



WISCONSIN  
INDIANHEAD  
TECHNICAL  
COLLEGE

**31-444-1 MACHINE TOOL OPERATION - CNC  
2017-18 PROGRAM CURRICULUM CHECKLIST  
WITC-RICE LAKE**



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

Date \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	HRS/WK	CR	MANUFACTURING PRODUCTION TECHNICIAN TECHNICAL DIPLOMA (30-444-3)	CNC TECHNICIAN TECHNICAL DIPLOMA (30-444-2)	MACHINE TOOL OPERATION - CNC TECHNICAL DIPLOMA (31-444-1)	DATE COMPL	TRANSFER OR GRADE
<b>FIRST TERM</b>						Financial Aid Eligible		
<b>16 wks</b>								
32444300	CNC Turning – Basic Operation and Programming	4	2					
32444301	CNC Milling – Basic Operation and Programming	4	2					
32444302	Machining - Fundamentals and Drilling Processes	4	2					
32444303	Machining - Turning Processes	6	3					
32444304	Machining - Milling Processes	6	3					
32420361	Introduction to CAD/CAM	2	1					
32804355	Math 355 Prereq: Established score on placement assessment or Coreq: 76854750 Math Foundations for Trades	5	3					
32801361	Applied Communications 1 Prereq: Established score on placement assessment or Coreq: 76851750 Writing Foundations for Trades  <i>(CNC Technician Students ONLY, Machine Tool Operation-CNC students will complete in the second term.</i>	3	2					
<b>First 8 wks</b>								
31420322	Print Reading for Machine Trades 1	4	1					
<b>Second 8 wks</b>								
31420323	Print Reading for Machine Trades 2 Prereq: 31420322 Print Reading for Machine Trades 1	4	1					
<b>TERM TOTAL</b>				<b>11</b>	<b>20</b>	<b>18</b>		

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

Revised 3/10/2017



31-444-1 MACHINE TOOL OPERATION - CNC  
2017-18 PROGRAM CURRICULUM CHECKLIST  
WITC-RICE LAKE



CATALOG NUMBER	COURSE TITLE	HRS/WK	CR	MANUFACTURING PRODUCTION TECHNICIAN TECHNICAL DIPLOMA (30-444-3)	CNC TECHNICIAN TECHNICAL DIPLOMA (30-444-2)	MACHINE TOOL OPERATION - CNC TECHNICAL DIPLOMA (31-444-1)	DATE COMPL	TRANSFER OR GRADE
<b>SECOND TERM</b>								
32444305	Machining - Surface Grinding Processes	6	3					
32444306	CNC Milling – Advanced Operation and Programming Prereq: 32444301 CNC Milling - Basic Operation and Programming	8	4					
32444307	CNC Turning – Advanced Operation and Programming Prereq: 32444300 CNC Turning - Basic Operation and Programming	8	4					
32420320	CAD/CAM Applications Prereq: 32420361 Introduction to CAD/CAM or consent of instructor	4	2					
32801361	Applied Communications 1 Prereq: Established score on placement assessment or Coreq: 76851750 Writing Foundations for Trades	3	2					
32804364	Math 364 Prereq: 32804355 Math 355	4	2					
	<b>TERM TOTAL</b>	<b>33</b>	<b>17</b>			<b>17</b>		
	<b>PROGRAM REQUIREMENTS</b>		<b>35</b>	<b>11</b>	<b>20</b>	<b>35</b>		

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. If you do not take courses in the recommended sequence above, it may delay your completion of 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