

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

Program Name: Mechanical Design Technology
Program Number: 10-606-1
Required DML: Capstone Experience, 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

Construct three dimensional, computer-aided design (CAD) solid models, and two-dimensional CAD drawings.

<i>606-170 CAD, NX (Unigraphics), Basic</i>	Product Design Project				
<i>606-176 AutoCAD - Mechanical</i>					

Design mechanical parts for manufacturability.

<i>606-125 Product Design</i>	Product Design Project				
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Implement a mechanical design project of a machine or product.

<i>606-125 Product Design</i>	Product Design Project				
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Prepare detail and assembly, engineering drawings for the manufacturing industry.

<i>606-103 Design Drafting 2</i>	Product Design Project				
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General Education Learning Outcomes

Apply organizational and stylistic strategies to fit subject, audience, and purpose in communication

<i>801-195 Written Communication AND</i>					
<i>801-196 Oral / Interpersonal Communication</i>					

Evaluate content, organization, supporting materials, credibility, and style of communication for decision-making.

<i>801-196 Oral / Interpersonal Communication</i>					
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Perform mathematical calculations.

<i>804-175 Technical Math 1 AND</i>					
<i>804-176 Technical Math 2 AND</i>					
<i>804-177 Technical Math 3</i>					

Continued

		ARTIFACT			
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
General Education Learning Outcomes (continued)					
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					
Apply the foundational elements of economic reasoning to personal and business decision-making.					
809-195 Economics					
Examine the complexities of society from a sociological perspective.					
809-196 Introduction to Sociology					
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.

<p>The contents of this portfolio _____ MAY _____ MAY NOT _____ be displayed to other students and the general public.</p>
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VERIFIER:

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

Signature of Learner **Date**

Signature of Verifier **Date**