**Vehicle and Equipment Maintenance**

**Course Outline**

Mr. Behrends

Bruce Agriculture

*This course will cover the basics of vehicle and power equipment maintenance, repair, and mechanics. Students will learn about the processes and procedures necessary for efficient function of power equipment.*

**Units:**

-Safety

-Small Engine Identification and Review

-Hand and Power tool Identification and Review

-Learn and use precise measuring tools

-Diagnostics and Troubleshooting

-Tune-Ups

-Vehicle anatomy

-Engines

-Power train

-Frame

-Body

-Electrical system

-Regular Preventative Maintenance Basics

-Oil Change

-Tire Pressure Check/Rotate

-Brake Service

-Air Filter Clean

-Car Cleanliness

-Fluids Check

-Body Work Basics

-Dent Removal

-Finishing

-Rust Hole Repair

-Power Transfer Methods

 -Transmissions

 -Hydraulics

 -Hydrostatic Drives

 -PTO’s

-Personal Vehicle/Equipment Work

-Tune ups, Repairs, Rebuilds, and Maintenance