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East Lee County High School

EAST LEE COUNTY



AUTOMOTIVE



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**EAST LEE COUNTY
AUTOMOTIVE
ACADEMY**

<https://elc.leeschools.net>



OUR PROGRAM

The Automotive Technology Academy coursework introduces students to the principles, theories, and concepts of Automotive Technology, and include instruction in the maintenance and light repair of Engines, Brake Systems, Electrical/Electronic Systems, Suspension, and Steering Systems, Automatic and Manual Transmission/Transaxles, and Engine Performance Systems. The instruction also includes identification and use of appropriate tools and testing/measurement equipment required to accomplish certain tasks.

Program participation provides students with an understanding of soft skills and technological skills required for employment in the automotive industry. With comprehensive instruction from a knowledgeable and experienced ASE certified instructor, students also get hands-on training using techniques and industry-standard tools to complete computer diagnostics. Students in this academy learn in the only professional state of the art automotive lab of its kind in the East Zone.

Students certify in the following:

- FADA Certificate Florida Automotive Dealers Association Light Maintenance
- ASE G1 Certificate Automotive Maintenance and Light Repairs

PROGRESSION

AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 1

Students explore career opportunities and requirements of a professional service technician. Content emphasizes beginning transportation service skills and workplace success skills. Students study safety, tools, equipment, shop operations, basic engine fundamentals, and basic technician skills.

AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 2

Students study automotive general electrical systems, starting and charging systems, batteries, lighting, and electrical accessories. Content emphasizes beginning transportation service skills and workplace success skills.

AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 3

Students study and service suspension and steering systems, and brake systems. Content emphasizes beginning transportation service skills and workplace success skills.

AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 4

Students study and service automotive HVAC systems, engine performance systems, automatic and manual transmission/transaxle systems, as well as practice workplace soft skills.