
Annvile 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
<b>Pathway Professions Related to Health Careers</b>						
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
<b>Pathway Professions Related to Health Careers</b>						
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.







## 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
<b>Pathway Professions Related to Landscape and Horticulture</b>						
Farmworkers: Farm, Ranch, & Aquacultural Animals	Short Term On the Job training	12,700 positions	1,856 positions	\$25,570	\$38,550	\$44,950
<b>Data Source: <a href="#">2024 Pennsylvania In-Demand Occupations List</a></b>						

Landscape and Horticulture Career Outlook by Regions/Counties						
<b><i>SOUTH CENTRAL PENNSYLVANIA</i></b>						
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
<b>Pathway Professions Related to Landscape and Horticulture</b>						
Farmworkers: Farm, Ranch, & Aquacultural Animals	Short Term On the Job training	N/A	N/A	N/A	N/A	N/A
<b>Data Source BY COUNTY: <a href="#">2024 High Priority Occupations for South Central Workforce Development Area</a></b>						

**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
<b>Pathway Professions Related to Landscape and Horticulture</b>						
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
<b>Pathway Professions Related to Landscape and Horticulture</b>						
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.





## 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
Annvile 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	\$28,280	\$37,580	\$42,170
	Lifeguards, Ski Patrol & Other Protective Service Workers	Short or Moderate Term On-the-Job Training	5,880 positions	1,708 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
<b>Pathway Professions Related to Law Enforcement</b>						
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
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**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.





## 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
Annvile 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
<b>Pathway Professions Related to Masonry</b>						
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
<b>Data Source: <a href="#">2024 Pennsylvania In-Demand Occupations List</a></b>						

<b>Masonry Career Outlook by Regions/Counties</b>						
<b><i>SOUTH CENTRAL PENNSYLVANIA</i></b>						
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	N/A	N/A	N/A	N/A	N/A



	Term On the Job Training					
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
<b>Pathway Professions Related to Masonry</b>						
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
<b>Pathway Professions Related to Masonry</b>						
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
<i>The following section depicts the approximate instructional costs to support the Masonry Program</i>
<b>One (1) Teacher for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$116,000.00</b>
<b>Data Source:</b> <a href="#">State Budget 2024</a>

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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## 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
Annvile 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
<b>Pathway Professions Related to Media Communications</b>						
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
<b>Pathway Professions Related to Media Communications</b>						
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
Annvile 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
<b>Pathway Professions Related to Medical Assistant</b>						
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
<b>Pathway Professions Related to Medical Assistant</b>						
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
<b>Pathway Professions Related to Medical Assistant</b>						
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
<b>One (2) Teachers for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$232,000.00</b>
<b>Data Source:</b> <a href="#">State Budget 2024</a>

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
<b>Pathway Professions Related to Network Technology</b>						
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
<b>Pathway Professions Related to Network Technology</b>						
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	Bachelors Degree & Some	N/A	N/A	N/A	N/A	N/A

Analysts & Testers	Postsecondary Training					
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
<b>Pathway Professions Related to Network Technology</b>						
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
<b>Pathway Professions Related to Network Technology</b>							
	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](#)

<b>LCCTC Educator Information</b>
<i>The following section depicts the approximate instructional costs to support the Network Technology Program</i>
<b>One (1) Teacher for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$116,000.00</b>
<b>Data Source:</b> <a href="#"><u>State Budget 2024</u></a>

### 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.







## 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
Annvile 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
<b>Pathway Professions Related to Pastry Arts</b>						
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
<b>Pathway Professions Related to Pastry Arts</b>						
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
<b>Pathway Professions Related to Pastry Arts</b>						
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
<b>Pathway Professions Related to Pastry Arts</b>						
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 Pastry 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.





## 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](#)

[2024-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
Annvile 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
<b>Pathway Professions Related to Plumbing</b>						
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](#)

<b>Plumbing Career Outlook by Regions/Counties</b>						
<b><i>SOUTH CENTRAL PENNSYLVANIA</i></b>						
<b>Position Title</b>	<b>Education Required</b>	<b>Projected Need by 2030</b>	<b>Annual Position Demand</b>	<b>Wages</b>		
				<b>Entry</b>	<b>Annual Average</b>	<b>Expert</b>
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
<b>Pathway Professions Related to Plumbing</b>						
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	\$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	N/A	N/A	N/A	N/A	N/A
<b>Pathway Professions Related to Plumbing</b>						
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
<b>Pathway Professions Related to Plumbing</b>						
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.





## 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
<b>Pathway Professions Related to Precision Machining</b>							
	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](#)**

<b>Precision Machining Career Outlook by Regions/Counties</b>							
<b><i>SOUTH CENTRAL PENNSYLVANIA</i></b>							
	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
<b>Pathway Professions Related to Precision Machining</b>						
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
<b>Pathway Professions Related to Precision Machining</b>						
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
<b>Pathway Professions Related to Precision Machining</b>						
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.





## 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
<b>Pathway Professions Related to Sports Therapy</b>						
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
<b>Pathway Professions Related to Sports Therapy</b>						
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.





## 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
Annvile 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
<b>Pathway Professions Related to Welding</b>						
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
<p>The following section depicts the approximate instructional costs to support the Welding Program</p> <p><b>One (1) Teacher for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$116,000.00.</b>  <b>There is a plan for (2) teachers in the future: Instructional Cost (Salary &amp; Benefits): approximately \$232,000.00.</b></p> <p><b>Data Source:</b>  <a href="#">State Budget 2024</a></p>

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.





