

**DIESEL
SYSTEMS
TECHNICIAN 2**

Post Secondary

Adult and

Vocational

Learning

CAREER CLUSTER

**Transportation,
Distribution and
Logistics**

PROGRAM NUMBER

T650200

CLOCK HOURS

750

GT_I

MISSION

The mission of Gadsden Technical Institute is to recognize the worth and potential of each student. We are committed to providing opportunities for basic and advanced instruction in a conducive learning environment. The Center encourages academic and technical curiosity, innovation and creativity by integrating applied academic skills in all occupational areas. We strive to instill the attitudes and skills necessary to produce motivated, self-sufficient individuals who are able to function effectively in our ever-changing, complex society.



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www.gadsdentech.org

Gadsden Technical Institute does not discriminate on the basis of race, color, national or ethnic origin in administration of its educational or admission policies, scholarship and loan programs, or any other school-administered programs.

**GADSDEN
TECHNICAL
INSTITUTE**

in conjunction with



**201 Martin Luther King Jr. Blvd.
Quincy, FL 32351
(850) 875-8324**

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ABOUT DIESEL SYSTEMS TECHNICIAN 2

This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Transportation, Distribution and Logistics career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the Transportation, Distribution and Logistics career cluster.

The content includes but is not limited to maintaining and repairing diesel engines and electrical systems; reconditioning diesel fuel injection systems; overhauling diesel engines; and performing diesel engine preventive maintenance.

The course content should also include training in communication, leadership, human relations and employability skills; and safe efficient work practices.

PROGRAM STRUCTURE

This program is a planned sequence of instruction consisting of five occupational completion points.

The courses may be taken in any sequence. However, an individual must take the Diesel Engine Preventive Maintenance Technician course (DIM0103).

Benchmarks identified with a designation of P-1, P-2, or P-3 are ASE tasks.

When offered at the postsecondary level, this program is comprised of courses which have been assigned course numbers in the SCNS (Statewide Course Numbering System) in accordance with Section 1007.24 (1), F.S. Career and Technical credit shall be awarded to the student on a transcript in accordance with Section 1001.44 (3)(b), F.S.

OCCUPATION COMPLETION POINTS

OCPs

OCP	Course Title	Course Length
A	Diesel Engine Preventative Maintenance Technician	150 Hours
B	Diesel Heating and Air Conditioning Technician	150 Hours
C	Diesel Steering and Suspension Technician	150 Hours
D	Diesel Drivetrain Technician	150 Hours
E	Diesel Hydraulics Technician	150 Hours
Total Hours		750

