

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

Program Name: Engineering Technologist
Program Number: 10-623-8
Required DML: Portfolio/Course Artifacts

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

* * * An Artifact and Reflection Statement Is Required For All Courses * * *

ORGANIZE YOUR PORTFOLIO BY COURSE

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.

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

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

Program Learning Outcomes				
623-161 Intro to Manufacturing & Quality <i>Recommend lean manufacturing techniques within an organization</i>	Final Project			
623-162 Manuf. Processes - Metal Cutting <i>Use various manufacturing processes</i>	Any/All Projects			
623-129 Computer Aided Drafting - 2D <i>Use computer-aided drafting and manufacturing software</i>	Final Project			
623-163 Manuf. Processes - Forming & Joining <i>Use various manufacturing processes</i>	Any/All Projects			
623-190 Metrology and Quality Systems <i>Operate gauging and measuring equipment</i>	Final Project			
628-122 Basic CNC Programming & Operation <i>Program automated machines</i>	Final Project			
623-151 Lean Manufacturing <i>Recommend lean manufacturing techniques within an organization</i>	Any/All Projects			
623-192 Advanced Metrology Programming <i>Operate gauging and measuring equipment</i>	Final Project			
628-110 Integrated Manufacturing <i>Solve manufacturing-related problems AND Make a product in an automated work cell</i>	Final Project IMC Project			

		ARTIFACT			
		A	B	C	D
		Work Sample Linked to Outcome	Reflection Statement	Transcript Used	Verified
Program Learning Outcomes (continued)		Suggested Work Sample from Performance Asmt			
		Contact Course Instructor If No Artifact Is Listed In This Column			
628-111 Integrated Manufacturing-Product					
<i>Solve manufacturing-related problems AND</i>		Final Project			
<i>Make a product in an automated work cell</i>		IMC Project			
628-131 Advanced CAD - Pro Engineer					
<i>Use computer-aided drafting and manufacturing software</i>		Final Project			
Students are required to take three of the following six courses					
628-132 Advanced CNC Programming & Operation		Final Project			
<i>Program automated machines</i>					
623-157 Advanced Quality Engineering		IMC Project			
<i>Plan a quality assurance system</i>					
628-133 Robot & Automated Mat Handling		Final Project			
<i>Set up robotic equipment</i>					
623-166 Basic Supply Chain Mngmnt/Six Sig		Final Project			
<i>Formulate supply chain policies for an organization</i>					
628-142 Computer Aided Manufacturing OR		Final Project			
<i>Use computer-aided drafting and manufacturing software</i>					
623-167 ISO 9000/2000 and Auditing					
<i>Plan a quality assurance system</i>					

Continued

		ARTIFACT			
		A	B	C	D
		Work Sample Linked to Outcome	Reflection Statement	Transcript Used	Verified
		Suggested Work Sample from Performance Asmt			
General Education Learning (continued)		Contact Course Instructor If No Artifact Is Listed In This Column			
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.					
804-176 Technical Math 2 AND					
804-177 Technical Math 3 AND					
804-178 Technical Math 4 AND					
806-155 Technical Physics					
Determine mathematical concepts needed to solve an application.					
804-176 Technical Math 2 AND					
804-177 Technical Math 3 AND					
804-178 Technical Math 4 AND					
806-155 Technical Physics					
Apply the foundational elements of economic reasoning to personal and business decision-making.					
809-195 Economics					
OR					
Examine the complexities of society from a sociological perspective.					
809-196 Introduction to Sociology					
Determine the impact of psychological and social factors have in shaping human behavior.					
809-198 Introduction to Psychology					
OR					
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