



# Reynolds High School



## Construction Trades 1 & 2

### Course Syllabus

*Building Relationships for Academic Success*

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<b>Course Materials @:</b> reynolds.schoology.com	<b>Course Information @:</b> sites.google.com/site/RHSWoodshop

### Required Materials:

Bring these materials with you every day. If you do not have your materials, you will not receive full credit for participation.

- **Pencils:** Bring at least two. Things break and it's always good to have a backup plan. Do not use pens or markers on your projects!
- **Notebook paper:** Find the kind with lines and holes. Bring a lot! Writing assignments must be turned in on lined paper with the holes intact. Torn, wrinkled or damaged papers will not be accepted. Since there is no textbook in this class, your notes will be your sole source of information for studying!
- **Binder:** You are expected to keep your notes and assignments until the conclusion of the course. Keep these in an organized section for wood shop. Keep graded assignments as evidence of your work in the event of a grade dispute.
- **Composition Book:** You will need a standard essay composition book for taking notes. Get the kind without removable pages. They are available for purchase if you cannot find one.

### Course Description:

In Construction 1 & 2, you will explore many trade areas specific to both the construction industry and home ownership. The purpose of this class is not to become proficient in any area of construction, but to experience a broad spectrum of skills in order to determine areas of aptitude through activity and application. Students will work in pairs and rotate through ten-day units. This class stresses safety. A score of 100% on every test will be required to use any machine. Access to course material is available online both at school and at home.

### Students New to Construction and Wood Shop

If you haven't taken the prerequisite class, you will start the semester by completing tool safety training and basic practice projects. This will count as your shop project for the first semester.

## Course Requirements:

<b>34%</b>	<b>Participation</b>	<b>Syllabus Acknowledgement</b> (100 points) <b>Weekly time card completion</b> (100 points each) <i>Time cards are completed each day and are due on the first school day of each new week.</i>
<b>33%</b>	<b>Skills</b>	<b>Tool Safety Card</b> (100 points) <i>This score is a percentage of how many tests you compete. There are 3 shop safety tests and 10 tool tests. Each tool test has two components, a written test and a hands-on test. All safety tests are completed on Schoology using a computer. They may be completed anywhere internet is available. Tests may be retaken as many times as needed to pass. A score of 100%, <u>and</u> a hands-on test is required to use any power tool. The tool safety card is due at the end of the semester.</i> <b>Written Assignments</b> (100 points each) <i>Written assignments must be turned in by the assigned due date for full credit.</i> <b>Unit Tests</b> (100 points each) <b>Quizzes</b> (10 points each) <i>You must be present to receive credit for quizzes. If an absence is excused, the quiz may be made up.</i> <b>Final Exam / Project</b> (100 points)
<b>33%</b>	<b>Projects</b>	<b>Construction Trade Activities (CTAs)</b> (100 points each) <i>Each CTA is completed in a ten-day cycle. At the completion of each unit, you will complete a review packet, including a short research project on your assigned trade, and a reflection on what you learned.</i>

## Course Schedule / Outline of Units:

Construction Trades I/II is a two-year course of study. Students work in continually reassigned partner groups to complete Construction Trade Activities (CTAs). Groups work independently on different CTAs. Students will be assigned CTAs from the following list:

<i>Blueprint Reading</i>	<i>Cabinet Making</i>	<i>Communications</i>	<i>Concrete</i>	<i>Drywall</i>
<i>Electrical</i>	<i>Estimation Skills</i>	<i>Finish Carpentry</i>	<i>Green Construction</i>	<i>Hand Tools</i>
<i>HVAC</i>	<i>Masonry</i>	<i>Painting</i>	<i>Plumbing</i>	<i>Power Tools</i>
<i>Roof Framing</i>	<i>Surveying &amp; Site Planning</i>	<i>Tile Setting</i>	<i>Wall Framing</i>	<i>Weatherization</i>

## Letter Grade Description & Percentage Breakdown

Your grade will be based on proficiency in the state standards for this course. Your grade will be determined by both formal and informal assessments. Your final grade will be reported on a traditional A-F scale.

Percentage	Letter	Description
90-100%	<b>A</b>	<b>The student fully understands the content, and the course objectives have been mastered.</b> <i>Professional: Projects at this level are complete, functional, and demonstrate mastery of the steps involved.</i>
80-90%	<b>B</b>	<b>The student understands the content and course objectives at an above average level.</b> <i>Complete: Projects at this level are complete and functional and demonstrate an understanding of the steps involved. Mistakes are allowed, but should be addressed in a description where you explain what happened and why.</i>
70-80%	<b>C</b>	<b>The student understands the course content and course objectives at an average level.</b> <i>Functional: Projects at this level are complete and functional, but may be missing steps or components. Mistakes are common, but the project is otherwise usable.</i>
60-70%	<b>D</b>	<b>The student does not understand the course content and a minimum of course objectives are met.</b> <i>Learning: Projects at this level show some understanding of basic steps. Some of the instructions were followed but not completed. The project is generally unusable.</i>
0-60%	<b>F</b>	<b>The student has not met a sufficient number of course objectives to pass a minimum level and receives no credit.</b> <i>Basic: Projects at this level are incomplete or show little to no effort.</i>

### Late Work Policy:

Work may be made up for any assignment missed due to an excused absence. An extension for the number of excused missed days will be granted. An *Assignment Recovery* request may be completed, with a parent signature, for any other missed work for partial credit.

Assignment Type	Late Policy
Syllabus & Permission Form	Due before tool use is allowed.
Time Cards	Due at the beginning of each new week for full credit. <u>Late time cards will only be accepted for one full week after the due date.</u> Exceptions to this will only be negotiated in a conference with a parent, administrator, or teacher-approved adult.
Tool Safety Card	Due at end of semester for final score. (These will be collected regularly to update your score.)
Written Assignments	Due on assigned date for full credit.
Quizzes	Due on the date assigned. You must be present for full credit. If an absence is excused, the quiz may be made up.
Projects	A grade will be entered on the assigned due date, but projects will be accepted until the end of the semester for full credit.

