

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

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

Directions: Your completed Assessment Portfolio is a requirement for graduation. Use this Worksheet as you gather artifacts for the required Direct Measures of Learning (DML) in your program. Use columns A and B to enter dates or titles of work that show evidence of your skills and abilities. In column C; use the following key to document the type(s) of evidence you will use to demonstrate growth and/or progress: 1 = Artifact from other coursework, 2 = Integrated in reflection, 3 = Draft or first effort at required DML, 4 = Other (specify). **Note:** These criteria will be used to verify your portfolio at the time of graduation.

	A	B	C
Contact Course Instructor If No Artifact Is Listed In This Column. SUGGESTED ARTIFACT*	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/Progress
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		

***Choose only 1 or 2 artifacts per Learner Outcome to include in Assessment Portfolio.**

General Education Learner Outcomes			
Apply organizational and stylistic strategies to fit subject, audience, and purpose in communication. <i>801-310 Occupational Communication</i>			
Determine mathematical concepts needed to solve an application. <i>804-360 Occupational Math 1</i> <i>804-363 Occupational Math 4</i>			

General Education Learner Outcomes (cont.)	Suggested Artifact	Artifact Linked to Outcome	Reflection Statement	Evidence of Growth/Progress
Perform mathematical calculations.				
<i>804-360 Occupational Math 1</i>				
<i>804-363 Occupational Math 4</i>				
Elective OR Other Courses (course number and title)				
Core Abilities Indicate ___ Inventory and/or ___ Integrated in Reflections				
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>				