



Masonry Level 2

Hello, and I hope this finds you doing well at the beginning of this school year. I want to take a moment and introduce myself and tell you about the Mountaineer Masonry and Construction programs. My name is Eric Sollie, and I am the masonry/construction instructor for Tuscola High School. I worked in construction for 8 years before I started teaching and am still an owner/partner of Roberts and Sollie Contracting, LLC. I am a Veteran with a background as a military policeman. I believe in the importance of our younger generations learning the time-tested skills involved in the construction trades. Your student will be a part of a program that is centered around hands on learning, and the development of life skills. I will challenge your student to think with their minds, be a part of a team, use their hands, and work on leadership skills they can use now and after graduation. Parent involvement is crucial to a student's success in education. Please ask your student what they are learning, and working on in class.

Pre-requisite: NCCER Masonry Level 1

PROOF OF LEARNING: Each student will be given the opportunity to earn an NCCER certification which upon completion results in a score of 100 on the final exam and exempts them from having to take the end of course test. If the student is not able to complete the certification process, they will be given an end of course final exam and will receive the grade they score for their final exam grade. Not earning the certification does not affect their grade in any way.

Syllabus: Masonry 2

For this course students will continue to build on the skills they learned in Masonry Level 1. Much of this class will be spent in the shop building masonry wall projects, and on live projects around the community. Grades for my class are not weighted, and all assignments count the same toward a 10-point grading scale in accordance with school policy. Students will be graded on projects, participation, work ethic, responsibility, and written quizzes and exams.

Modules of Instruction:

Residential Plans and Drawing Interpretation: Module 28201-14 describes the information trainees will need in order to work with residential plans and construction drawings and convert that information into action on the job.

Residential Masonry: Module 28202-14 describes the construction techniques for residential and small structure foundations, steps, patios, decks, chimneys, and fireplaces and work activities that the mason must perform, as well as those tasks that tie into the masonry work.

Grout and Other Reinforcement: Module 28203-14 describes the use of grout and other types of reinforcement, such as reinforcing steel, to strengthen and support masonry structures. The module also describes the locations where grout can be used and the techniques for placement.

Metalwork in Masonry: Module 28204-14 provides instruction on the methods and materials used to install masonry openings and to tie wythes together and to structural elements.

Introduction to Weatherization: Module 28205-14 contains detailed information that directs the mason in accomplishing the actual construction of walls, arches, and other useful structures. The text explains construction techniques, safety requirements, and interaction with structure components.

Please let me know if you have any questions or concerns at any time throughout the semester. And thank you for supporting your child's Career and Technical Education at Tuscola High School.

V/R Eric Sollie

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