



NORTHEAST STATE

We're here to get you there

Division of Advanced Technologies

2425 Hwy. 75 • P.O. Box 246
Blountville, Tennessee 37617-0246
800.836.7822 (Admissions and Records)
Fax 423.323.0215
www.NortheastState.edu
2019-2020

Automotive Service

A Technical Certificate Program

PROGRAM DESCRIPTION

The Automotive Service certificate program prepares individuals as automotive technicians. Topics studied include automotive troubleshooting/maintenance and the repair of engines, drive trains, suspension systems, electrical/electronic systems, emission control systems, and heating/air conditioning systems.

PROGRAM ARTICULATION

All courses in the Automotive Service certificate program will articulate into the Associate of Applied Science degree program in Industrial Technology-Concentration: Automotive Service.

APPLICATION PROCEDURE

A student desiring to pursue a certificate in Automotive Service must:

1. Submit the Northeast State Application for Admission to the Office of Admissions and Records.
2. Indicate Automotive Service certificate as the desired major on the Northeast State application form.
3. See a faculty advisor from the Automotive Service program prior to registering for classes.

GAINFUL EMPLOYMENT DISCLOSURE

As required by the U.S. Department of Education
[https://apps.northeaststate.edu/
GainfulEmployment/](https://apps.northeaststate.edu/GainfulEmployment/)

TYPICAL PROGRAM OF STUDY

Course No.	Course Title	Credit
FALL		
AUTO 1120	Automotive Electrical	4
AUTO 2140	Engine Analysis	4
AUTO 2210	Alignment and Brakes	4
AUTO 2310	Power Trains	4
SPRING		
AUTO 1130	Advanced Engine Analysis	4
AUTO 2150	Computer Engine Controls	4
AUTO 2350	Body and Chassis Electronics	4
AUTO 2410	Management and Maintenance	3
Total Credit Hours		31

Students must complete all learning support deficiencies in reading or have appropriate entrance scores.

TYPICAL JOB OPPORTUNITIES

Service Technician: Services and maintains automobiles; may be assigned to a particular specialty such as transmissions, wheel alignment, pre-delivery service, brakes, or tune-up.

Service Writer: Meets customers, makes recommendations for parts/services, and organizes vehicle flow through the service center.

Assistant Service Manager: Consults with customers to resolve complaints and coordinates service center functions.

PROGRAM COMPETENCIES

The graduate is competent to:

1. Demonstrate appropriate computer skills applicable to the automotive service technician such as analyzing computer serial data to discover specific system problems.
2. Troubleshoot, assemble, and repair mechanical systems found in the automotive service industry.
3. Demonstrate, perform, and adhere to appropriate OSHA safety standards in the automotive industry including basic and intermediate rigging methods.

FOR FURTHER INFORMATION CONTACT:

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or

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Northeast State Community College is part of the Tennessee Board of Regents system, the nation's sixth largest higher education system, governing 46 post-secondary educational institutions. The TBR system includes six universities, 13 two-year colleges and 27 technology centers, providing programs in 90 of Tennessee's 95 counties to more than 200,000 students.

Northeast State Community College does not discriminate against students, employees or applicants for admission or employment on the basis of race, color, religion, creed, ethnic national origin, sex, sexual orientation, gender identity/expression, disability, age, status as a covered veteran, genetic information or any other legally protected class with respect to all employment, programs and activities. The following person has been designated to handle inquiries regarding the non-discrimination policies: Dr. Tim Harrison, Equity & Compliance Officer/Chief Advancement Officer, P.O. Box 246, Blountville, TN 37617-0246, 423.354.5296, complianceofficer@NortheastState.edu. Northeast State Community College's policy on nondiscrimination can be found at <http://cwis.northeaststate.edu/oie/policymanual/pol.asp?p=254>.

Northeast State is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award the associate degree. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Northeast State.