

Farm Power II

PURPOSE: The student will perform maintenance tasks such as flush and clean a radiator, bleed a diesel fuel system, change oil and filter, change thermostat, install fan belt, replace spark plug, time engine test compression and understand a service manual. This class will supplement student preparation for a career in ag sales & service, ag mechanics and production ag. Special Note: Students may elect to take this course for 2 hours of college credit through Fort Scott Community College (AGR 2213 Farm Power & Maintenance.) The student must pay tuition.

HIGH ACHIEVEMENT UNIT OUTCOMES:

Outcome I: Identify basic engine design, construction, components, and classification

Components: Explain parts and construction of a 4 stroke cycle engine

Explain components and application of 4 stroke cycle engine

Outcome II: Identify various tools and their use

Components: What to look for in a tool

Tool handling and storage

Outcome III: Demonstrate knowledge and use of engine systems

Components: Define horsepower

Define electricity

Outcome IV: Maintain a Supervised Agriculture Experience

Components: Maintain SAE

Apply for appropriate awards

Outcome V: Participate in FFA

Components: Paid dues

Attend district CDE or conference

