

**Transfer from CNC Machining Technology (CMT)  
to the A.A.S. in Mechanical Engineering Technology**

TCAT Program:	CNC Machining Technology
Community College Program:	A.A.S in Mechanical Engineering Technology
Program Length:	60-63 semester credit hours
Articulation Process:	Community college faculty have assured that academic transfer credit is at the collegiate level and comparable to credit earned in the college's own programs ( <a href="#">TBR policy 2.00.01.06</a> ).
Number of Transfer Credits:	This statewide agreement allows a student to earn up to 9 course credits. Please see the below crosswalk/equivalency table.

Community College Course Title	Credit Hours	TCAT Course Titles
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 Trammig 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	