

East Arkansas Community College
Associate of Applied Science in General Technology
Diesel Technology Option

The Associate of Applied Science (AAS) in General Technology is designed to prepare students to prepare for jobs in the technical areas. The program consists of general education core courses, major technical discipline courses, and courses in support areas. Students choose an option in which to specialize. A minimum of 60 hours is required for the degree.

In addition to the AAS-General Technology Diesel Option, EACC offers the Technical Certificate and the Certificate of Proficiency in Diesel Technology. See the College catalog for more information or log on to www.eacc.edu.

I. General Education Courses	Credit Hours	Semester	Year	Grade
*BUS 1603 Computer Fundamentals	3			
*ENG 1013 English Composition I	3			
<i>Select one course from:</i>				
BUS 2013 Technical Communications -or-	3			
*ENG 1023 English Composition II	3			
MTH 1093 Mathematical Applications II	3			
Sociology -- <i>Select one course from:</i>				
*SOC 1013 Introduction to Sociology -or-	3			
*SOC 2043 Cultural Anthropology	3			
Total General Education Hours	15			
II. Diesel Technology Required Courses	Credit Hours	Semester	Year	Grade
DST 1004 Introduction to Diesel Engines	4			
DST 1014 Introduction to Fuel Systems	4			
DST 2004 Diesel Engine Diagnostics and Repair	4			
DST 2124 Advanced Diesel Engine Diagnostics and Repair	4			
ELE 1004 Electrical Technology I	4			
MCH 2043 Mechanical Devices	3			
MCH 2083 Hydraulics and Pneumatics	3			
RET 1024 Biofuels	4			
RET 1103 Fuels and Lubricants	3			
Total Diesel Technology Required Hours	33			
III. Diesel Technology Electives	Credit Hours	Semester	Year	Grade
Select twelve credit-hours to reach a total of 60 hours.				
ELE 2144 Programming Logic Controllers	4			
RET 2024 Process Instrumentation	4			
SFT 1063 Industrial Loss Prevention	3			
SFT 2073 Industrial Safety and OSHA	3			
Total Diesel Technology Elective Hours	12			
TOTAL DEGREE CREDIT HOURS	60			

*ACTS Transfer Course - The Arkansas Course Transfer System (ACTS) contains information about the transferability of courses within Arkansas public colleges and universities. Students are guaranteed the transfer of applicable credits and the equitable treatment of the application of credits for the admissions and degree requirements. ACTS-Arkansas Course Transfer System <http://acts.adhe.edu> -select Course Transfer. See Acceptance of Transfer Credits section on the current academic catalog for a complete list of transfer provisions.