

Automotive

Diagnose. Troubleshoot. Repair.

Basic Auto – 97101*

Semester-long course, 0.5 credit

Learn basic car maintenance skills. Through hands-on activities and labs, master correct procedures for servicing vehicles, shop safety, how to use service manuals and automotive tools, operation of shop equipment, and routine service repairs such as tire inspection, fluid conditions, fluid levels, changing and repairing tires, and maintaining automotive maintenance logs.

Advanced Auto – 97111*

Semester-long course, 0.5 credit

This course builds on knowledge gained in Basic Auto 1. Hands-on activities and labs will focus on advanced understanding of engine performance, brakes, auto electrical systems, steering, suspension, and alignment. Students complete the course by identifying and performing basic services on a vehicle.

Small Engines – 96701*

Semester-long course, 0.5 credit

Discover how engines work. Learn about mechanical components, performance and repair of 2- and 4-stroke engines through hands-on activities and classroom assignments. Learn about principles of engine operation and construction, carburetion, and the disassembly and reassembly of small gasoline engines.

Powersports & Equipment – 96702*

Semester-long course, 0.5 credit

Apply your knowledge of small engines to the powersports industry. Learn to troubleshoot and repair minibikes to utility terrain vehicles (UTV)s and everything in between. This course will focus on engine, drivetrain, electrical, brake, and hydraulic systems along with general maintenance.

*Course eligible for college credit.

Enroll today!

cte.mpls.k12.mn.us



For more information please contact your counselor or email: cteinfo@mpls.k12.mn.us



ASE Collision Repair 1 – 97404*

Semester-long course, 0.5 credit

Take the first step to become ASE certified in Automotive Collision and Repair. In this course you will develop a variety of auto body repair skills including: panel repair and replacement, removal, replacement, and adjustment of interior and exterior panels, metal finishing and body fill, metal welding and cutting, plastic and adhesive-related repair procedures.

ASE Collision Repair 2 – 97414*

Semester-long course, 0.5 credit

This course builds on knowledge gained in ASE Collision Repair 1. Hands-on activities and labs will focus on advanced understanding of surface preparation, use of paint spray gun and related equipment, how to assess paint defects, how to mix, match and apply paint. Personal and environmental safety practices will be emphasized.

