Diesel Technology Planning Guide 2019-2020

Program Overview

The Diesel Power Technology program is designed to prepare students for employment in an exciting and growing field. Diagnosis and repair of heavy trucks, industrial and agricultural machinery, transit, marine, and generator power sets are but a few of the career pathways graduates can take upon concluding the program. This efficient energy source is widely used and provides jobs for those who enjoy working on heavy-duty equipment and the challenges of troubleshooting and diagnosing the ever-increasing use of electronic controls in the diesel industry.

Since many of today's systems are electronically controlled, the demand for trained technicians is greater than ever. Employers want employees who can understand a system and troubleshoot a problem logically. The Diesel Power Technology program provides training to fill that critical void.

The six-quarter Diesel Power Technology program combines classroom theory with hands-on experience in a well-equipped diesel shop, where students work on modern diesel engines as well as a variety of drive train components. Electronic diagnostics are emphasized throughout the course, not only with engines but also with components such as transmissions and ABS brakes. A modern computer lab will also help prepare students to retrieve repair information electronically, a skill which is becoming mandatory in today's workforce.

Sample Career Options Include:

Bus & Truck Mechanics & Diesel Engine Specialists
Farm Equipment Mechanics & Service Technicians
Mobile Heavy Equipment Mechanics

Workforce

If you are interested in working in the field of Diesel, our Workforce Planning Guide is designed to provide you with recommended courses to complete your Diesel Technology, AAS degree. Of course, educational plans may vary, based on which quarter you begin, how many credits are taken, and placement into Math and English. First year students start Fall quarter. To keep you on the best pathway, we encourage you to consult with an Academic Advisor for scheduling options.

Degree Map

Degree Maps are an integral part of our Planning Guide. Each Degree Map includes a suggested quarterly sequence of courses so you could earn your degree within two years of full-time study. Your Degree Map is also designed to help you create an individualized, customized Educational Plan, which is required of all SVC students. To start creating your Educational Plan, please consult with an Academic Advisor.

Degree Map-Diesel Technology