



50-420-1 - INJECTION MOLD SET-UP (PLASTIC) APPRENTICE

2024-25 REQUIRED COURSES  
 NORTHWOOD TECHNICAL COLLEGE  
 NEW RICHMOND

NAME/ID: \_\_\_\_\_

DATE: \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	TOTAL HOURS	CREDITS	NOTES	DATE COMPLETED	TRANSFER OR GRADE
	<b>FIRST TERM</b>					
50463713	Schematics for Apprentices	36	1			
50804504	Industrial Math I	36	1			
	<b>FIRST TERM TOTAL</b>		2			
	<b>SECOND TERM</b>					
50463714	Introduction to Injection Molding	72	2			
	<b>SECOND TERM TOTAL</b>		2			
	<b>THIRD TERM</b>					
50413701	Fundamentals of Electricity for Apprentices	36	1			
50664719	Automation for Injection Mold Setup Apprentices	36	1			
	<b>THIRD TERM TOTAL</b>		2			
	<b>FOURTH TERM</b>					
50463715	Injection Mold Design	72	2			
	<b>FOURTH TERM TOTAL</b>		2			
	<b>FIFTH TERM</b>					
50419501	Hydraulics for Apprentices	36	1			
50419502	Pneumatics for Apprentices	36	1			
	<b>FIFTH TERM TOTAL</b>		2			
	<b>SIXTH TERM</b>					
50463716	Fundamentals of Plastics Processing	72	2			
	<b>SIXTH TERM TOTAL</b>		2			
	<b>SEVENTH TERM</b>					
50463717	Plastic Process Design & Troubleshooting	72	2			
	<b>SEVENTH TERM TOTAL</b>		2			
	<b>EIGHTH TERM</b>					
50664718	Automation for Apprentices	72	2			
	<b>EIGHTH TERM TOTAL</b>		2			
	<b>HOURS TOTAL</b>	576				
	<b>TOTAL CREDITS</b>		16			

The 47455455 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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