



## REGIONAL CAREER PATHWAY PROGRAM

The Regional Career Pathways programs are designed to offer high-quality Career and Technical Education programs to students who are unable to access programs in their home districts. All of the selected programs are nationally recognized and offer students the opportunity to earn industry-recognized credentials before graduation. Any student residing within the boundaries of Community Unit School District 300, Central Community Unit School District 301, St. Charles Community Unit School District 303, or School District U-46 who is in good standing and meets program requirements is eligible to apply for admission to the program.

**Transportation: Provided by each student's home school district**

**Cost: No additional cost to students/families**

### **AUTOMOTIVE TECHNOLOGY**

The Automotive Technology program is housed in School District U-46 at Elgin High School and South Elgin High School. The program is accredited through the National Institute for Automotive Service Excellence.

#### **AUTOMOTIVE TECHNOLOGY**

**Grade Level:** 10th

**Prerequisite:** None

**Length:** Year-long 1 period class

**Content:** This class will cover the basic fundamentals and proper procedures in vehicle diagnostics and repair through the combination of lab work and related instruction in the 4 Automotive Service Excellence areas

(<https://www.aseeducationfoundation.org/ase-education-foundation>). Topics will include Electrical/Electronics, Brakes, Steering and Suspension, Engine Design, Construction, and Performance. Students will demonstrate the use of hand tools, power tools, and automotive diagnostic equipment. Students will use testing equipment to locate and identify potential vehicle problems.

#### **ADVANCED AUTOMOTIVE TECHNOLOGY**

**Grade Level:** 11th

**Prerequisite:** Automotive Technology (student must earn a C or better both semesters)

**Length:** Year-long 2 period class

**Content:** This 2-period class will prepare students for the Automotive Service Excellence (ASE) testing that leads to certification and a career in the automotive field (<https://www.aseeducationfoundation.org/ase-education-foundation>). Students use a variety of testing devices, equipment, and specialty tools to supplement their learning in the 4 ASE areas advanced systems diagnosis.

Students will apply intermediate testing and diagnostic techniques on electrical systems, fuel injection, ignition, computer systems, suspension, steering, and brakes.

#### **AUTOMOTIVE SERVICE**

**Grade Level:** 12th

**Prerequisite:** Advanced Automotive Technology (student must earn a C or better both semesters)

**Length:** Year-long 2 period class

**Content:** This 2-period class will prepare students for Automotive Service Excellence (ASE) testing certification and a career in the automotive field (<https://www.aseeducationfoundation.org/ase-education-foundation>). Students engage in the diagnosis of vehicles in a repair facility atmosphere by using a variety of testing instruments and specialty tools. Areas of study include advanced electrical, fuel injection, ignition, computer systems, emissions, steering/suspension, brakes, and engine performance diagnosis and repair.

#### **INDUSTRY CREDENTIALS AVAILABLE**

Certified All Data Specialist, ASE Automotive Service Excellence in Maintenance and Light Repair, National Automotive Training Education Foundation Certificate

