



**Systemwide Articulation Agreement Between
Colleges in The College System of Tennessee
For the Period of Fall 2022 through Summer 2025**

**Articulation of CNC Machining Technology Delivered at the
Tennessee Colleges of Applied Technology to be Applied Toward
The A.A.S. in Mechanical Engineering Technology Delivered at Specified
Community Colleges in Tennessee**

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 This agreement will remain in effect until modified or rescinded by the duly authorized signatories, or until the term of the agreement has expired.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.
 12. This agreement will commence the semester following the signing thereof.

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APPENDIX A

Awarding of College Credit to CNC Machining Technology graduates of Tennessee
Colleges of Technology into the A.A.S. Mechanical Engineering Technology

Community College Course Title	Credit Hours	TCAT Course Title
ENST 1340-Machine Tool	3	CMT 1030 Related Mathematics CMT 1040 Basic Blueprint Reading CMT 1050 Shop Safety CMT 1060 Hand Tools CMT 1070 Measuring Tools CMT 1080 Drill Press & Sharpening Drill CMT 1090 Materials and Heat Treating CMT 1100 Layout CMT 1110 Prep for Machining Operators CMT 1120 How Use Haring Speed & Feed Calculation CMT 1130 Sawing Machines CMT 1140 Turning Machines CMT 1150 Tool Materials & Single Point Cut Tool CMT 1160 Manual Lathe Projects CMT 1170 Milling Cutters and Milling CMT 1180 Tramming Milling Head and Vise
ENST 2340-CNC I (Mill)	3	CMT 3010 Basic CNC Programming CMT 3040 Manual Lathe and Mill Projects CMT 4010 Geometric Dimension &Tolerance CMT 4020 Master Cam & CNC Comm CMT 4030 Master Cam Generated Programs for CNC Machining
ENST 2341-CNC II (Lathe)	3	CMT 3010 Basic CNC Programming CMT 3020 CNC Lathe Machine Functions CMT 3030 CNC Lathe Projects CMT 4010 Geometric Dimension &Tolerance CMT 4020 Master Cam & CNC Comm CMT 4030 Master Cam Generated Programs for CNC Machining
Total credit hours available to earn	9	

TENNESSEE COLLEGE OF APPLIED TECHNOLOGY PULASKI:

DocuSigned by:
Mike Whitehead 2022-07-29 | 4:46 PM CDT

President 150B440... Date

PELLISSIPPI STATE COMMUNITY COLLEGE:

DocuSigned by:
L. Anthony Wise, Jr. 2022-08-01 | 2:41 AM CDT

President 272E487... Date

SOUTHWEST TENNESSEE COMMUNITY COLLEGE:

DocuSigned by:
Tracy D. Hall 2022-07-31 | 3:57 PM CDT

President 5B9F428... Date

TENNESSEE BOARD OF REGENTS:

DocuSigned by:
Jonathan Blackwood 2022-08-01 | 9:15 AM CDT

Vice Chancellor, Academic Affairs 427E6662EB4A... Date

TENNESSEE BOARD OF REGENTS:

DocuSigned by:
John W. Tydings 2022-08-01 | 10:40 AM CDT

Chancellor 15B44CDEEAC7429... Date

DS
JK