



STEEL CENTER
FOR CAREER AND TECHNICAL EDUCATION

SYLLABUS

Building Trades and Maintenance: 46.0401

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Program Description: Building Trades and an instructional program that prepares individuals to apply technical knowledge and skills to keep a building functioning, and to serve a variety of structures including commercial and industrial buildings and mobile homes. Instruction includes the basics of carpentry, millwork, plumbing, painting, electricity, concreting, bricklaying, tile setting, hardware usage, heating, ventilation, waterproofing, roofing and record keeping.

Textbook:

Residential Construction Academy Plumbing, Michael A. Joyce
Residential Construction Academy House Wiring 2nd edition, Greg Fletcher
Residential Construction Academy HVAC, Eugene Silberstein
Residential Construction Academy Basic Principles for Construction, Mark Huth
Residential Construction Academy Carpentry, Floyd Vogt
Residential Construction Academy Masonry, Robert Ham

Note: Students will not be assigned “take-home” copies of the course textbook. Under no circumstances are students to remove (a) book (s) from the “class set” without permission from the teacher. In other words, DO NOT EXIT THE CLASSROOM IF YOU ARE IN POSSESSION OF TEXTBOOKS.

Other Resources: Computer-based applications and content-relevant articles/materials selected upon teacher discretion.

Daily-Required Materials/Items:

- All students are to show up on time, ready to learn.
- Students must have something to write with.
- Work clothes, safety glasses, and work boots when we are working in the shop.

Assessment and Evaluation: All test, quizzes, and classroom assignments will be graded using Steel Center's grading scale:

93-100:	A
85-92:	B
77-84:	C
70-76:	D
<70:	E/F
Incomplete:	I

Measures of Achievement:

1. **Work Ethics (daily grade):** This grade accounts for 34% of the student's total grade. The scale is a 1-10 base on preparation, participation, behavior, and productivity or time on task.
2. **Skills Grade (task grade):** This grade accounts for 33% of the student's total grade and is comprised of the evaluation and recording of lab activities the students are assigned each marking period. The scale is a 1-10 base.
3. **Knowledge Grade (test and assignment grade):** This grade accounts for 33% of the student's total grade. The knowledge grade will include but not limited to homework, quizzes, time cards, weekly logs, midterm, and final exams.

Assignments, Tests/Timeline:

Tests will be based on a 100% scale and no less than 40 points per test.
Handouts, will be based on a 100% scale with no more than 40 points
Quizzes will be based on 100% scale with no more than 20 points

Tasks are based on a 10 point scale. You must attempt the Performance Objective at least one time prior to receiving a passing grade on any Hands on Performance Objective
Daily Grades will be based on Steel Center Daily Grade Rubric. Example: attire, time management, professionalism, followed directions, and followed procedure. 10 points
Due Dates will be assigned to all Knowledge and Skill Grades. 10% off
The total grade will be deducted every day it is late with no exceptions.

Other grading factors:

- Students are expected to behave in a respectful and responsible manner.
- Attended class regularly
- Report to class on time
- Fulfill daily learning objectives
- Follow all school rules
- Electronic devices (mp3 players and cell phones) are not permitted to be out when class is in session.

Attendance: Please refer to student handbook and improving attendance priority hand out.

Classroom/Shop Rules:

1. Be Prompt.
2. Be Prepared.
3. Be Polite.
4. Be Productive.
5. Plus, Follow School Rules.

Consequences:

1. Warning.
2. Point deductions of daily grade.
3. Parental consultation
4. Office referral.