

ASSOCIATE OF APPLIED SCIENCE DEGREE

DIESEL TECHNOLOGY - MACK/VOLVO DATE

Length: 21 Months

The Diesel Advanced Technology Education (DATE) is an advanced program. Students will receive specialized training for Mack Trucks and Volvo Trucks including engines, electrical and electronics, emissions, powertrain, and chassis components. They will also take a core of general education courses to augment their technical education. Completion of the DATE program can allow graduates to enter the Mack or Volvo dealerships with Professional Mack and Volvo Certifications.

MISSION STATEMENT: The Diesel Department's mission is to provide a quality education from its diverse courses, developing students into a knowledgeable and productive work force.

<u>Technical Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
AU118 Transportation Heating Ventilation Air Conditioning	120	6
AU123 Electrical & Electronics I	120	6
DA221 DATE Computer Information Systems	120	6
DA222 DATE Truck Systems	120	6
DA223 DATE Engines & Emissions	120	6
DA224 DATE Drivetrains	120	6
DT124 Diesel Engine Diagnosis & Repair	120	6
DT131 Truck Drivetrains	120	6
DT228 Heavy Equipment & Vehicle Integrated Electronics	120	6
DT230 Diesel Performance & Diagnosis	120	6
UN295 Major Specific Capstone - Associate	24	3
Total Technical Hours	1224	63

<u>General Education & Related Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
CO179 Introduction to Human Communication	24	3
MH150 Technical Math	36	4
EN180 Composition I	48	5
PS274 The American Political Scene	24	3
PY177 Psychology	24	3
SC205 Earth Science	24	3
UN220 Introduction to Diversity Issues	24	3
MA234 Customer Relations Automated Management	48	3
EN200 Composition II	48	5
UN112 CoAT First-Year Experience	11	2
Total General Hours	311	34
TOTAL HOURS FOR GRADUATION	1535	97

*EN070 Basic English 48 3

*MH065 Review Math 48 3

*If the placement test is passed with a score of 70% or higher, course will not be required to graduate.

<u>Recommended Additional Courses</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
CDL101 Commercial Driver License I	120	6
CDL102 Commercial Driver License II	120	6