

ORANGE HIGH SCHOOL

AUTOMOTIVE SYSTEMS

Automotive Systems Pathway:

The Transportation sector is an extremely hands-on field of study that intersects research and development with maintenance and operations in the various pathways found in this sector.

The standards are designed to integrate academic and technical preparation and focus on career awareness, career exploration, and skill preparation. Integral components include classroom, laboratory, and hands-on contextual learning; project- and work-based instruction; and leadership development. The standards in this sector prepare students for continued training, postsecondary education, and entry to a career.

“IN THE AUTO PATHWAY YOU CAN LEARN ABOUT DIAGNOSING PROBLEMS ON AN AUTOMOBILE AND LEARN ABOUT HOW THE DIFFERENT PARTS WORK. I ENJOY LEARNING ABOUT THESE TECHNICAL AND MECHANICAL THINGS. IF YOU ARE INTO CARS AND SHARE THAT INTEREST, YOU’D ENJOY THIS CLASS!”

- G. Wall

Class of 2021

To sign up for an Automotive Systems course, contact your OHS counselor!

Pathway Teacher:

Mr. Wasserman graduated with a B.A. in Business from CSU Fullerton and has a Master's of Business Administration from the University of Phoenix. He was fortunate to take Auto classes in his high school classes, industry experience in transportation as a technician at Union 76Waikiki Marine, Garden Grove Racing Equipment, Auto Haus, and in Marine Operations with Orange County Government.



For more information contact Automotive Pathway teacher Mr. Wasserman, jwasserman@orangeusd.org

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Sample Four-Year Plan:

This represents a sample four-year plan sequencing the classes offered in our Automotive Systems Pathway. Students must complete a level (02) and (03) course to be a pathway completer and earn a tassel to wear at graduation. Students should work closely with their counselor to incorporate appropriate honors, and AP courses as well as other graduation and A-G required courses.

Course Type	9th Grade	10th Grade	11th Grade	12th Grade
Automotive Systems	Auto MLR I (02)	Auto MLR II (03)	Auto MLR III (03)	Professional Internship (03)
A-G Approval	G College Prep Elective	G College Prep Elective	G College Prep Elective	

Course Descriptions:

Automotive MLR I (02): This is the first course in the 3-course sequence that prepares students for the Maintenance and Light Repair (MLR) ASE Student Certification test. The MLR certification requires students to perform the most common maintenance and light repair services. Students will be introduced to automotive technology concepts in the classroom and be provided lab-based, hands-on maintenance and repair experience. This course is articulated to Santa Ana College and Fullerton Community College.

Automotive MLR II (03): This is the second course in the 3-course sequence that prepares students for the Maintenance and Light Repair (MLR) ASE Student Certification test. Students will demonstrate mastery of more complex tasks that build upon the knowledge previously learned in Auto MLR I. Students will be prepared by the end of the course to begin internships in Automotive and Transportation Technology -ASE-III. This course is articulated to Santa Ana College and Fullerton Community College

Automotive MLR III (03): This is the third course in the 3-course sequence that prepares students for the Maintenance and Light Repair (MLR) ASE Student Certification test. Classroom instruction should be combined with an internship at a local repair facility. Students will demonstrate mastery of more complex tasks that build upon the knowledge previously learned in Auto MLR II. The internship will provide students with the required hand-on hours for the MLR certification and the experience to seek employment in the automotive industry or to seek post-secondary automotive education.

Professional Internship (03): Professional Internship is a semester long course that allows students to apply academic and career readiness skills in a workplace environment. Instruction will combine standards-based classroom instruction with extended on-site industry experience. Students will learn all aspects of professionalism and apply 21st century skills of communication, collaboration, critical thinking, creativity, problem solving, resume building and interview skills all in a real-world setting. This is a capstone course for all Career Technical Education Pathways.

Scan the QR Code to access the Transportation Website created by Mr. Wasserman

