CorePlus Construction
Syllabus and Expectations

Instructor Contact Information:

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Course Description:

CorePlus Construction is designed to provide students with the technical skills necessary for entry-level trades positions and includes a strong emphasis on jobsite safety. This course also focuses on developing professionalism and highly employable traits and characteristics, providing students with skills necessary in all aspects of industry, including customer service and technical writing. Skills and knowledge are cultivated using hands-on activities, project-based learning, fieldtrips, and guest speakers to meet rigorous academic and industry standards. Students will participate in all aspects of building a structure, including: planning, blueprint reading, floor, wall and roof systems, electrical, plumbing, and interior finishes. Students will also gain insight into the different pathways within the construction industry and the different career opportunities associated with each pathway.

Course Outline:

- Overview of Construction Industry and Related Fields
- Jobsite Safety
- Construction Math and Measurement
- Hand and Power Tools
- Introduction to Construction Drawings
- Materials and Fasteners
- Wood Framing Systems and Components
- Exterior Finishes and Roofing
- Thermal and Moisture Protection
- Exterior Doors and Windows
- Interior Finishes
- Company Organization and Operations
- Project Planning, Scheduling, Cost Analysis
- Leadership and 21st Century Skills
- Post High School Training
- Career Development

Grading:

The grading system for this class consists of the number of points earned out of the point total for all projects, assignments, and quizzes. Grades will be made available online for student and parent access using StudentVUE and ParentVUE. Extra credit may be made available at the instructor's discretion.

Grading Breakdown:

Employability: 50%

- Students complete a daily timesheet assignment to evaluate and document their safety, professionalism, learning, and work ethic.
- Demonstrate our motto: Show Up. Work Hard. Learn New Things.

Assessments: 30%

- Projects, demonstrations, Exams

Assignments: 20%

- Daily work, skills practice, research and exploration

In my class I am **eliminating** the 40% grading floor for all work in which a reasonable attempt is NOT made. This includes:

- Work that is missing and has not been completed
- Work that is plagiarized (academic dishonesty)
- Work that does not attempt to follow the directions

Students can expect to receive a zero on assignments not turned in. As with all policies, there is room for adjustment based on extenuating circumstances and other factors as determined on a case-by-case basis. For example, if a student has an IEP, ELLP, or 504 plan that allows for extra time to complete work, these accommodations will be honored.

***A student's grade may be affected if a graded activity or assignment occurs during the period of the time when the student is absent and whose absence is not excused (NSD Board policy 3122). ***

Absence and Tardy Reporting:

In support of teaching employability skills and preparing students for their post high school pathway, all CorePlus Construction students are required to:

- Contact the instructor by email or phone the day of an absence, or prior to an absence, when possible.
- Contact the instructor by email or phone if they will be arriving late for class.

Requirements for the Shop:

Students will only be permitted into the shop space with the proper materials in place including personal protective equipment (PPE). The list of needed PPE used in this course is as follows:

Required materials provided By CorePlus:

- Safety glasses, hard-hat, hearing protection, tool belt, gloves
- Locker and combination lock to keep items on site and ready for use each day

Required materials provided by the student for daily use:

- Work boots are highly recommended but closed-toed shoes are required
- Work pants – jeans or cargo-style pants. No shorts, leggings, large rips/holes allowed

Class Expectations:

Students commit to demonstrate the following:

- RESPECT for yourself, your environment, and the people around you
- Responsibility for the SAFETY of yourself and those around you
- Professionalism and CUSTOMER SERVICE, positively representing our program
- READINESS TO WORK AND LEARN, with appropriate materials, mindset and attitude.