



<http://www.lcctc.edu>

Masonry

CIP – 46.0101

Instructor: Mr. Clay Roach

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QUESTIONS?

Contact the School Counselors:

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Every Learner, Every Day, Career-Ready in Every Way!

Lebanon County Career and Technology Center

Mission Statement

The Mission of Lebanon County Career and Technology Center is to provide all students with quality career and technical education that prepares students for high skill, innovative, and in demand occupations to be career ready in a global economy.

Our Vision

The Vision of the Lebanon County Career and Technology Center is to lead the transformation and expansion of career and technical pathways, continuously improving and diversifying educational offerings, bridging the gap between evolving industries and skilled talent.

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Masonry

Program Description: Students in the Masonry Program will learn the foundational skills needed to be successful in the masonry field, including working with brick, concrete block (CMU's), and concrete. While in the program, students will learn industry expectations and employability skills. In addition, students will also learn the responsibilities of a foreman, and have the opportunity to lead peers in daily, weekly, and job specific duties. Each student should come each day prepared for both theory and shop work and put forth their best effort.

Career opportunities range from a mason apprentice to block layer, bricklayer, estimator, or construction supervisor and may begin in high school with a co-op position providing job experience and a salary. The 500 members in the Lebanon County Builders Association as well as the Pennsylvania Concrete Masonry Association sponsor this program, provide student scholarships and employ graduates.

Two Year Half-Day Program

Year One: 8:00am – 10:25am (36 weeks – 3 credits)

Year Two: 11:25am – 2:00pm (36 weeks – 3 credits)

Program Costs:

Students are required to purchase the following at an estimated cost of \$100.

- Uniforms
- Work Boots

Job Titles – Career Pathways (Find online at <http://www.onetonline.org>) :

- Bricklayer
- Mason's Apprentice

CTC Knowledge Transfers to College Credits at: (www.collegetransfer.net select search and SOAR credits at the bottom)

- Thaddeus Stevens College of Technology- Ten credits are aligned to CIP 46.0101, Masonry Technology, Associate of Applied Science (AAS) Degree program.
 - MASN 101 Intro to Tools and Equipment
 - MASN 105 Introduction to Masonry Construction
 - MASN 155 Block Construction, Bearings, and Anchoring Systems
- ABC Keystone Registered Apprenticeship upon commencement of the LCCTC Masonry program and meeting qualifications:
 - Average grade of 80% or higher
 - Maintain a 95% attendance record (except for extenuating circumstances)
 - Score proficient on the task list

Certifications Available

NOCTI

National Occupational Competency Testing Institute (NOCTI) provides industry-based credentials and partner industry certifications for students enrolled in career and technical education programs.

PDE and Local Credentials and Certifications

Step Ladder	American Ladder Institute
Single and Extension Ladder	American Ladder Institute
Articulated Ladder	American Ladder Institute
Mobile Ladder	American Ladder Institute

About Your Instructor

Instructor Name: Mr. Clay Roach
Hire Year: 2026

Biography

I began my career in 1999 as an apprentice bricklayer with Caretti Inc. I worked for Caretti Inc. for over 20 years. I completed my apprenticeship in 2002 becoming a journeyman bricklayer. In 2014, I became a project foreman. I take immense pride in my work and the buildings I have worked on. I have always enjoyed teaching my apprentices the masonry trade and the work skills needed to succeed. In my spare time, I enjoy traveling, hunting, riding four-wheelers, and spending time with my family and friends.

Education

- Northeastern Senior High School
- International Masonry Institute

Certifications and Awards

- OSHA 10 and 30
- First Aid / CPR
- Foreman Training
- Anti-Harassment Training
- Mentorship Matters Training

Work Experience

- Caretti Inc. Mason / Foreman 1999-2015 and 2021-2025
- BAC Local 5 PA, Field Representative 2015-2021
- PA Masonry, Foreman 2025-2026

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Masonry Behavior and Safety Procedures

1. You must observe the office safety policies in place within the classroom.
2. You must observe the shop safety policies in place within the workshop.
3. Students will complete the safety program leading to certification.
4. No outside electronic devices will be allowed.
5. In case of an injury, regardless of severity, it must be reported to the instructor.

Masonry Tools & Equipment (major focus tools/equipment)

The following is a list of tools and equipment that students will receive instruction on:

- Masonry hand tools (trowel, striking iron, hammer, tape measure, etc)
- Mortar mixer
- Masonry saws (portable and stationary)

Grading Scale

The LCCTC grading system incorporates three components: competencies (skill— 33.3%), career skills (work ethic— 33.3%), and theory (knowledge—33.3%). Each academic class implements a performance evaluation/student grading system that incorporates career skills (work ethic), and theory (knowledge). Each component is weighted equally.

Please refer to the Student Handbook, available on the school website at <http://www.lcctc.edu> for a complete list of grading components.

Progress Reports

Students will receive a “Progress Report” each mid-quarter through the mail for any student with a 70% or less, and a “Report Card” will be given to each student at the end of each quarter. It is the student's responsibility to share this information with their parents/guardians. Both reports will utilize student performance data obtained from competencies, career skills, and theory grades.

Please Note: 40% is the minimum grade for the first 3 marking periods. However, students with excessive absences may be assigned an earned grade with administrative approval. There is no minimum grade for the 4th marking period.