

**32-420-5 MACHINE TOOLING TECHNICIS
2017-18 PROGRAM CURRICULUM CHECKLIST
WISCONSIN INDIANHEAD TECHNICAL COLLEGE
NEW RICHMOND**



Name/ID _____

Date _____

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK		CREDITS		ENTRY LEVEL MACHINING TECHNICAL DIPLOMA (31-420-6) (Financial Aid Eligible)	MULTI-AXIS CNC MACHINING TECHNICAL DIPLOMA (30-420-3)	MACHINE TOOLING TECHNICIS TECHNICAL DIPLOMA (Financial Aid Eligible)
FIRST TERM								
16 weeks								
32-420-306	Machine Shop Theory 1	3	hours per week	2	credits	Entry Level Machining		Machine Tooling Technics
32-804-355	Math 355 Prerequisite: Established score on placement assessment or Corequisite: 76-854-750 Math Foundations for Trades	5	hours per week	3	credits	Entry Level Machining		Machine Tooling Technics
32-890-305	Applied Information Resources	3	hours per week	2	credits	Entry Level Machining		Machine Tooling Technics
1st 8 weeks								
32-420-308	Applied Machine Tooling 1	16	hours per week	4	credits	Entry Level Machining		Machine Tooling Technics
32-420-321	Print Reading for Machine Trades	4	hours per week	1	credit	Entry Level Machining		Machine Tooling Technics
2nd 8 weeks								
32-420-309	Applied Machine Tooling 2 Corequisites: 32-420-308 Applied Machine Tooling 1 and 32-420-321 Print Reading for Machine Trades	16	hours per week	4	credits	Entry Level Machining		Machine Tooling Technics
32-420-338	CAD Basics Corequisite: 32-420-321 Print Reading for Machine Trades	4	hours per week	1	credit	Entry Level Machining		Machine Tooling Technics
FIRST TERM TOTAL						17 Credits Entry Level Machining		17 Credits Machine Tooling Technics
SECOND TERM								
16 weeks								
32-420-307	Machine Shop Theory 2 Prerequisite: 32-420-306 Machine Shop Theory 1	3	hours per week	2	credits	Entry Level Machining		Machine Tooling Technics
32-420-339	Mastercam Prerequisite: 32-420-338 CAD Basics	4	hours per week	2	credits	Entry Level Machining		Machine Tooling Technics
32-804-365	Math 365 Prerequisite: 32-804-355 Math 355	5	hours per week	3	credits	Entry Level Machining		Machine Tooling Technics
1st 8 weeks								
32-420-336	Applied Machine Tooling 3 Prerequisites: 32-420-306 Machine Shop Theory 1 and 32-420-309 Applied Machine Tooling 2	16	hours per week	4	credits	Entry Level Machining		Machine Tooling Technics
2nd 8 weeks								
32-420-337	Applied Machine Tooling 4 Corequisites: 32-420-307 Machine Shop Theory 2 and 32-420-336 Applied Machine Tooling 3	16	hours per week	4	credits	Entry Level Machining		Machine Tooling Technics
SECOND TERM TOTAL						15 Credits Entry Level Machining		15 Credits Machine Tooling Technics

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THIRD TERM								
16 weeks								
32-420-311	Materials for Machine Tooling Technics	2	hours per week	1	credit		Multi-Axis CNC Machining	Machine Tooling Technics
32-420-334	CAD/CAM Demo Prerequisites: 32-420-321 Print Reading for Machine Trades and 32-420-339 Mastercam	4	hours per week	2	credits		Multi-Axis CNC Machining	Machine Tooling Technics
32-420-357	Advanced Machining Concepts	2	hours per week	1	credit		Multi-Axis CNC Machining	Machine Tooling Technics
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		Multi-Axis CNC Machining	Machine Tooling Technics
1st 8 weeks								
32-420-370	Machine Tooling Technics 1 Prerequisite: 32-420-337 Applied Machine Tooling 4	16	hours per week	4	credits		Multi-Axis CNC Machining	Machine Tooling Technics
2nd 8 weeks								
32-420-371	Machine Tooling Technics 2 Corequisite: 32-420-370 Machine Tooling Technics 1	16	hours per week	4	credits		Multi-Axis CNC Machining	Machine Tooling Technics
THIRD TERM TOTAL							14 Credits Multi-Axis CNC Machining	14 Credits Machine Tooling Technics
FOURTH TERM								
32-420-372	Machine Tooling Technics 3 (WBL) Prerequisites: 32-420-321 Print Reading for Machine Trades, 32-420-371 Machine Tooling Technics 2, and Corequisite: 32-420-391 Toolmaking Theory	10	hours per week	5	credits			Machine Tooling Technics
32-420-391	Toolmaking Theory	3	hours per week	2	credits			Machine Tooling Technics
32-801-362	Advanced Communication Skills* Prerequisite: 32-801-361 Applied Communications	3	hours per week	2	credits			Machine Tooling Technics
32-809-380	Applied Interpersonal Skills*	3	hours per week	2	credits			Machine Tooling Technics
FOURTH TERM TOTAL								11 Credits Machine Tooling Technics
PROGRAM REQUIREMENTS						32 Credits Entry Level Machining	14 Credits Multi-Axis CNC Machining	57 Credits Machine Tooling Technics



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* General Studies course title changes have been made for the 2018-2019 academic year. The courses impacted by these title changes include: 32-801-361 Applied Communications 1 title has been modified to 32-801-361 Applied Communications, 32-801-363 Applied Communications 2 title has been modified to 32-801-362 Advanced Communication Skills, 32-809-371 Applied Human Relations title has been modified to 32-809-380 Applied Interpersonal Skills

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.



TAACCCT Grant Funding

The U.S. Department of Labor's Employment and Training Administration has funded 55% of this project equaling \$605,450. This is an equal opportunity employer/program which provides auxiliary aids and services upon request to individuals with disabilities by calling 711 or 800.243.9482 Voice/TTY. WITC is an Equal Opportunity/Access Employer and Educator

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

Revised 9/27/2018