

## **Architecture & Construction**

### **Agricultural Science**

#### **Introduction to Agricultural Mechanics – 7501**

**Credit:** ½

**Grade:** 11-12

Prerequisite: Intro to Ag Science Tech Recommended

*Course offered Zero Period at HHS.*

Students will be instructed on employability, use of tools and equipment, basic wiring, basic plumbing, concrete construction, basic carpentry, fencing methods, and use of hot and cold metal skills using oxy-fuel welding and cutting equipment.

**PISD will provide transportation for PHS to HHS for this zero hour course.**

#### **Agricultural Metal Fabrication – 7502**

**Credit:** ½

**Grade:** 11-12

Prerequisite: Intro to Agricultural Mechanics

*Course offered Zero Period at HHS.*

Students will be instructed on employability, entrepreneurship in the field of metal fabrication.

Students use various tools and will learn of the various metals and properties used in metal joining technology and processes of oxy-fuel equipment and metal fabrication.

**PISD will provide transportation from PHS to HHS for this zero hour course.**

### **Technology Education**

#### **Construction Systems - 7202**

**Credit:** ½

**Grade:** 10-12

**Prerequisite: Recommended Technology Systems**

Course in construction for residential and civil structures. Students learn and experience common construction tools, machines, materials, processes, and work on projects of construction.

#### **Architectural Graphics – CAD - 7008**

**Credit:** 1

**Grade:** 10-12

Prerequisite: Engineering Graphics or teacher approval

This is a CAD course, computer aided drafting, where students utilize skills of residential design, architectural styles, and construction practices. Activities focus on the development of original working drawings and model projects. [Tech Prep articulated course]