



**32-420-1 MACHINE TOOL TECHNICIAN; WITC-SUPERIOR  
 31-420-1 MACHINE TOOL OPERATION; WITC-ASHLAND  
 2017-18 PROGRAM CURRICULUM CHECKLIST  
 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
<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	3	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	
32-804-355	Math 355 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	
32-809-371	Applied Human Relations	3	hours per week	2	credits	Machine Tool Operation	Machine Tool Technician	
<b>SECOND TERM TOTAL</b>						16 Credits Machine Tool Operation	16 Credits Machine Tool Technician	
<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	3	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 1 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	
32-804-364	Math 364 Prerequisite: 32-804-355 Math 355	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	

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

Revised 5/14/2018

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<b>THIRD TERM</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	
32-420-375	Job Shop Machining 1 Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL)	8	hours per week	4	credits		Machine Tool Technician	
32-420-376	Job Shop Machining 2 Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL)	8	hours per week	4	credits		Machine Tool Technician	
	<b>THIRD TERM TOTAL</b>						16 Credits Machine Tool Technician	
<b>FOURTH TERM</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	
32-420-373	Production Machining 1 Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL)	10	hours per week	5	credits		Machine Tool Technician	
32-420-374	Production Machining 2 (WBL) Prerequisites: 32-420-330 Machine Tool Theory 2; 32-420-328 Machine Tool Operation 4 (WBL)	10	hours per week	5	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	



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*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