



**Articulation Agreement Between
Northeast State Community College
and
The Tennessee College of Applied Technology Elizabethton**

**For the Program Area
Heating, Ventilation, Air Conditioning, and Refrigeration Technology to an Associate of
Applied Science in Industrial Technology – Mechanical**

For the Period of Fall 2026 through Spring 2029

The Tennessee community colleges hereinafter referred to as the "CC(s)" and the Tennessee colleges of applied technology hereinafter referred to as the "TCAT(s)" have entered into a statewide partnership which promotes student transfer and program articulation. The partnership is for the purpose of providing eligible TCAT students the opportunity to receive college credit upon successful completion of a qualified program at a TCAT and/or by earning recognized industry certification(s) as identified in "APPENDIX A."

OVERVIEW

In accordance with the guidelines set forth by the Tennessee Board of Regents (TBR), the Tennessee Higher Education Commission (THEC), and the procedures established by the individual CCs, we hereby enter into this Agreement to provide the eligible TCAT students the opportunity to receive college credit upon successful completion of a qualified program at a TCAT and by earning recognized industry certification(s) or meeting other criteria as identified in "APPENDIX A."

The CCs determine awarded credits based upon the course completion(s), certification(s) earned, or other specified requirements.

1. TCATs will indicate on student transcripts the specific coursework completed and certifications taken and passed (if known).
2. When evaluating student transcripts, the CC will award credit based on criteria identified in "APPENDIX A."
3. In addition, CCs may award credit based upon evaluation of transcripts on a course-by-course basis.
4. Pre-requisite courses must be considered prior to accepting credit via this agreement.
5. Students must meet the standards and follow the procedures of the individual CC catalog for the year they enrolled in the articulated course/program or follow the current year CC catalog.
6. The awarding of any nontraditional credit (e.g. CLEP, AP credit-by-exam, military services, etc.) may be granted for coursework not identified in "APPENDIX A."
7. Upon an institution's request this agreement will be reviewed.
8. This agreement will remain in effect until modified or rescinded by the duly authorized signatories, or until the term of the agreement has expired.
9. The CCs and the TCATs shall:
 - a. Designate a responsible party to provide oversight of details and disseminate

- general program information to students.
 - b. Determine course(s) to award credit based upon recommendation of content faculty.
 - c. Agree to review every three years the certifications/courses and/or Student Learning Outcomes for which college credit will be awarded.
 - d. Establish a process to ensure effective coordination between the individual CC(s) and TCAT(s). The Statewide Articulation Committee shall serve as a resource for questions or concerns that may arise and will consist of representatives from both the CC(s) and the TCAT(s) that are faculty or curriculum coordinators for the discipline as appointed by the chief academic officer at the CC and the President at the TCAT.
10. The SACSCOC accredited institution agrees to accept specific course work from a non-SACSCOC accredited institution to be applied toward an award from a SACSCOC accredited institution. That course work may not be accepted by other colleges or universities in transfer, even if it appears on a student transcript. The decision to accept course work in transfer from any institution is made by the receiving institution, and the acceptance of credits or course work is based on the receiving institution's regulations and guidelines.
11. This agreement will commence the semester following the signing thereof.

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APPENDIX A

Awarding of College Credit to Heating, Ventilation, Air Conditioning, and Refrigeration Technology
 graduates of Tennessee Colleges of Technology into the Associate of Applied Science in
 Industrial Technology – Mechanical

Community College Course Title	Credit Hours	TCAT Course Title
INTC 1030 – Industrial Concepts	3	HVA 0001 – Worker Characteristics HVA 0002 – Worker Characteristics HVA 0003 – Worker Characteristics HVA 0004 – Worker Characteristics
ELEC 1010 – Introduction to Electricity	4	HAV 1060 – Electricity and Controls I HAV 2020 – Basic Automatic Controls HAV 2030 – Motors
MECH 2410 – Refrigeration and Air Conditioning I	4	HVA 1040 – Refrigeration Fundamentals HVA 1050 – Tool, Equipment, and Shop Practices HVA 2030 – Motors
MECH 2420 – Refrigeration and Air Conditioning II	4	HAV 1070 – Installation HVA 2010 – Introduction to System Service HVA 2040 – Domestic Appliances
MECH 2430 – Refrigeration and Air Conditioning III	3	HVA 3010 – Gas and Electric Heat HVA 3020 – Air Conditioning (Cooling) HVA 3030 – Heat Pumps
*Total credit hours available to earn	18	

*Students may earn credit hours based upon faculty approval

**Courses to be Complete at Northeast State Community College for A.A.S. in Industrial
 Technology - Mechanical**

Community College Course Title	Credit Hours
MATH 1050 – Trigonometric Applications	4
PHYS 1030 – Survey of Physics or PSCI 1010 – Principles of Physical Science	4
ENGL 1010 – English Composition I	3
COMM 2025 – Fundamentals of Communication or COMM 2045 – Public Speaking	3
Humanities Elective ¹	3
Behavioral/Social Science Elective ¹	3
ENST 1350 – Industrial Safety	3
INTC 1010 – Quality and Inspection	3
MECH 2310 – Hydraulics and Pneumatics I	4
MECH 2320 – Hydraulics and Pneumatics II	4
MECH 1210 – Mechanical Transmissions	4
MECH 2610 – Millwright Principles	4
Credit Hours to Complete	42

¹Course selected from approved general education course list ([Northeast State Community College General Education Course List](#)).

Designated for the Signature Page

IN WITNESS WHEREOF:

NORTHEAST STATE COMMUNITY COLLEGE:

Signed by:

Jeff McCord

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Jeff McCord, President

2026-08-12 | 7:50 AM PDT

Date

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY ELIZABETHTON:

Signed by:

Heath McMillian

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Heath McMillian, President

2026-08-12 | 9:24 AM CDT

Date

TENNESSEE BOARD OF REGENTS:

DocuSigned by:

Flora W. Tydings

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Flora W. Tydings, Chancellor

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2026-08-12 | 9:51 AM CDT

Date