

Diesel Technician Certificate

Program Description

The Diesel Technician certificate is designed to prepare students for entry-level positions in heavy diesel mechanics.

Program Contacts

- Professor: Ron Luellen (ronald.luellen@yc.edu), telephone: (928) 771-6115
- Instructional Specialist: Stephanie Wiltcher (stephanie.wiltcher@yc.edu), telephone: (928) 717-7107
- Dean: John Morgan (john.morgan@yc.edu), telephone: (928) 717-7721

Program Outcomes

Upon successful completion of the Diesel Technician Certificate program, the learner will be able to:

1. Analyze and repair automotive and light truck diesel engines. (AUT108)
2. Analyze and repair automotive and light truck diesel fuel system components. (AUT108, AUT225)
3. Analyze and repair automotive and diesel truck electrical system components. (AUT109, AUT 128, AUT225)
4. Perform basic service maintenance on diesel cars and diesel trucks. (AUT100, AUT126, AUT128, AUT135)
5. Analyze and repair drive trains. (AUT124)
6. Analyze diesel truck computer controlled systems. (AUT 109, AUT128, AUT225).

Program Requirements

A minimum of 30 credit hours is required to complete the Diesel Technician Certificate.

Course	Course Title	Credit Hours
AUT100	Auto/Diesel Preventative Maint	2
AUT108	Engine Repair Technology	4
AUT109	Auto/Diesel Elect Systems	4
AUT124	Auto/Diesel Manual Drive	4
AUT126	Auto/Diesel Steer/Suspension	4
AUT128	Auto/Diesel Heat & Air	4
AUT135	Diesel Braking Systems	4
AUT225	Diesel Engine Performance	4