## PROGRAM OVERVIEW

If you live in the United States, almost every single thing you eat, wear or use has been transported by diesel powered vehicles and alternative/green power plants.

If you live in the United States, almost every single thing you eat, wear or use was delivered by a diesel-powered vehicle.

New EPA/CARB regulations have impacted the fuel technology and energy source/design used. Trucks, trains, buses and many other medium and heavy duty vehicles have evolved to match today’s more stringent clean air emission standards. Graduates of the Diesel Technology program are well paid and have a diverse choice of areas in which to specialize. In recent years, the demand from local employers has exceeded our supply of qualified graduates as the program continues to grow.

After successful completion of the program requirements, students will become proficient in all aspects of diesel engine fundamentals, electrical components, fuel systems, overhaul procedures, air brake system and the construction and operation of diesel engines.

## PROGRAM LEARNING OUTCOMES (PLOs)

Upon completion of the Degree/Certificate program, students are able to:

- Identify and explain the operation of diesel vehicle systems (such as engine, transmissions, brakes, electrical and suspension) along with their related subsystems and related industry standards.
- Diagnose and repair diesel powered vehicles and systems using various manufacturer diagnostic software, tools, and shop equipment in accordance with industry standards.

## USEFUL LATTC LINKS:

- College Catalog: http://college.lattc.edu/catalog/
- Financial Aid Office: http://college.lattc.edu/financialaid/
- Counseling Department: http://college.lattc.edu/counseling/
- General Education Information: http://college.lattc.edu/catalog
- Advanced Transportation & Manufacturing Pathway: http://pathways.lattc.edu/catalog-programs/atm1/

To register: http://college.lattc.edu/student/new-students/register-now/

For additional information consult a LATTC college counselor.