

**MORAINE PARK TECHNICAL COLLEGE
PORTFOLIO WORKSHEET/VERIFICATION CHECKLIST
2005-2006**

Program Name: Computer Aided Manufacturing Technician
Program Number: 10-628-4
Required DML: Portfolio Artifacts

Student Name:
MPTC Six-Digit Student ID #:
Semester of Program Acceptance:

* * * At least one artifact is required for each learning outcome * * *

Directions: In columns A and B, student enters dates when items are completed or checks Column C if transcript is used for advanced standing credits. Verifier initials column D when portfolio is verified for graduation requirement. Submit a signed copy (see last page) of this form with a copy of your portfolio for verification. Note: Keep original portfolio; submit a copy.

Your Student Portfolio will be evaluated by educators and advisory committee members and becomes the property of Moraine Park Technical College.

Contact Course Instructor If No Artifact Is Listed In This Column	A	B	C	D
Suggested Work Sample from Performance Asmt	Work Sample Linked to Outcome	Reflection Statement	Transcript Used	Verified

Program Learning Outcomes				
Complete the process of setting up, operating, and program CNC equipment.	Set-up Instructions CNC Mill Project CNC Lathe Project			
<i>628-122 Computer Numerical Control 1</i>				
<i>628-132 Computer Numerical Control 2</i>				
<i>628-142 Computer Aided Manufacturing</i>				
Complete the process of setting up, operating, and program robotic equipment.	Robotic Cell Layout			
<i>628-133 Robotics and Automated Material Handling</i>				
Justify equipment purchasing.	Written Report			
<i>628-133 Robotics and Automated Material Handling</i>				
Use computer aided drafting software.	Portfolio of Drawings			
<i>623-129 Computer Aided Drafting 1</i>				
<i>628-131 Advanced CAD - Pro Engineering</i>				
Use computer aided machining software.	Portfolio of Drawings Toolpath, Program			
<i>628-142 Computer Aided Manufacturing</i>				
Use various manufacturing processes.	Mill Project Lathe Project			
<i>623-162 Manufacturing Processes 1</i>				
<i>623-163 Manufacturing Processes 2</i>				
Verify part attributes.	Worksheets CMM Report			
<i>628-132 Computer Numerical Control 2</i>				
<i>628-142 Computer Aided Manufacturing</i>				
<i>623-162 Manufacturing Processes 1</i>				

Continued

		ARTIFACT			
		A	B	C	D
		Work Sample Linked to Outcome	Reflection Statement	Transcript Used	Verified
		Suggested Work Sample from Performance Asmt			
		Contact Course Instructor If No Artifact Is Listed In This Column			
General Education Learning Outcomes					
Apply organizational and stylistic strategies to fit subject, audience, and purpose in communication					
801-195 Written Communication AND					
801-196 Oral / Interpersonal Communication					
Evaluate content, organization, supporting materials, credibility, and style of communication for decision-making.					
801-196 Oral / Interpersonal Communication					
Perform mathematical calculations.					
804-175 Technical Math 1 AND					
804-176 Technical Math 2 AND					
804-177 Technical Math 3 AND					
804-178 Technical Math 4					
806-155 Technical Physics					
Determine mathematical concepts needed to solve an application.					
804-175 Technical Math 1 AND					
804-176 Technical Math 2 AND					
804-177 Technical Math 3 AND					
804-178 Technical Math 4					
806-155 Technical Physics					
Apply technical principles of physics in scientific and industrial settings.					
806-155 Technical Physics					
Examine the complexities of society from a sociological perspective.					
809-196 Introduction to Sociology					
Apply the foundational elements of economic reasoning to personal and business decision-making.					
809-195 Economics					
Apply psychological principles to personal and professional relationships.					
809-199 Psychology of Human Relations					
Core Abilities					
890-125 Student Success AND		Core Ability Inventory			
890-130 Career Development		Core Ability Inventory and Self-assessment Reflection			
		AND Reflection essay "How I've Changed: Then and Now"			

LEARNER:

I understand that this portfolio will be evaluated by educators and advisory committees and becomes the property of Moraine Park Technical College.

The contents of this portfolio
_____ **MAY** **MAY NOT** _____
be displayed to other students and the general public.

Signature of Learner

Date

VERIFIER:

After verification is complete, forward portfolio to the Outcome Assessment Office.

Signature of Verifier

Date

