



# SKILLED & TECHNICAL SCIENCES ACADEMY

## AUTOMOTIVE



### Course Sequences

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#### Required:

Power & Energy  
Automotive Technology

#### Recommended but not required:

Exploring Industrial Tech (Freshmen)  
Technical Math\*  
Metals 1

### Student Organization:



### OVERVIEW:

Students in the Automotive Pathway will concentrate on the familiarization of parts and theories of operation of the automobile while gaining hands-on experience in a realistic setting. Upon completion of the academy, students will be able to make proper adjustments and measurements concerning the systems of the automobile including power train, ignition, electrical, brakes, suspension, fuel, and cooling. Included in the troubleshooting will be the use of scan tools and other test equipment. Professionalism and safety will be emphasized in the Automotive Academy.

### Possible Careers:

Automotive Repair Facility, Lube Center, Tire Repair Facility, Service Station Attendant, Specialized Technician, Shop Supervisor, Service Manager