



Syllabus: Into to Welding Metallurgy

Course Number: WLDG 1337

Instructor Information

Name: Chris Johnson

Office: Agriculture Shop

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Course Description: A study of metals from the ore to the finished product. Emphasis on metal alloys, heat treating, hard surfacing, welding techniques, forging, foundry processes, and mechanical properties of metal including hardness, machinability, and ductility.

End-of-Course Outcomes: Describe technical terms used in metallurgy and classification of metals; identify metals and how they are processed and used in industry; and describe mechanical and physical properties, surface treatments, and heat treatment of metals.

Student Requirements for Completion of the Course and Due Dates

Students must complete tests and assignments by the due date given by the Instructor. You will be required to attend College sponsored events. You are required to maintain a "C" average or above to receive a certificate of completion.

Student Assessment

Students will receive grades for lab activities as well as classroom work and participation.

Make-up Policy

Make-up work must be completed by due date.

Academic Integrity Statement

Scholastic dishonesty, involving but not limited to cheating on a test, plagiarism, collusion, or falsification of records will make the student liable for disciplinary action after being investigated by the Dean of Students. Proven violations of this nature will result in the student being dropped from the class with an "F".

This policy applies campus wide, including TC Testing Center, as well as off-campus classroom or lab sites, including dual credit campuses. This information can be found in the Student Handbook at <https://texarkanacollege.edu>.

Disability Act Statement:

Texarkana College complies with all provisions of the Americans with Disabilities Act and makes reasonable accommodations upon request. Please contact at 903.823.3283, or go by the Recruitment, Advisement, and Retention Department located in the Administration building for personal assistance. **If you have an accommodation letter from their office indicating that you have a disability which requires academic**

accommodations, please present it to me so we can discuss the accommodations that you might need for this class. It is best to request these changes at the beginning if not before the start of class so there is ample time to make the accommodations.

Course Materials

Pen and/or Pencil

Notebook paper for assessment and note taking

Folder for storing classwork which will be kept in the classroom

Closed toed shoes – **ABSOLUTELY NO FLIP FLOPS**

Blue jeans that can get dirty

Old long sleeve cotton shirt for welding

Each student will be issued a designated Locker

SAFETY GLASSES

Each student will be provided 1 pair of Z-87 Safety Glasses at the beginning of the school year, if the safety glasses are lost or damaged you will be responsible for your next pair of safety glasses. The Ag Shop will have extra pairs of safety glasses for the price of 5 dollars each.

Agriculture Department Rules

1. The Agriculture Department will strictly adhere to Atlanta High School's Student Responsibilities – Rules and Attendance policies. They are available to review in each student's school agenda.
2. Class begins when the bell rings. Students are expected to BE ON TIME, BE SEATED, BE PREPARED, and BE ATTENTIVE. Students will be considered tardy if they are not in their proper seat when the bell rings.
3. Students are expected to BE RESPECTFUL and treat their class, classmates, and classroom environment with respect. Disrespectful and/or rude behavior will not be tolerated.
4. Students are expected to BE RESPONSIBLE and ACCOUNTABLE for their actions and behavior during class and towards their classroom assignments/responsibilities.

SAFETY

This class will introduce the student to a variety of industry standard equipment. Safety is the number one priority at all times while working in the shop. ALL students will be required to take the safety portion of this class as well as pass the written safety test with a score of 100% before they will be allowed to work in the shop. Safety will be discussed daily with ZERO tolerance for unsafe work ethics.

Behavior Expectations and Consequences

The objective and policy of the Agriculture Department is to create a safe, positive and productive learning environment for each student and the class. Any behavior or action that does not meet this objective will result in immediate attention and action.

Consequences for inappropriate behavior include a verbal warning, removal from class, referral, Agriculture Department work duty/assignment, parent contact and/or AHS administration action.

We have discussed the above information in class. Please take the time to discuss the information with your student. Sign and return this form to Mr. Johnson. If you have any questions, please don't hesitate to contact any agriculture advisor at the High school.

AFFIDAVIT

My signature below indicates that I have read and understand this syllabus and have been given a copy of my own to keep.

Student Signature

Date