## Lab Fees:

There are no fees for Construction Trades I/II. If materials are misused or lost, or if a student wishes to make a personal project, additional money will need to be put in their account. Additional shop fees are paid at the main office before or after school.

## Class Expectations:

### 1. Integrity

- Your work is your work. Your materials are your materials. Claiming somebody else's work as your own is an insult to your own intelligence and ability. *Credit will not be given for some else's work claimed as your own.* If there is any question about this, you will be asked to start from scratch.

### 2. Respect

- Treat each other, yourself, your teachers, and your space in a positive, healthy manner. This includes the tools and machines. One of the biggest frustrations in this class is not having tools or machines available because they are broken from improper use. If you get it out, put it away. Use only what is yours.
- Disrespect of people in any way will not be tolerated and you will be removed from the shop.

### 3. Safety

- The woodshop and job sites have many safety hazards which are not present in most other classrooms. Because of this, proper behavior is extremely important. Any student who is unable to follow proper safety rules will lose shop privileges and/or be removed from the shop. The first part of the semester will be spent on safety procedures.
- A Woodshop Parent Permission contract must be signed to use any power tools, in addition to passing the three Woodshop Safety tests with a score of 90% or better.

### 4. Attire

- Safety glasses are required to be worn in the shop and whenever near any hand or power tools. You will be given a pair of safety glasses at the beginning of the semester. If you lose them, you must replace them. Safety glasses must carry an ANSI Z87 rating.
- Closed-toed shoes must be worn.
- Long hair must be tied back.
- Loose clothing may not be worn in the shop. This includes baggy coats and sweatshirts.
- Earphones, buds or other **wired or wireless** listening devices are not allowed. Cords may not be visible, as they are a snag risk.

### 5. Personal Belongings

- Each student will be assigned a locker and padlock to be used in the shop. Your belongings and project materials will be stored in the locker during class. This includes:
  - i. **Coats, backpacks & baggy clothes:** Backpacks may not be worn in the shop. Backpacks must be kept in a locker, or on the ground out of the work space. Backpacks may not be left on the workbenches.
  - ii. **Cell phones & other devices:** Wireless devices are often used for learning activities. At all other times they should be silenced and away. If you need to use your phone as a calculator or for another reasonable use, ask first and keep the device visible. This rule includes smart watches and any listening apparatus such as earphones, earbuds or bluetooth speakers. Device violations are:
    1. Lose device for remainder of period.
    2. Lose device for remainder of day.
    3. Device is sent to the office and must be picked up by a parent.

- iii. **Food:** Please do **not** bring food into the shop. You will have plenty of time to eat during lunch. You may store it in your locker during class and gobble it down in the six minutes it takes to meander to your next class. Food scraps attract mice. Do you really want mouse poop on your lovingly made cutting board?

## 6. Time Management

- Plan on working from bell to bell. If you are not in the shop when the bell rings, you will be marked tardy and/or sent to ISS for the remainder of the period. If you arrive late and the door is locked, please wait patiently for the teacher to open it. Consequences for tardiness include:
  - i. **Warning**
  - ii. **Complete** a written assignment before returning to work.
  - iii. No **power** tools for the day. (If you are frequently late, then you are missing important safety instruction and could pose a danger to yourself or others.)
- It is your responsibility to check on missed work when absent. This needs to be done before school, after school or during class when appropriate. All absences must be excused. Consequences for unexcused absences are as follows:
  - i. **Warning**
  - ii. **Complete** a written assignment before returning to work.
  - iii. No **power** tools the next day. (If you are frequently absent, then you are missing important safety instruction and could pose a danger to yourself or others.)
- a. How you use your time will determine how much time you have. If you manage your time wisely, you will be given more independence in the shop.

## 7. Use of Shop Space

- a. The shop is used by many classes and after school groups.
- b. Put tools away when done using them.
- c. Materials use must be approved by the teacher. Materials are not free!
- d. Do not leave your materials or projects out. Any materials left out will be returned to the materials room and you will have to purchase them again.
- e. Do not hide projects or materials in the shop. If you need a larger storage area, ask the teacher.
- f. Put your first and last name, and your period on each piece.
- g. Store your project materials in your locker.

## 8. Behavioral Interventions

- a. Warning
- b. Conference
- c. Refocus assignment
- d. Written contract
- e. Call home
- f. Detention
- g. Referral

**Please complete and sign the *Syllabus Acknowledgement Page* and return it to class.  
(It is a graded assignment!)**



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## Construction Trades I/II

### Syllabus Acknowledgement Page

*Building Relationships for Academic Success*

<b>Student Name:</b>	
<b>Name of Course:</b>	
<b>Teacher:</b>	
<b>Period:</b>	

What are the four required materials for Construction Trades?

- 1.
- 2.
- 3.
- 4.

What are the three grading categories for Construction Trades?

- 1.
- 2.
- 3.

What are the first three course expectations for Construction Trades?

- 1.
- 2.
- 3.

When using your cell phone in class, what two things must happen?

- 1.
- 2.

Where can you eat in the wood shop?

How much does it cost to take this course? Can you use all the materials you want?

Where must your backpack be during shop time?

What two things must be completed before using any power tools?

- 1.
- 2.

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***We have read the course syllabus for Exploring Woods and understand the requirements.***

<b>Student Name:</b> <b>Student Signature:</b> <b>Date:</b>	<b>Parent/Guardian Name:</b> <b>Parent/Guardian Signature:</b> <b>Date:</b>
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