



# Province of Manitoba/Recreation Connections Manitoba Refrigeration Operator for Recreation Facilities – Level 1

## AGENDA

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

### Day 1 – Monday

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

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

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 System Operations Chapter 30

### Day 4 – Thursday

8:00am – 8:30am	<b>Progress Test 3</b>
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# Refrigeration Operator for Recreation Facilities – Level 1 Agenda

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**

8:00am – 8:30am	<b><i>Progress Test 4</i></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><i>Level 1 Final Exam</i></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>