



Masonry I & II

Instructor: John Clark
NCCER Masonry Certified Instructor

E-mail: John_J_Clark@mcpsmd.org

Credits:

- 1.5 credits per semester
- Each day the class meets for 2.5 hours (a triple period)
- Each student receives 15 SSL hours per successful semester grades
- A program completer “MUST” successfully complete 3 semesters here at Edison. Yes, the semester of FBCT course training counts toward the 3 semesters required to be a “PROGRAM COMPLETER”

Certifications & Articulations:

- The Goal is for every student to complete:
 - 1- Core Curriculum which is an Introductory to Construction Craft Skills with an emphasis on “SAFETY”
 - 2- NCCER Masonry Level I
 - 3- NCCER Masonry Level 2 (Very difficult to complete Level 2 and complete the Young American House project)
 - 4- OSHA 10 Training
 - 5- Every masonry student will have the opportunity to apply for enrollment in college level courses with Montgomery College.

Course Description:

The Masonry program provides students an opportunity to learn about the home building and the commercial masonry industry . Participants master a variety of construction skills. Students apply their knowledge and skills by participating in the “students-built” house project. The course of study descriptions correlates to the modules of the NCCER national standards.

- Classroom and lab activities will include a variety of hands-on laboratory experiences, class discussion, open-ended problem solving, work-based learning, and project-based learning.
- Students will often work in teams but will be expected to complete individual assignments in relationship to the team’s work.
- The culminating project activity for the Masonry course is the student’s participation in the Masonry work for the Young American student-built house

- Students will be required to draw upon academic skills in the areas of mathematics, science, language arts, and technology.

Class or Student Expectations:

- Student behavior in class will reflect all rules as outlined in the *Student Handbook*.
- Students will be expected to maintain an exemplary level of attendance.
- Students will be in room preparing for class when the tardy bell rings.
- Students should be dressed in professional program attire. Students who are not dressed in uniform will not be permitted to participate in the practical aspect of class for that day.

Course Standards or Goals:

- Students will participate in the Young American student-built house project.
- Perform to industry standards.
- Students will uphold a professional work ethic.
- Observe all established safety standards.
- Students will work toward completion of NCCER module certifications.
- Students will work toward other state and national trade-specific certifications as made available.
- Course achievers attain articulation with Montgomery College and other apprenticeship training programs.
- Course completers gain knowledge and skills which qualify them for entry-level trade positions.

Major Course Projects and Assignments:

- Student Built House Project
- See attached “NCCER curriculum outline”

Attendance Policy

- Due to the extended duration of this course (**each class period is equal to three (3) class periods**), it is important that students attend class on a daily basis and are prepared to make up work due to absences.
- Notes for absences are due within three days upon return to school.
- Notes received after three days will not be excused without administrative approval.
- Students are responsible for submitting these notes to the attendance office.
- Edison requires a separate note from any given to a student’s home school.
- It is the student’s responsibility to provide documentation of any home school required absences to the Edison attendance office.

Assessment and Grading Plan:

- Teachers will assess and reassess student learning in a variety of ways over time.
- The report card grade will remain a letter grade.

- Teachers will record grades with the most precision appropriate for the task/assessment (e.g. percentages, points earned, plusses and minuses).
- Teachers will assign a grade no lower than 50% to a task/assessment that **meets minimum standards**.
- Teachers will establish due dates and deadlines.
- Work turned in after the due date and prior to the deadline may be dropped no more than one letter grade or 10% of the grade.
- Work not attempted and/or not submitted by the deadline will be recorded as a “0.”

Grading Scale: The *MARKING PERIOD GRADE* reflects the **percentage** of mastery/attainment of the objectives for class work in the student’s program at Thomas Edison High School of Technology, including presentations, projects, other assignments, and assessments, as well as adherence to professional/industry standards. The following **MCPS** grading scale will be used:

- 90 – 100 = A
- 80 – 89 = B
- 70 – 79 = C
- 60 – 69 = D
- Below 59 = E

Components of Quarterly Masonry Grades:

- 50% MANIPULATIVE**
- Skill in the use of Masonry tools and procedures
 - *NCCER* Performance Profile Tasks and other hands-on projects
 - Participation in the Young American student-built house project
 - Consistent observation of Masonry program safety rules and standards

50% COGNITIVE

25% *NCCER* Module Exams

25% Other

- Math Warm-ups
- Reading and Writing assignments
- Class Binder and Agenda Book assignments
- Quizzes and Tests

Policy for Reassessing Work: Re-teaching occurs when teachers or students determine that students are not meeting learning goals. The teacher determines the method and schedule for re-teaching. The teacher identifies reassessment opportunities **before** the original task / assessment occurs. When these opportunities occur, the teacher will provide only **one** reassessment opportunity per task/assessment. When tasks/assessments are reassessed, they may be reassessed partially, entirely, or in a different format. The reassessment grade **replaces** the original grade.

- Only one opportunity for re-taking tests or re-doing work is offered for each assignment, except as noted below.
- The following tasks / assessments which indicate a final measure of learning may *not* be reassessed, except as noted below:
 - End-of-course or semester exams
 - Assessments which end an instructional unit or period of study
 - Final research papers, reports, or essays
 - Culminating projects or performances
 - Days missed at the Young America student-built house project
- **NOTE:** *NCCER* Module Exams may be re-taken as often as necessary for the student to earn certification. When a student successfully passes a re-taken module exam, the maximum score will be 70%.

I have read and understand the expectations and syllabus:

Parent Signature: _____ Date: _____

Student Signature: _____ Date: _____

It is very Important that “SAFETY” First Policy cannot be over stated.
In the “STUDENT EXPECTATIONS” section above it states

- **Students should be dressed in professional program attire. Students who are not dressed in uniform will not be permitted to participate in the practical aspect of class for that day.**

Dressed Professionally is addressing the absolute need to wearing all required personal protection equipment. This starts with hard hats, work boots, and safety glasses worn at all times. Additional Safety equipment will be assigned according to specific trade related jobs.