



**Province of Manitoba/Recreation Manitoba**  
**Refrigeration Operator for Recreation Facilities - Level 1**  
**April 24- April 28, 2023**

**AGENDA**

*Times are subject to change to meet student's needs*

**Day 1 - Monday April 24, 2023**

8:00am - 8:30am	Welcome & Introductions, Course Overview
8:30am - 12:00pm	Acts & Regulations Chapter 1 & 2
	Break
	Acts & Regulations Chapter 1 & 2
	Intro to Basic Mechanics Chapter 5
12:00pm - 12:30pm	Lunch
12:30pm - 4:30pm	Thermodynamics Chapter 3 & 4
	Break
	Thermodynamics Chapter 3 & 4

**Day 2 - Tuesday April 25, 2023**

8:00am - 9:00am	Test Writing Tips / <b>Progress Test 1</b>
9:00am - 12:00pm	Refrigeration Cycle Chapter 21
	Break
	Components & Equipment Chapter 23
	Review of progress test 1
12:00pm - 12:30pm	Lunch
12:30pm - 4:30pm	Components & Equipment Chapter 24, 25
	Pumps Chapter 8
	Break
	Components & Equipment Chapter 26, 27, 28

**Day 3 - Wednesday April 26, 2023**

8:00am - 8:30am	<b>Progress Test 2</b>
9:00am - 12:00pm	Refrigerants Chapter 19, 20
	Break
	Review of typical system installations
	Review of progress test 2
12:00pm - 12:30pm	Lunch
12:30pm - 4:30pm	Pre-starts Chapter 29
	Break

# Refrigeration Operator for Recreation Facilities - Level 1 Agenda

System Operations Chapter 30

## **Day 4 - Thursday April 27, 2023**

8:00am - 8:30am	<b>Progress Test 3</b>
9:00am - 12:00pm	Energy Conservation Welding Methods & Terms Chapter 6 & 7 Break Intro to Electricity Chapter 18 Review of progress test 3
12:00pm - 12:30pm	Lunch
12:30pm - 4:30pm	Pump Maintenance Chapter 9 Pipe & Fittings Chapter 10 Intro to Valves Chapter 11 Break Care and Use of a Regulator CEPA E2 Regulation Plant tour (when available)

## **Day 5 - Friday April 28, 2023**

8:00am - 8:30am	<b>Progress Test 4</b>
9:00am - 12:00pm	Trouble-shooting Break Course Review Review of progress test 4
12:00pm - 12:30pm	Lunch
12:30pm - 2:30pm	<b>Level 1 Final Exam</b>

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<b>Test Values</b>	<b>% of final mark</b>
<b>Test #1 ( /30)</b>	<b>10%</b>
<b>Test #2 ( /30)</b>	<b>10%</b>
<b>Test #3 ( /30)</b>	<b>15%</b>
<b>Test #4 ( /30)</b>	<b>15%</b>
<b>Final Exam ( /100)</b>	<b>50%</b>