



**32-420-1 MACHINE TOOL TECHNICIAN (SUPERIOR)**  
**31-420-1 MACHINE TOOL OPERATION (ASHLAND)**  
**2018-19 PROGRAM CURRICULUM CHECKLIST**  
**WISCONSIN INDIANHEAD TECHNICAL COLLEGE (WITC)**  
**FALL START**



Name/ID \_\_\_\_\_

Date \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK		CREDITS		Machine Tool Operation (WITC-Ashland) Technical Diploma (Financial Aid Eligible)	Machine Tool Technician (WITC-Superior) Technical Diploma (Financial Aid Eligible)	DATE COMPLETED	TRANSFER OR GRADE
<b>FIRST TERM</b>									
<b>1st 8 weeks</b>									
32-420-325	Machine Tool Operation 1	16	hours per week	4	credits	Machine Tool Operation	Machine Tool Technician		
<b>2nd 8 weeks</b>									
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		
<b>16 weeks</b>									
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 Prerequisite: Established score on entrance assessment or Corequisite: 76-854-750 Math Foundations for Trades	5	hours per week	3	credits	Machine Tool Operation	Machine Tool Technician		
32-809-380	Applied Interpersonal Skills	3	hours per week	2	credits	Machine Tool Operation	Machine Tool Technician		
<b>FIRST TERM TOTAL</b>						16 Credits Machine Tool Operation	16 Credits Machine Tool Technician		



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	<b>SECOND TERM</b>								
	<b>1st 8 weeks</b>								
32-420-327	Machine Tool Operation 3 Prerequisite: 32-420-326 Machine Tool Operation 2	16	hours per week	4	credits	Machine Tool Operation	Machine Tool Technician		
	<b>2nd 8 weeks</b>								
32-420-328	Machine Tool Operation 4 (WBL) Corequisite: 32-420-327 Machine Tool Operation 3	16	hours per week	4	credits	Machine Tool Operation	Machine Tool Technician		
	<b>16 weeks</b>								
32-420-330	Machine Tool Theory 2 Prerequisite: 32-420-329 Machine Tool Theory 1	4	hours per week	2	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		
32-420-365	CNC Fundamentals	4	hours per week	2	credits	Machine Tool Operation	Machine Tool Technician		
32-801-361	Applied Communications Prerequisite: Established score on placement assessment or Corequisite: 76-851-750 Writing Foundations for Trades	3	hours per week	2	credits	Machine Tool Operation	Machine Tool Technician		
32-804-334	Applied Technical Math 2 Prerequisite: 32-804-325 Applied Technical Math 1	4	hours per week	2	credits	Machine Tool Operation	Machine Tool Technician		
	<b>SECOND TERM TOTAL</b>					17 Credits Machine Tool Operation	17 Credits Machine Tool Technician		



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<b>THIRD TERM</b>									
<b>1st 8 weeks</b>									
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		
<b>2nd 8 weeks</b>									
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		
<b>16 weeks</b>									
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		
32-420-353	Production Planning and Quality	4	hours per week	2	credits		Machine Tool Technician		
<b>THIRD TERM TOTAL</b>							<b>16 Credits</b>		
							Machine Tool Technician		

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

Revised 8/6/2018



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<b>FOURTH TERM</b>										
<b>1st 8 weeks</b>										
32-420-373	Production Machining 1 Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL)	20	hours per week	5	credits		Machine Tool Technician			
<b>2nd 8 weeks</b>										
32-420-374	Production Machining 2 (WBL) Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL) and Corequisite: 32-420-373 Production Machining 1	20	hours per week	5	credits		Machine Tool Technician			
<b>16 weeks</b>										
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			
32-420-360	Production Problems Prerequisite: 32-420-365 CNC Fundamentals	4	hours per week	2	credits		Machine Tool Technician			
<b>FOURTH TERM TOTAL</b>							16 Credits Machine Tool Technician			
<b>PROGRAM REQUIREMENTS</b>							<b>33 Credits</b> Machine Tool Operation	<b>65 Credits</b> 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