

Program Name: Electricity
Program Number: 31-413-1
Required DML: Portfolio Artifacts

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

*** At Least One Artifact Is Required For Each Learner Outcome Listed Below ***

Directions: In columns A and B, enter dates when items are completed. Check Column C if transcript is used. Electronic format is recommended for portfolio development. Note: Keep original portfolio. Submit copy only.

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

	ARTIFACT		
	A	B	C
	Work Sample Linked to Outcome	Self Assessment/ Reflection Statement	Transcript Used
EXIT LEARNING OUTCOMES			
Program Learner Outcomes			
Analyze electrical circuits mathematically. <i>413-350 Electrical Concepts - Beginning</i>	Written Exam		
Demonstrate use of test instruments. <i>413-350 Electrical Concepts - Beginning</i>	Hands on Demonstration		
Evaluate electrical circuits using meters. <i>413-350 Electrical Concepts - Beginning</i>	Hands on Demonstration		
Explain construction safety practices. <i>413-363 OSHA Safety Construction Trades</i>	Written Exam		
Install electrical equipment in a commercial setting. <i>413-355 Residential / Commercial Wiring Concepts</i>	Hands on Exam		
Install electrical equipment in an industrial setting. <i>413-380 Industrial Wiring Concepts</i>	Hands on Exam		
Install electrical equipment in a residential setting. <i>413-355 Residential / Commercial Wiring Concepts.</i>	Hands on Exam		
Program a PLC. <i>413-365 Motor Controls - Basic</i>	Hands on Exam		
Use blueprints to evaluate construction work. <i>413-370 Construction Trades Blueprint Reading</i>	Written Exam		
Wire a PLC. <i>413-365 Motor Controls - Basic</i>	Hands on Exam		
General Education Learner Outcomes			
Determine mathematical concepts needed to solve an application. <i>804-360 Occupational Math 1</i> <i>804-363 Occupational Math 4</i>			
Perform mathematical calculations. <i>804-360 Occupational Math 1</i> <i>804-363 Occupational Math 4</i>			
Apply organizational and stylistic strategies to fit subject, audience, and purpose in communication. <i>801-310 Occupational Communication</i>			

		ARTIFACT		
		A	B	C
		Work Sample Linked to Outcome	Self Assessment/ Reflection	Transcript Used
Core Abilities		Suggested Work Sample from Performance Asmt		
Complete a Core Abilities self-assessment reflection.				
<i>890-125 Student Success</i>				
Complete reflection essays on Core Abilities and Occupational Skills development.				
<i>890-130 Career Development</i>				
Work Cooperatively				
<i>Complete assigned tasks for team/group work.</i>				
<i>Use collaborative strategies to complete tasks.</i>				
<i>Exchange information, ideas, and opinions in a team/group setting.</i>				
<i>Show evidence of respect for diversity.</i>				
Act Responsibly				
<i>Complete assigned tasks according to prescribed deadlines.</i>				
<i>Complete assigned tasks according to prescribed criteria.</i>				
<i>Adhere to established attendance criteria.</i>				
Value Self Positively				
<i>Adapt hygiene and appearance to requirements of work and educational environment.</i>				
<i>Identify personal strengths and areas for improvement.</i>				
<i>Exchange information, ideas, and opinions in a team/group setting.</i>				
<i>Show evidence of respect for diversity.</i>				
Think Critically and Creatively				
<i>Distinguish between fact and opinion.</i>				
<i>Synthesize information from a variety of sources.</i>				
<i>Use problem-solving and decision-making strategies.</i>				
<i>Apply global perspective to decisions and actions.</i>				
Communicate Clearly				
<i>Use bias-free language.</i>				
<i>Use language that is free of obscenities.</i>				
<i>Apply listening skills.</i>				
<i>Apply standard rules of language structure including grammar, spelling, and punctuation.</i>				
Work Productively				
<i>Complete assigned tasks according to established conditions.</i>				
<i>Evaluate work using established criteria.</i>				
Learn Effectively				
<i>Use resources to meet learning needs.</i>				
<i>Organize information.</i>				
<i>Produce evidence of learning.</i>				