



2025 - 2026

# Automotive Systems Technology

Associate in Applied Science Degrees

MULTIPLE LOCATIONS

| VARIED SEMESTER LENGTHS

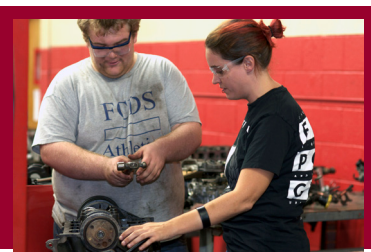
| NUMEROUS PROGRAMS

| FINANCIAL AID



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## Automotive Systems Technology

The Automotive Systems Technology program prepares individuals to apply technical knowledge and skills to repair, service, and maintain all types of automobiles. Includes instruction in brake systems, electrical systems, engine performance, engine repair, suspension and steering, automatic and manual transmissions and drive trains, and heating and air conditioning systems.

### For More Information:

Contact David Walker by email at [davidwwalker@abtech.edu](mailto: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/automotive-systems-technology-aas-associate-applied-science-cost-estimate>

**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, AUT, TRN, and WBL*

	Course Prefix	Course Name	Credit Hours
First Semester (Fall)	ACA 115	Success & Study Skills	1
	AUT 116	Engine Repair	3
	AUT 116A	Engine Repair Lab	1
	PHY 121	Applied Physics 1	4
	TRN 110	Intro to Transport Tech	2
	TRN 120	Basic Transp Electricity	5
	WBL 110	World of Work	1
Second Semester (Spring)	AUT 151	Brake Systems	3
	AUT 151A	Brake Systems Lab	1
	AUT 181	Engine Performance I	3
	AUT 281	Advanced Engine Performance	3
	ENG 110	Freshman Composition	3
	TRN 145	Adv Transp Electronics	3
Third Semester (Summer)	AUT 141	Suspension and Steering	3
	AUT 141A	Suspension and Steering Lab	1
	TRN 130	Intro to Sustainable Transp	3
	TRN 140	Transp Climate Control	2
	TRN 140A	Transp Climate Cont Lab	2
Fourth Semester (Fall)	AUT 231	Man Trans/Axles/Drrtrains	3
	AUT 231A	Man Trans/Ax/Drrtrains Lab	1
	COM 120	Intro Interpersonal Communication	3
	HUM 110	Technology and Society	3
	WBL 112	Work Based Learning I	2
Fifth Semester (Spring)	AUT 221	Auto Transm/Transaxles	3
	AUT 221A	Auto Transm/Transax Lab	1
	PSY 150	General Psychology	3
	WBL 122	Work Based Learning II	2
<b>Program Totals:</b>			<b>65</b>

### Diploma and Certificates Available:

**Automotive Systems Technology Diploma**

**Automotive Systems Technology - Certificate I**

**Automotive Systems Technology - Certificate II**

For more information, please visit:

<https://abtech.edu/programs/academic/automotive-systems-technology>