

# Agricultural Mechanics & Metal Technologies



**Prerequisite:** Any intro level AG course

**Course:** 1122CT

**Credits:** 1

**Length:** 18 weeks

**Placement:** 9-12

## Course Description

Students enrolled in this course will be exposed to careers in agricultural power, structural and technical systems. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete and metalworking techniques.

## Student Activities

Activities for this course include hand and power tool operations, electrical wiring, plumbing, carpentry and metalworking techniques. Students will be able to construct numerous projects as they relate to the activities.

## Competitions

Students will have the opportunity to join and compete in Career Development Events through the National FFA Organization. Students will be able to construct and exhibit their projects in the Ag Mechanics Contest and compete for scholarships and industry products and equipment.

LDE, CDE, and State Welding Competitions as well as Ag Mechanics Competitions.

## Certifications

OSHA Certification Possible  
Student Cost: \$12.50 BBIA: \$12.50

## Organizations



## Additional Considerations

Students need fine motor skills and mobility. Students handle sharp objects and use dangerous equipment.