

# BASIC VEHICLE REPAIR TECHNICIAN



Certificate

Minimum 31 Hours

Career & Technical Education • One-Year Certificate • Minimum 2.0 OGPA • Major Code: CBVRT

Fall Semester		Credit Hrs
MATH 151	Occupational Math	4
DSL 130* or AUTO 191*	Basic Mechanical Skills Intro to Auto Technology	3
DSL 131 or AUTO 136*	Engine Electronics Auto Electronics	3
DSL 157* or AUTO 193*	Basic Internal Combustion Engines Auto Engine Fundamentals	3
DSL 230* or AUTO 134*	Diesel Brakes Brakes	3.5
Total Hours		16.5

Spring Semester		Credit Hrs
DSL 133	Preventative Maintenance	4
DSL 232 or AUTO 133*	Diesel Suspension & Steering Auto Suspension & Steering	3.5
DSL 235	Diesel Heating & Air	4
AUTO or DSL ELECTIVE		3
Total Hours		14.5

\* Designates courses taught as dual credit courses

**Suggested Electives:** AUTO 211-5 Automotive Engine Repair\*, AUTO 137-3 Auto Transmissions, DSL 275-4 Diesel Engines, DSL 234-4 Diesel Transmissions & Drive Trains, DSL 158-3 Hydraulics. Other AUTO or DSL courses may be used with instructor approval.

**SPECIAL REQUIREMENTS:** Students are required to furnish their own basic set of tools. Tool list provided by instructors. Safety glasses are required when working in the shop area.

**THE DIESEL LAB** is located in the Robert I. Gregg Technology Center at Southeastern Illinois College and **THE AUTOMOTIVE LABS** are located at the area high schools. These well-equipped labs are updated and maintained for quality training and technical instruction.

This is a Gainful Employment Certificate Program that prepares the student for gainful employment in a recognized occupation. Information regarding program length, cost, average loan debt and completion rates for this program is available at [http://www.sic.edu/ge\\_basic\\_vehicle\\_repair\\_technician](http://www.sic.edu/ge_basic_vehicle_repair_technician). You may also access Gainful Employment information from the SIC home page by selecting "Your Right to Know" from the footer of the page, and then selecting the Gainful Employment Programs option.

Occupational information about this program is available at O\*NET online [www.onetonline.org](http://www.onetonline.org). Once at that website enter the SOC Code that is listed for this program.

O\*NET – SOC Code:

49-2093.00  
39-2096.00  
49-3032.00  
49-3023.01  
49-3023.02

**Career Opportunities:**

Basic Diesel Mechanic, Basic Auto Mechanic.

**Major Employers:**

Independent Repair Shops, Vehicle Service Centers, Auto Deals, Farms and Heavy and Farm Equipment Dealers.