

Program Curriculum

<i>First Semester Freshman</i>	<i>Semester Hours</i>
DET 1114 Fundamentals of Equipment Mechanics	4
DET 1364 Diesel Systems I	4
DET 1223 Electrical/Electronic Systems	3
DET 1713 Transportation Power Train	3
Mathematics/Science Elective	3
LLS 1311 Orientation	<u>1</u>
Total Hours	18

<i>Second Semester</i>	<i>Semester Hours</i>
DET 1263 Electrical/Electronic Systems II	3
DET 1374 Diesel Systems II	3
DET 1513 Hydraulics I	3
DET 1614 Preventative Maintenance and Service	4
Social/Behavioral Science Elective	<u>3</u>
Total Hours	16

<i>Third Semester Sophomore</i>	<i>Semester Hours</i>
DET 2383 Diesel Systems III	3
DET 2273 Electrical/Electronic Systems III	3
DET 2253 Steering & Suspension Systems	3
ENG 1113 English Composition I	3
Humanities/Fine Arts Elective	<u>3</u>
Total Hours	16

<i>Fourth Semester</i>	<i>Semester Hours</i>
DET 2113 Welding for DET	3
DET 1813 Air Conditioning and Heating Systems	3
DET 2623 Advanced Brake System (Air)	3
SPT 1113 Oral Communication	<u>3</u>
Total Hours	12

Southwest Mississippi Community College does not discriminate on the basis of race, color, national origin, age, sex, religion, or disability in its programs, activities or employment practices. The following persons have been designated to handle inquiries and grievances regarding the non-discrimination policies: Mrs. Rhonda Gibson, Director of Disability Support Services, 601-276-3885; Mr. Blake Brewer, Vice President for Student Affairs and Title IX Coordinator, 601-276-3732; SMCC, 1156 College Drive, Summit, MS 39666.



Career Technical Education

Diesel Equipment Technology

Program Description

The Diesel Equipment Technology Program is a two-year degree program that provides students with the competencies required to maintain and repair various industrial diesel equipment, including agricultural tractors, commercial trucks, and construction equipment. The program includes instruction in the inspection, repair, and maintenance of engines, power trains, hydraulic systems, and other components.

An Associate of Applied Science degree can be obtained after successful completion of two years and a certificate can be obtained upon successful completion of the first year. Entry Level ASE certification can be obtained after successful completion of the program.

Admission Requirements

Priority given to applicants with ACT composite of 16 or equivalent ACCUPLACER score. All applicants must present documents of their scores.

Job Opportunities

Technician in diesel engine performance and repair, electrical and electronic systems, heavy-duty trucks/heavy equipment drive train systems, preventive maintenance, suspension and steering systems, air brake and hydraulic brake systems,

Contact Information

Kevin Bennett, Program Director 601-276-3739
kbennett@smcc.edu

Career Technical Counselor
601-276-3722

Visit us online at: www.smcc.edu