

Dallas High School
Home of the Dragons

Agricultural Woods & Construction I
2021 - 2022

Instructor: Ryan Rowley

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Office Hours: by arrangement.

Prerequisite: None

Course Description:

This is an entry level course with little to no experience required. Students will learn essential skills of woodworking and construction trades including: safe operational procedure for tool use, material selection, project planning, fastening, joinery, and finishing. This is a hands on course that will involve the training and use of a variety of commonly used hand and power tools.

Texts and Lab Manuals:

None Assigned

Course Outline: First Semester

	Unit Topic	Summative Assessment	Standards
Unit 1	Safety – Shop, tool, equipment	A safety portfolio to include safety exams for each piece of equipment and written proof of safe operational demonstration.	AG 02.01 Use oral and written communication skills AG 06.03 - Understand appropriate health and safety emergency procedures AG 06.02 - Identify health goals, emergency procedures for safety and first-aid

Unit 2	Material Selection	Exam – given a variety of construction materials appropriately select materials for specific purposes Clipboard project (rubric)	PST 01. - Use physical science principles and engineering applications
Unit 3	Project planning and measurement	Sample project plan (rubric) Shelf Project (rubric)	PST 04. - Plan, build and maintain agricultural structures
Unit 4	finishing	Practicum / unit exam / Shelf Project (rubric)	AG 10.02 - Use tools, equipment, machinery and technology to work in areas related to agriculture.
Unit 5	joinery	Box project (rubric)	AG 06.02 - Identify health goals, emergency procedures for safety and first-aid PST 02. - Plan, operate, maintain and troubleshoot mechanical equipment, structures, biological systems, land treatment, power and technology

Standards to Be Assessed:

Upon successful completion of the course, students should be able to:

1. AG 02.01 - Use oral and written communication skills in creating, expressing and interpreting agricultural information and ideas including technical terminology.
2. AG 03.01 - Solve agriculture problems using critical thinking skills (e.g., analyze, synthesize and evaluate, independently and in teams).
3. AG 06.02 - Identify health goals, emergency procedures for safety and first-aid for agricultural workplaces and occupations
4. AG 06.03 - Understand appropriate health and safety emergency procedures for agricultural occupations.
5. AG 10.02 - Use tools, equipment, machinery and technology to work in areas related to agriculture.
6. PST 01. - Use physical science principles and engineering applications
7. PST 04. - Plan, build and maintain agricultural structures.

Academic Integrity: We expect students to express academic integrity by doing their own work and properly documenting information gathered from other sources. Students who violate the principles of

academic integrity will be subject to disciplinary consequences (see Insubordination section of the on-line student agenda).

Extra Credit: Extra credit is not offered, however students may be given additional opportunities to show mastery.

Extra Help: Students will have access to the Dallas Study Center, an area for students to retake tests, make up other work, or to complete study table hours for a coach. It will be staffed full time and available for students Monday-Friday. Students may access this during open periods and during Tuesday early release time, before all sports practices.

Bathroom/Hall Pass: No student will be allowed to leave the classroom in the first 10 minutes of class, or the last 10 minutes of class.

Parents/Guardians: Please sign this sheet, detach, and send back with your student. By signing this form, you acknowledge that you have read and fully understood the expectations, rules, and standards associated with Woodshop I. You also fully understand the need for complete cooperation from your student in a class of this nature. Should you have questions, please call 503-623-8336 x 3212 or email using the email address provided in this document.

Please note that student grades and progress are available via Canvas on our high school website. It is recommended that parents who wish to track their student's progress utilize this system to do so.

With the passage of senate bill 2444 all students enrolled in agricultural education course at Dallas High School will have paid membership in the National FFA Organization. Students have access to and are encouraged to participate at the level with which they feel comfortable. The FFA is a youth leadership organization that is dedicated to making a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education. If you have any questions please ask.

DHS SHOP USER SAFETY AGREEMENT

I, _____ (printed name) the undersigned, a student in the Dallas High School Career and Technical Education Center, agree to follow all safety rules and procedures and agree to the statements below. I have:

- Successfully completed the Safety Orientation Unit.
- Had shop policies and procedures explained to me.
- Received demonstrations on all the major machines.
- Been instructed to ask for help on any machine with which I am not familiar.
- I will not operate any machine without such instruction.
- Received a pair of safety glasses.
- I will be responsible for wearing eye protection at all times in the shop facilities.
- I understand that there are certain risks associated with the use of this equipment and if I have any questions or think that a piece of equipment is not functioning properly, I will ask the person in charge.

Additionally, I know that I must:

- dress appropriately for the shop and lab areas. (closed toed shoes, eye protection, etc.)
- Follow school policy regarding any and all other regulations to include: use of tobacco, foul language, etc.

Student Signature:

_____ Date: _____

Parent or Guardian

Name (Print) _____ Signature _____

Below please indicate the best method of contact as well as the best time to contact. (email, phone, etc.)

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