



**32-420-1 MACHINE TOOL TECHNICIAN (SUPERIOR)
2019-20 PROGRAM CURRICULUM CHECKLIST
WISCONSIN INDIANHEAD TECHNICAL COLLEGE (WITC)
SPRING 2020
SUPERIOR**



Name/ID _____

Date _____

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	MACHINE TOOL OPERATION 31-420-1 (Financial Aid Eligible)	MACHINE TOOL TECHNICIAN (Financial Aid Eligible) (Pending Advisory and WTCS Approval on Modifications)	DATE COMPLETED	TRANSFER OR GRADE
FIRST TERM (Spring)							
1st 8 weeks							
32-420-325	Machine Tool Operation 1	16 hours per week	4 credits	Machine Tool Operation	Machine Tool Technician		
2nd 8 weeks							
32-420-326	Machine Tool Operation 2 Corequisite: 32-420-325 Machine Tool Operation 1	16 hours per week	4 credits	Machine Tool Operation	Machine Tool Technician		
16 weeks							
32-420-329	Machine Tool Theory 1	4 hours per week	2 credits	Machine Tool Operation	Machine Tool Technician		
32-420-321	Print Reading for Machine Trades	2 hours per week	1 credits	Machine Tool Operation	Machine Tool Technician		
32-804-325	Applied Technical Math 1	5 hours per week	3 credits	Machine Tool Operation	Machine Tool Technician		
32-420-361	Introduction to CAD/CAM	2 hours per week	1 credits	Machine Tool Operation	Machine Tool Technician		
32-801-361	Applied Communications	3 hours per week	2 credits	Machine Tool Operation	Machine Tool Technician		
32-809-380	Applied Interpersonal Skills - This course is recommended for students who want to complete the Machine Tool Operation Program after the first year. Machine Tool Technician students will enroll in this course in fourth term.	3 hours per week	2 credits	Machine Tool Operation			
FIRST TERM TOTAL				19 Credits Machine Tool Operation	17 Credits Machine Tool Technician		
SECOND TERM (Summer)							
1st 5 weeks							
32-420-327	Machine Tool Operation 3 Prerequisite: 32-420-326 Machine Tool Operation 2	26 hours per week	4 credits	Machine Tool Operation	Machine Tool Technician		
2nd 5 weeks							
32-420-328	Machine Tool Operation 4 (WBL) Corequisite: 32-420-327 Machine Tool Operation 3	26 hours per week	4 credits	Machine Tool Operation	Machine Tool Technician		
10 weeks							
32-420-330	Machine Tool Theory 2 Prerequisite: 32-420-329 Machine Tool Theory 1	6 hours per week	2 credits	Machine Tool Operation	Machine Tool Technician		
32-420-365	CNC Fundamentals	6 hours per week	2 credits	Machine Tool Operation	Machine Tool Technician		
SECOND TERM TOTAL				12 Credits Machine Tool Operation	12 Credits Machine Tool Technician		

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better.

Revised 10/15/2018



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THIRD TERM (Fall)									
1st 8 weeks									
32-420-375	Job Shop Machining 1 Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL)	16	hours per week	4	credits		Machine Tool Technician		
2nd 8 weeks									
32-420-376	Job Shop Machining 2 Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL) and Corequisite: 32-420-375 Job Shop Machining 1	16	hours per week	4	credits		Machine Tool Technician		
16 weeks									
32-420-315	CNC Programming - Milling Prerequisite: 32-420-365 CNC Fundamentals or consent of instructor	4	hours per week	2	credits		Machine Tool Technician		
32-420-316	CNC Milling Operations Prerequisite: 32-420-365 CNC Fundamentals or consent of instructor	4	hours per week	2	credits		Machine Tool Technician		
32-420-320	CAD/CAM Applications Prerequisite: 32-420-361 Introduction to CAD/CAM or consent of instructor	4	hours per week	2	credits		Machine Tool Technician		
32-420-363	Production Fixturing and Quality	4	hours per week	2	credits		Machine Tool Technician		
	THIRD TERM TOTAL	32	hours per week	16	credits		16 Credits Machine Tool Technician		

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FOURTH TERM (Spring)									
1st 8 weeks									
32-420-318	Production Machining 1 Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL)	16	hours per week	4	credits		Machine Tool Technician		
2nd 8 weeks									
32-420-319	Production Machining 2 (WBL) Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL) and Corequisite: 32-420-318 Production Machining 1	16	hours per week	4	credits		Machine Tool Technician		
16 weeks									
32-420-312	CNC Programming - Turning Prerequisite: 32-420-365 CNC Fundamentals or consent of instructor	4	hours per week	2	credits		Machine Tool Technician		
32-420-313	CNC Turning Operations Prerequisite: 32-420-365 CNC Fundamentals or consent of instructor	4	hours per week	2	credits		Machine Tool Technician		
32-420-364	Multiaxis Programming and Operations	4	hours per week	2	credits		Machine Tool Technician		
32-809-380	Applied Interpersonal Skills	3	hours per week	2	credits		Machine Tool Technician		
	FOURTH TERM TOTAL	31	hours per week	16	credits		16 Credits Machine Tool Technician		
	PROGRAM REQUIREMENTS					31 Credits Machine Tool Operation	61 Credits Machine Tool Technician		

Please be advised that low enrollment class sections may be cancelled. You will be contacted by Student Services with information on other class sections available in alternate formats.

GRADUATION REQUIREMENTS: Although your academic advisor can provide guidance, you are ultimately responsible for selecting courses that meet a program's graduation requirements. A program plan GPA of 2.0 in a 4.0 grade system is required to graduate.

EARN CREDIT FOR WHAT YOU ALREADY KNOW: Visit <http://www.witc.edu/academics/transfer/priorlearn.htm> for more information