



50-420-1 - INJECTION MOLD SET-UP (PLASTIC) APPRENTICE
 2023-24 PROGRAM CURRICULUM CHECKLIST
 NORTHWOOD TECHNICAL COLLEGE
 NEW RICHMOND

NAME/ID: _____

DATE: _____

CATALOG NUMBER	COURSE TITLE	TOTAL HOURS	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
	FIRST TERM					
50463713	Schematics for Apprentices	36	1			
50804504	Industrial Math I	36	1			
	FIRST TERM TOTAL		2			
	SECOND TERM					
50463714	Introduction to Injection Molding	72	2			
	SECOND TERM TOTAL		2			
	THIRD TERM					
50413701	Fundamentals of Electricity for Apprentices	36	1			
50664719	Automation for Injection Mold Setup Apprentices	36	1			
	THIRD TERM TOTAL		2			
	FOURTH TERM					
50463715	Injection Mold Design	72	2			
	FOURTH TERM TOTAL		2			

CURRICULUM CONTINUED ON NEXT PAGE



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CATALOG NUMBER	COURSE TITLE	TOTAL HOURS	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
	FIFTH TERM					
50419501	Hydraulics for Apprentices	36	1			
50419502	Pneumatics for Apprentices	36	1			
	FIFTH TERM TOTAL		2			
	SIXTH TERM					
50463716	Fundamentals of Plastics Processing	72	2			
	SIXTH TERM TOTAL		2			
	SEVENTH TERM					
50463717	Plastic Process Design & Troubleshooting	72	2			
	SEVENTH TERM TOTAL		2			
	EIGHTH TERM					
50664718	Automation for Apprentices	72	2			
	EIGHTH TERM TOTAL		2			
	PROGRAM TOTAL	576	16			

The 47455401 Transition to Trainer course (8 hours) is required for completion. Will be taken in the last year of the apprenticeship.

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.

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