

# OHHS CTE Department Course Syllabus



**Course Name:** Building Construction I, II and III

**Course Code:** CTO16A, CTO16B, CTO16C

**Course Description:** Learn building and framing techniques including the usage of construction materials. Employ construction industry standards in measurements and layout, blueprint reading, and proper hand/power tool usage. Projects will include: building tool box using hand tools, construction of a foot stool using portable power tools, skill units on electrical, plumbing, vinyl flooring, finishing carpentry, stair construction and working as a team to build a storage shed. Gain skills in roofing, carpentry, finish carpentry and dry-walling.

**Passing all three trimesters with a “B” or better the student should be entry level ready for the industry.**

**Prerequisites:** Successful completion of Wood Technology

**Course Resources:** Career Connections: One Trade, Many Careers, Project Book 1, Project Book 1, Project Book 3 Residential Construction, Project Book 3 Commercial Construction, and Math for the Trades

**Course Fees:** \$30.00

**College Tech Prep:** In process

**Course Outline/Instructional Units:**

Tool operations and safety

- Lumber take offs
- Construction math
- Layout
- Floor, wall, roof construction
- Stair layout and construction
- Plumbing
- Electrical

- Finish carpentry
- Drywall
- Career research

### Major Assessments

- Written tests
- Safety tests passed with 85% or better, required for tool usage
- Tool box - built with hand tools
- Foot stool built with portable power tools
- Scale model of shed
- Ladder & scaffolding safety
- Build a storage shed with group
- Professionalism

**Extra Help:** Students are encouraged to take advantage of tutoring opportunities. As well, one-on-one help will be offered in class. The lab is open every morning at 7:15 and there is a chart by the classroom clock to let you know when the lab will be open after school.

### OHHS Re-Do Policy:

OHHS is an effort based school where we believe all students can learn. We also know that students learn at different rates. Thus, we have implemented a re-do policy that recognizes the needs of individual learners.

- 100% Re-do
  - Assessments (with the exception of the Final exam)
  - Key Assignments: Evidence that demonstrates mastery of a standard
  - Additional materials may need to be purchased
- Students may need to:
  - Complete supporting assignments prior to re-do opportunities for them to show they can meet the standard.
  - Complete redo work outside of class time.
- The instructor may:
  - Assign “zero” grades when students choose not to do key assignments and/or assessments to standard.
  - Have different requirements for late work.
  - Provide a deadline for redo assignments.

**Re-Do Policy for Building Construction:** All safety tests must be passed with a grade of 85% or better. If you make no attempt to come in and do the operations test you will not be able to use that piece of equipment.. **You can only retake safety tests once.** Daily work and quizzes can be re-done for up to 80% credit on personal time.

### Weighted Categories

The CTE department has established the following categories and weighting.

<b>Category</b>	<b>Percentage of Overall Grade</b>
Assessments: Safety Tests, Quizzes and Projects	70%
Daily Work	20%
Professionalism	10%

**Assessments: Safety Tests, Quizzes and Projects: 70%**

**Daily Work: 20%** - In class / homework assignments to check student understanding. (Excluding Safety tests, quizzes and projects.)

**Professionalism Grade (10%) is earned by:**

- Be Here
- Be On time – Arrive to class before the last bell stops ringing.
- Be Prepared– Project out, safety goggles on, clothing for work is safe - no open toed shoes...
- Be On Task - working during period, conversations are on topic, doing clean-up job
- Be Respectful – listen during instruction, use positive comments when speaking with peers, word questions and comments appropriately during discussions

**Grading Scale:**

<b>Regular Scale</b>				
<b>Letter Grade</b>	<b>Percentage</b>		<b>Letter Grade</b>	<b>Percentage</b>
<b>A</b>	<b>93% and Above</b>		<b>C</b>	<b>73-76.99%</b>
<b>A -</b>	<b>90%-92.99%</b>		<b>C-</b>	<b>70-72.99%</b>
<b>B+</b>	<b>87%-89.99%</b>		<b>D+</b>	<b>67%-69.99%</b>
<b>B</b>	<b>83%-86.99%</b>		<b>D</b>	<b>60%-66.99%</b>
<b>B-</b>	<b>80-82.99%</b>		<b>F</b>	<b>59.99% and Below</b>
<b>C+</b>	<b>77%-79.99%</b>			

**OHHS PLAGIARISM POLICY:**

Any student who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, electronic or other materials not authorized by the instructor during a test or assignment, the use of testing

materials obtained previous to the test date, or plagiarism of any kind. Students found cheating will also be subject to an office referral, which could result in a suspension. As an effort based school, students who have plagiarized/cheated must still demonstrate their learning. Thus, students will be given the opportunity to complete the work. This will fall under the “Late Work Policy” of the teacher where total possible points may be reduced.