## **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
<b>Related Future Pathways and Advancement</b>						
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
<p>The following section depicts the approximate instructional costs to support the Welding Program</p> <p><b>Two (1) Teacher for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$161,000.00</b></p> <p><b>Data Source:</b>  <a href="#">State Budget 2024</a></p>

Commendations
<ul style="list-style-type: none"> <li>The LCCTC is committed to staying current with the outlook for professions that are unique to Pennsylvania.</li> <li>There is some opportunity for Farm Equipment Mechanics by region, but the outlook for the future is limited and unclear at this time.</li> </ul>

Recommendations
<ul style="list-style-type: none"> <li>Embedding Farm Equipment Mechanics and Service Technicians with other mechanics or machinists fields, may allow students to be exposed to this side of machining.</li> <li>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.</li> <li>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.</li> </ul>



## 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.



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## 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
<b>Related Future Pathways and Advancement</b>						
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
<p>The following section depicts the approximate instructional costs to support the Welding Program</p> <p><b>Two (2) Teachers for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$232,000.00</b></p> <p><b>Data Source:</b> <a href="#"><u>State Budget 2024</u></a></p>

Commendations
<ul style="list-style-type: none"> <li>The LCCTC is commended for continuously exploring future programming that will promote high interest for students.</li> </ul>

Recommendations
<ul style="list-style-type: none"> <li>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.</li> <li>Ensure cosmetology students are aware of the saturation in the field and the limited salaries associated with the cosmetology career path.</li> <li>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).</li> </ul>

## 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 +	5,720 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: <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
<b>Related Future Pathways and Advancement</b>						
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
<b>Related Future Pathways and Advancement</b>						
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
<b>Related Future Pathways and Advancement</b>						
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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## 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
<b>Related Future Pathways and Advancement</b>						
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
<p>The following section depicts the approximate instructional costs to support the HVAC Program</p> <p><b>One (1) Teacher for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$116,000.00</b></p> <p><b>Data Source:</b>  <a href="#">State Budget 2024</a></p>

Commendations
<ul style="list-style-type: none"> <li>• Pennsylvania has future needs for skilled professionals in the field of HVAC.</li> <li>• The HVAC field allows for some advancement through specialization and supervisory roles.</li> <li>• The HVAC field allows for a living wage with room for growth.</li> </ul>

Recommendations
<ul style="list-style-type: none"> <li>• 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.</li> </ul>

## 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
<b>Related Future Pathways and Advancement</b>						
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
<p>The following section depicts the approximate instructional costs to support the Logistics Program</p> <p><b>Two (1) Teacher: Instructional Cost (Salary &amp; Benefits): approximately \$116,000.00</b></p> <p><b>Data Source:</b> <a href="#">State Budget 2024</a></p>

Commendations
<ul style="list-style-type: none"> <li>• Pennsylvania has significant future needs for skilled professionals in the logistics profession; however, specialization is regionally dependent.</li> <li>• This field allows for advancement through advanced education, specialization, and supervisory opportunities.</li> <li>• This field allows for a living wage with room for growth.</li> </ul>

Recommendations
<ul style="list-style-type: none"> <li>• Ensure that students are aware that this profession requires a 4-year college education.</li> <li>• Ensure students are aware of the lower-level multiple pathways that can be taken to arrive at this profession.</li> <li>• Ensure students are aware of the regional opportunities and constraints for logistics positions.</li> </ul>

## 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					
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**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
<b>Region Specific Pathways</b>						
Farm Equipment Mechanics &	HS Diploma & Long Term	380 positions	39 positions	\$34,410	\$44,610	\$49,710

Service Technicians	On the Job Training					
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
<b>Region Specific Pathways</b>						
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
<b>Region Specific Pathways</b>						
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
<b>Data Source BY COUNTY: <a href="#">2024 High Priority Occupations for Berks County Workforce Development Area</a></b>						

<b>LCCTC Educator Information</b>
<i>The following section depicts the approximate instructional costs to support the Power Sports Program</i>
<b>One (1) Teacher for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$116,000.00</b>
<b>Data Source:</b> <b><a href="#">State Budget 2024</a></b>

### 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.



## 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
<b>Related Future Pathways and Advancement</b>						
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.



[WWW.DEVOPAR.COM](http://WWW.DEVOPAR.COM)



## **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
<b>Related Career Pathways</b>						
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
<b>Related Career Pathways</b>						
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
<b>Related Career Pathways</b>						
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](#)

<b>LCCTC Educator Information</b>
<p><i>The following section depicts the approximate instructional costs to support the Childcare/Early Childhood Teaching Program</i></p> <p><b>One (1) Teacher for 2024/2025: Instructional Cost (Salary &amp; Benefits): approximately \$116,000.00</b></p> <p><b>Data Source:</b> <a href="#"><u>State Budget 2024</u></a></p>

<b>Commendations</b>
<ul style="list-style-type: none"> <li>• Childcare fields are a current and future need in Pennsylvania.</li> <li>• Childcare fields are more limited and specific in the regional areas.</li> <li>• Childcare options are a requested program according to student surveys.</li> <li>• Teaching positions pay a living wage, with benefits and security.</li> </ul>

<b>Recommendations</b>
<ul style="list-style-type: none"> <li>• 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.</li> </ul>

## 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 <a href="#">23-2011</a>	Associate's degree	11,530 positions	1,192 positions	\$44,280	\$65,940	\$76,600
Lawyers <a href="#">23-1011</a>	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 <a href="#">23-2011</a>	Associate's degree	1,730 positions	196 positions	\$43,440	\$57,680	\$64,800
Lawyers <a href="#">23-1011</a>	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.



## 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/Ph D	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.



## 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.

