

*University of Arkansas at Monticello College of Technology - McGehee*  
*Technical Certificate Program of Study*  
***Diesel Technology***

Diesel Technology Course Outline					
UAM College of Technology McGehee					
			Semester Credit Hours	Semester Taken	Grade
<b>Fall Semester</b>					
TRDR	10103	Servicing Road Tractors and Trailers*	3		
TRDR	10234	Tractor/Trailer Operation*	4		
TRDR	10333	Tractor/Trailer Operation Internship*	3		
DIEL	10503	Diesel Fundamentals	3		
BUSI	10291	Tech Keyboarding *	1		
DIEL	10304	Diesel Engines	4		
			<b>18</b>		

**\*Denotes optional EXIT point: Certificate of Proficiency – Tractor Trailer Operations**

Spring Semester					
DIEL	10602	Electrical/Electronic Systems	2		
DIEL	10402	Diesel Fuel Injection Systems	2		
DIEL	10703	Power Trains	3		
DIEL	10203	Brake Systems	3		
CPSI	11083	Computer Fundamentals	3		
MATH	12073	Technical Mathematics	3		
			<b>16</b>		

Summer					
DIEL	10102	Air Conditioning Systems	2		
COMM	12053	Technical Communications	3		
			<b>5</b>		

**EXIT: Technical Certificate – Diesel Technology** **39**

# ***Diesel Technology***

## **Student Learning Outcomes**

Upon successful completion of Diesel Technology program, a student should be able to:

- Successfully obtain the Commercial Driver’s License (CDL)
- Demonstrate skills and knowledge to diagnose and repair all major systems found in current diesel equipment; and
- Complete accurate work orders of diesel equipment repairs related to service history, diagnosis/analysis of problems and description of correct repairs

To be eligible for a Technical Certificate from the University of Arkansas at Monticello College of Technology-McGehee, a student should complete a Program of Study approved by his/her advisor upon entering the University. The Program of Study indicates the minimum semester hours of unduplicated credit at the technical certificate level. Specific certificate requirements are listed on this Program of Study.

The Program of Study is for informational purposes only; it is the responsibility of the student to meet all requirements to be eligible for a technical certificate at UAM College of Technology – McGehee. The University reserves the right to substitute courses.

NOTE: Some courses require pre-requisite and/or co-requisite classes. Some courses may be offered only during specific semesters. This Program of Study requires related courses to be completed during any semester/term of enrollment. Contact your advisor or Director of Instruction for specific information.

Students who score below the required minimal level on the entrance exam may be required to take additional credit hours as part of this University’s developmental education program. See current academic catalog for more information.

The technical certificate may serve as a terminal credential or as an intermediate credential for students who wish to pursue an associate or baccalaureate degree program. For more information about this certificate, contact the UAM College of Technology – McGehee’s Office of Student Services or call 870-222-5360. Students may also visit <https://www.uamont.edu/academics/mcgehee/degrees.html>

### **Specific Graduation Requirements**

In addition to completing all coursework, the University of Arkansas at Monticello College of Technology – McGehee, requires all students who are eligible for this technical certificate to meet the following criteria:

- Degree Audit
- At least 2.00 cumulative GPA

My signature below indicates that I (student) agree that it is my responsibility to meet all UAM requirements to be eligible for a technical certificate. This document serves only as a guide to help me fulfill specific program requirements. This University reserves the right to substitute other courses.

\_\_\_\_\_  
Student Printed Name

\_\_\_\_\_  
Student’s Date of Birth

\_\_\_\_\_  
Cell phone number

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Advisor Signature

\_\_\_\_\_  
Date