



2025 - 2026 Diesel and Heavy Equipment Technology

Associate in Applied Science Degrees

MULTIPLE LOCATIONS

VARIED SEMESTER LENGTHS

NUMEROUS PROGRAMS

FINANCIAL AID



Scan Code for program page online



ASHEVILLE, NORTH CAROLINA • (828) 398-7900 • ABTECH.EDU



Diesel and Heavy Equipment Technology

The Diesel and Heavy Equipment program prepares individuals to apply technical knowledge and skills to repair, service, and maintain diesel engines in vehicles such as Heavy Duty Trucks over one ton classification, buses, ships, railroad locomotives, and equipment; as well as stationary diesel engines in electrical generators and related equipment.

For More Information:

Contact David Walker by email at davidwwalker@abtech.edu or by phone at 828-398-7223

Total Cost Estimate

Tuition per Semester (NC Resident) \$1,216.00 (16+ credit hours)
\$76.00/credit hour (1-15 hours)

Computer Use and Technology Fee \$48/semester

Activity Fee Fall and Spring semesters only,
Main campus and Online, \$35.00

CAPS Fee (Campus Access, Parking and Security) \$20/semester

Matriculation Fee \$10/semester

Student Insurance \$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: <https://abtech.edu/program/diesel-and-heavy-equipment-technology-associate-degree-completion-associate-applied-science>

Have you applied for Financial aid? Please visit A-B Tech website for instructions: <https://abtech.edu/future-students/financial-aid/applying-aid>

Courses requiring a grade of "C" or better: ACA, HET, MEC, TRN and WBL

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	ACA 115	Success & Study Skills	1
	HET 110	Diesel Engines	6
	HET 125	Preventative Maintenance	2
	PHY 121	Applied Physics	4
	TRN 110	Intro to Transport Tech	2
	TRN 170	PC Skills for Transp	2
Second Semester (Spring)	ENG 110	Freshman Composition	3
	HET 115	Electronic Engines	3
	HET 119	Mechanical Transmissions	3
	TRN 120	Basic Transp Electricity	5
	TRN 120A	Basic Transp Electrical Lab	1
	WLD 112	Basic Welding Processes	2
Third Semester (Summer)	HET 231	Med/Hvy. Duty Brake Systems	2
	HET 233	Suspension and Steering	4
	HYD 112	Hydraulics-Med/Heavy Duty	2
	TRN 140	Transp Climate Control	2
Fourth Semester (Fall)	COM 120	Intro Interpersonal Communication	3
	HET 114AB	Power Trains	3
	HUM 110	Technology and Society	3
	WBL 112	Work Based Learning I	2
Fifth Semester (Spring)	HET 114BB	Power Trains	2
	PSY 150	General Psychology	3
	TRN 130	Intro to Sustainable Transp	3
	WBL 122	Work Based Learning I	2
Program Totals:			65

Certificate Available:

Diesel and Heavy Equipment Technology Certificate

For more information, please visit:

<https://abtech.edu/programs/academic/diesel-and-heavy-equipment-technology>