

The Career Certificate (C.C.) in Diesel Systems Technician I prepares students for entry-level employment as a truck technician.

The program provides instruction on theory and operation through courses that align with Automotive Service Excellence (ASE) Certification areas.

<input checked="" type="checkbox"/> Task
<input type="checkbox"/> Complete an academic degree plan with your program advisor.
<input type="checkbox"/> Follow up with an advisor about any prior credits that you may have earned (e.g., coursework, military experience, work experience, licensure/certification exams, etc.).
<input type="checkbox"/> Attend program orientation.
<input type="checkbox"/> Satisfy the career certificate graduation requirements.

Program Accreditation

The Career Certificate program in **Diesel Systems Technician** is accredited by the **Automotive Service Excellence Education Foundation (ASEEF)**. For more information about ASEEF visit aseeducationfoundation.org.

Career Options

You will attain the knowledge and skills needed for such career options as automotive service technician and mechanics or bus and truck mechanics and Diesel Engine specialists. **Related Career Pathways** include the following: front-line supervisors of Mechanics, Installers and Repairers.

Related Industry Certifications

Upon completion of this program, students will be prepared for the following certifications or licenses:

- EPA Section 609 Certification for Mobile Air Conditioning systems
- ASE T1 through T8 certification

Advising

(904) 633-8281 or autodiesel@fscj.edu.

Recommended Roadmap

This roadmap provides general guidance about recommended courses. For specific guidance about your individual academic degree plan, please see an advisor. Also refer to the College Catalog for additional information. **This program is offered for full-time student enrollment.**

Fall Term

<input checked="" type="checkbox"/>	Course: Course Title	Contact Hours	Number of Weeks Per Course	Available Modalities
<input type="checkbox"/>	DIM 0004: Introduction to Diesel Technology	90	3	On-Campus
<input type="checkbox"/>	DIM 0301: Medium and Heavy Truck Electrical Systems	90	3	On-Campus
<input type="checkbox"/>	DIM 0801: Truck Brake and Hydraulic Systems	90	3	On-Campus
<input type="checkbox"/>	DIM 0111L: Truck Technician Lab I	90	3	On-Campus

Spring Term

<input checked="" type="checkbox"/>	Course: Course Title	Contact Hours	Number of Weeks Per Course	Available Modalities
<input type="checkbox"/>	DIM 0111: Medium and Heavy Truck Diesel Engines	90	3	On-Campus
<input type="checkbox"/>	DIM 0842: Diesel Engine Performance	90	3	On-Campus
<input type="checkbox"/>	DIM 0005: PMI for Medium and Heavy Duty Trucks	90	3	On-Campus
<input type="checkbox"/>	DIM 0802L: Truck Technician Lab II	90	3	On-Campus

Summer Term

<input checked="" type="checkbox"/>	Course: Course Title	Contact Hours	Number of Weeks Per Course	Available Modalities
<input type="checkbox"/>	DIM 0500: Truck Steering and Suspension	90	3	On-Campus
<input type="checkbox"/>	DIM 0610: Truck Heating and Air Conditioning Systems	90	3	On-Campus
<input type="checkbox"/>	DIM 0220: Diesel Powertrain and Powertrain Management Systems	90	3	On-Campus
<input type="checkbox"/>	DIM 0803L: Truck Technician Lab III	90	3	On-Campus

Total Program Contact Hours

Students considering a Career Certificate in **Diesel Systems Technician I** should be aware that the program requires **1050** contact/clock hours that must be completed and documented. Students should also understand and accept the attendance requirements prior to enrolling in this Career Certificate program. This **Diesel Systems Technician I** clock-hour program is eligible for financial aid.

Articulation

These courses are embedded into the Diesel Systems Technician (5826) (C.C.), an 1,800 contact hour career certificate program. They offer an exit point for students who want to get the skills they need to quickly start a career as a diesel truck technician.

Important for You to Know

Classes are 6 hours a day and run Monday-Thursday.

Test of Adult Basic Education: The Test of Adult Basic Education (TABE) is a major criterion in students' completion of the program. To earn the Career Certificate, students must achieve or surpass the [designated exit score\(s\) on the TABE](#) or qualify for a [TABE Waiver](#). Students with prior coursework, test scores or licensing may qualify for a [TABE Waiver](#) and can visit or contact any FSCJ [Assessment and Certification Center](#) to have the waiver processed and added to their individual student record. For students who do not meet the required TABE scores and who therefore need assistance to meet this exit requirement, the College offers remediation in basic skills through [Adult Education](#).

Notice to prospective students: A poor driving record, certain felony convictions or not having a regular unrestricted driver's license will adversely affect your employment opportunities as a diesel truck technician. Students are strongly encouraged to explore employment eligibility requirements for any career field before choosing and starting a program of study.

Program Learning Outcomes

Upon completing this program, students will be able to:

- Students will learn steering and suspension systems.
- Students will learn heating and air conditioning systems and will demonstrate the proper procedures for the recovery and recycling of refrigerants.
- Students will be able to perform precision engine measurements and determine necessary action.