

**MORAINE PARK TECHNICAL COLLEGE
PORTFOLIO WORKSHEET/VERIFICATION CHECKLIST
2009-2010**

Program Name: Tool Design Engineering Technology
Program Number: 10-617-1
Required Exit Assessment: Chalk and Wire ePortfolio

Student Name:
MPTC 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	Reflection Statement	Work Sample Linked to Outcome	Transcript Used	Verified

Program Learning Outcomes				
Design jigs and fixtures.				
<i>617-114 CAD, 3D SolidWorks</i>				
<i>617-115 Jig and Fixture Design</i>	Plate Milling Fixture Design			
<i>617-110 Computer Aided Design / Drafting - AutoCAD</i>				
<i>623-196 Geometric Dimensioning - Tolerancing</i>				
<i>804-113 Technical Math 1A</i>				
<i>804-114 Technical Math 1B</i>				
Design mold dies.				
<i>617-135 Two and Three Plate Mold Design</i>	Core & Cavity Project			
<i>617-136 Side Action and Hot Runner Mold Design</i>	Slide Mold Design			
<i>617-130 Mold Making Processes</i>	Core & Cavity Splits			
<i>617-114 CAD, 3D SolidWorks</i>				
<i>804-113 Technical Math 1A</i>				
<i>804-114 Technical Math 1B</i>				
<i>623-196 Geometric Dimensioning - Tolerancing</i>				

Program Learning Outcomes (continued)	Contact Course Instructor If No Artifact Is Listed In This Column Suggested Work Sample from Performance Asmt	A Work Sample Linked to Outcome	B Reflection Statement	C Transcript Used	D Verified
Design stamping dies.					
617-125 Blanking and Compound Die Design	Progressive Bending &				
617-126 Progressive Bend and Draw Die Design	Side Cam Die Design				
617-120 Die Making Processes					
617-114 CAD, 3D SolidWorks					
804-113 Technical Math 1A					
804-114 Technical Math 1B					
623-196 Geometric Dimensioning - Tolerancing					
Develop detailed working drawings.					
617-125 Blanking and Compound Die Design	Detail Tool Component				
617-126 Progressive Bend and Draw Die Design	from any Design Course				
617-120 Die Making Processes					
617-115 Jig and Fixture Design					
617-135 Two and Three Plate Mold Design					
617-136 Side Action and Hot Runner Mold Design.					
617-130 Mold Making Processes					
Analyze part drawings.					
617-134 Principles of Design	Exercise 6-1 Revision				
623-162 Manufacturing Processes	Change Assignment				
617-125 Blanking and Compound Die Design					
617-126 Progressive Bend and Draw Die Design					
617-120 Die Making Processes					
623-196 Geometric Dimensioning - Tolerancing					
617-115 Jig and Fixture Design					
617-135 Two and Three Plate Mold Design					
617-136 Side Action and Hot Runner Mold Design.					
Develop 3D working models of tool assemblies.					
617-115 Jig and Fixture Design	3D Assembly Model				
617-125 Blanking and Compound Die Design	from any Design Course				
617-126 Progressive Bend and Draw Die Design					
617-135 Two and Three Plate Mold Design					
617-136 Side Action and Hot Runner Mold Design.					

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.

VERIFIER:

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

Signature of Learner

Date

Signature of Verifier

Date