

# Automotive Technology Programs

Automotive Technology I is designed for juniors and seniors who are interested in automotive technology. It is composed of the theory and operation of the mechanical, electrical, and computer systems of engines. This includes overhaul, general repair, and preventive maintenance. Much emphasis is placed on the students learning the proper use of manuals, tools and test equipment found in modern automotive shops. The student will receive a general working knowledge of mechanical or electronic component operation and physical working experience of correct diagnoses and repair of the above systems.

**JOB OUTLOOK:** Employment of automotive service technicians and mechanics is expected to grow 17 percent from 2010 to 2020, about as fast as the average for all occupations. Job opportunities for qualified jobseekers should be very good. Mechanic careers are attractive to many because they afford an opportunity for good pay and the satisfaction of skilled work with one's hands. Training received in the Automotive Technology I & II programs may be used as a basis for entry level into the labor market or further training at a community college, technical school, or university.



Automotive Technology II is designed for seniors who have successfully completed Automotive Technology I. This course consists of all phases of general automotive servicing, including alignment and front-end servicing, tune-up, use of electronic diagnostic instruments, major and minor overhaul drive trains, and repair of transmissions. Most work is done on automobiles just as they would come in the shop in an auto dealer's service department. The students receive actual job type responsibilities and apply their knowledge in a physical manner. Experience with proper diagnostic procedures of on-board computers, electronics, and the different types of fuel injection systems will be offered.

**BONUS:** Earn college credit for skills learned at Galesburg Area Vocational Center. Successful completion of Automotive Technology I and II articulates with the Automotive Technology Program at Carl Sandburg College. This coordinated curriculum eliminates duplication of coursework.

## Possible Career Options

- Automotive Technician
- Auto Parts Dealer
- Brake Repairer
- Transmission Mechanic
- Automotive Salesperson
- Truck Mechanic
- General Auto Service
- Automotive Shop Manager
- Automobile Assembler
- Automobile Claims Representative



## Serving Member Schools of the Delabar CTE System

- Abingdon-Avon High School
- Knoxville High School
- Galesburg High School
- Monmouth-Roseville High School
- ROWVA High School
- United High School
- West Central High School
- Williamsfield High School

Additional Information:

**Galesburg Area Vocational Center**

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*Galesburg Area Vocational Center*