

Program Name: Water Quality Technician
Program Number: 10-527-2
Required DML: Portfolio Artifacts **AND/OR** Internships

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.

	Contact Course Instructor If No Artifact Is Listed In This Column	ARTIFACT		
		A	B	C
	Suggested Work Sample from Performance Asmt	Work Sample Linked to Outcome	Self Assessment/ Reflection Statement	Transcript Used
EXIT LEARNING OUTCOMES				
Program Learner Outcomes				
Modify an operational procedure at a water treatment facility.	Comprehensive			
<i>527-131 Water Supply 2 (OR)</i>	Project			
<i>527-171 Water Quality Internship</i>				
Modify an operational procedure at a waste treatment facility.	Comprehensive			
<i>527-103 Treatment Process 1 (OR)</i>	Project			
<i>527-171 Water Quality Internship</i>				
Modify a maintenance program for a water treatment facility.	Comprehensive			
<i>527-131 Water Supply 2 (AND)</i>	Project			
<i>527-135 Process Equipment Maintenance</i>				
Modify a maintenance program for a waste treatment facility.	Comprehensive			
<i>527-100 Introduction to Treatment Processes (OR)</i>	Project			
<i>527-135 Process Equipment Maintenance</i>				
Determine flow in a hydraulic design.	Comprehensive			
<i>527-120 Hydraulics of Water/Wastewater</i>	Project			
Design an industrial waste treatment strategy.	Comprehensive			
<i>527-125 Industrial Wastes</i>	Project			
General Education Learner 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 OR 801-197 Technical Reporting</i>				
OR <i>801-198 Speech</i>				
Evaluate content, organization, supporting materials, credibility, and style of communication for decision-making.				
<i>801-196 Oral/Interpersonal Communication OR 801-197 Technical Reporting</i>				
OR <i>801-198 Speech</i>				
Perform mathematical calculations.				
<i>804-174 Survey of Mathematics</i>				
Determine mathematical concepts needed to solve an application.				
<i>804-174 Survey of Mathematics</i>				

		ARTIFACT		
		A	B	C
		Work Sample Linked to Outcome	Self Assessment/ Reflection Statement	Transcript Used
General Education Learner Outcomes		Suggested Work Sample from Performance Asmt		
Apply the foundational elements of economic reasoning to personal and business decision-making.	Contact Course Instructor If No Artifact Is Listed In This Column			
<i>809-195 Economics</i>				
Examine the complexities of society from a sociological perspective.				
<i>809-196 Introduction to Sociology</i>				
Determine the impact of psychological and social factors have in shaping human behavior.				
<i>809-198 Introduction to Psychology</i>				
Apply psychological principles to personal and professional relationships.				
<i>809-199 Psychology of Human Relations</i>				
Core Abilities				
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>				