



STEEL CENTER
FOR CAREER AND TECHNICAL EDUCATION

SYLLABUS

Building Trades and Maintenance: 46.0401

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Program Description: Building Trades is 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, minor sheet metal, 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:

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- 0-59 E/F

Final grade will consist of task attainment 66% of student grade and work ethic 34% of student grade.

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 handout.

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

Student Signature _____

Date _____

Parent Signature _____

Date: _____