

EQUIPMENT BY PROGRAM

The following is a list of the major equipment used in the program:

1 Oxyacetylene torch	2 Ford's RV Charging Wrenches
3 RV Absorption Refrigerators Complete	1 Ford's RV Leak Check Manifold
3 RV Absorption Refrigerator Cooling Units	1 MIG Welder
1 Ford's RV Charging Board Model # SSCB-1113	1 Air Compressor

**RV ABSORPTION REFRIGERATOR RECONDITIONING  
Certificate Programs (R101 through R104)  
40.00-120.00 Credits, 40-120 Hours**

**OBJECTIVES**

This program is designed to provide graduates with the skills required to properly diagnose and repair absorption refrigerators. The program covers in practice and theory the requirements for diagnosing, repairing and installing RV absorption refrigerators, cooling units, testing, and urethane installation as well as an understanding of RV absorption refrigerator parts and accessories. Graduates should be able to provide service and repair of RV absorption refrigerators as part of an existing or standalone business.

**CERTIFICATION PROGRAM OUTLINE**

Course #	Course	Total Hours	Lab Hours	Theory Hours	Credits
R101	RV Absorption Refrigerator Reconditioning	40	28	12	40
(Optional) R102	RV Absorption Refrigerator Controls	8	8	0	0
	<b>Totals:</b>	<b>48</b>	<b>36</b>	<b>12</b>	<b>40</b>

**LEVEL 2 CERTIFICATION PROGRAM OUTLINE**

Course #	Course	Total Hours	Lab Hours	Theory Hours	Credits
R103	RV Absorption Refrigerator Reconditioning	80	60	20	80
	<b>Totals:</b>	<b>80</b>	<b>60</b>	<b>20</b>	<b>80</b>

## MASTER CERTIFICATION PROGRAM OUTLINE

<b>Course #</b>	<b>Course</b>	<b>Total Hours</b>	<b>Lab Hours</b>	<b>Theory Hours</b>	<b>Credits</b>
R104	RV Absorption Refrigerator Reconditioning	120	90	30	120
	<b>Totals:</b>	<b>120</b>	<b>90</b>	<b>30</b>	<b>120</b>

## COURSE DESCRIPTIONS

### RV Absorption Refrigerator Reconditioning Courses

#### **R101 RV Absorption Refrigerator Reconditioning**

This course will provide a complete overview of the absorption refrigerator reconditioning process based upon The Ford Procedures. Shop and safety operations, tools, troubleshooting fundamentals, and fundamentals of controls used in RV absorption refrigerators, the theory of operation, repair, testing procedures, and recharging of cooling units will be covered in this course. Consists of a written and practical exam.

#### **R102 RV Absorption Refrigerator Controls**

This course will provide a basic knowledge of the controls used in RV absorption refrigerators that goes beyond the required knowledge obtained in R101 RV Absorption Refrigerator Reconditioning. Theory, troubleshooting, resetting, repair and replacement of controls used in RV absorption refrigerators will be covered in this course. Please note that this course does not provide credit hours toward graduation and is not required but is made available for the further benefit of students in this program.

#### **R103 RV Absorption Refrigerator Reconditioning – Controls & Components– Customer Interaction**

This course will provide everything from the R101 and the R102 along with customer interaction, and a more in-depth study of refrigerator controls and components, basic LP and 12-volt service and continued practice on comprehensive diagnostics and repair of the RV refrigerator cooling unit based on the Ford Procedures. The student will observe and participate in the interaction with customers, manufacturers, distributors, etc. The student will perform diagnostics and repairs in the shop and in the field. This course consists of classroom and practical with a written and practical exam.

#### **R104 Advanced RV Absorption Refrigerator Reconditioning – Controls & Components– Customer Interaction**

This revision will provide everything found in the R101, R102, and R103. The student will receive continued training on the objectives from weeks 1 and 2 with the addition of solo interaction with the customer, manufacturers, parts distributors, etc. The student will complete the RV refrigerator and cooling unit repairs based on the Ford Procedures while being observed by the instructor. The student will also receive instruction on bookkeeping, computer graphics for advertising, and marketing during classroom training. This course consists of classroom and practical with a written and practical exam.

## **R105 RV Owner Information Session**

This course will provide a basic knowledge of the RV absorption refrigerators. The objective of this session is to educate the RV owner on the operation of the cooling unit as well as the most common areas that are worked and any other areas of concern for the RV owner with regards to the refrigerator. This session has a minimum time requirement of 2-hours.

### **Program Start and End Dates July 1, 2019 - June 30, 2020**

#### RV Absorption Refrigerator Reconditioning

<b>Start Date</b>	<b>End R101</b>	<b>End R102</b>	<b>End R103</b>	<b>End R104</b>
July 8, 2019	July 12, 2019	July 15, 2019	July 19, 2019	July 26, 2019
August 5, 2019	August 9, 2019	August 12, 2019	August 16, 2019	August 23, 2019
September 2019	No Classes	No Classes	No Classes	No Classes
October 7, 2019	October 11, 2019	October 14, 2019	October 18, 2019	October 25, 2019
November 4, 2019	November 8, 2019	November 11, 2019	N/A	N/A
December 2019	No Classes	No Classes	N/A	N/A
January 2020	No Classes	No Classes	N/A	N/A
February 3, 2020	February 7, 2020	February 10, 2020	N/A	N/A
March 2, 2020	March 6, 2020	March 9, 2020	N/A	N/A
April 6, 2020	April 10, 2020	April 13, 2020	N/A	N/A
May 4, 2020	May 8, 2020	May 11, 2020	May 15, 2020	May 22, 2020
June 1, 2020	June 5, 2020	June 8, 2020	June 12, 2020	June 19, 2020

### **School Holidays**

(Note: School office may be closed and no training courses will be conducted on the following dates)

Fourth of July  
Thanksgiving  
Christmas  
New Years  
Martin Luther King Day  
Presidents Day  
Memorial Day

## Program Schedule of Fees

### Course R101

Ford Procedures Manual	\$ 29.95
Application Fee (non-refundable)	\$ 120.00
Tuition	\$3,800.00
Average Joe's RV Refrigerator Troubleshooting & Repair	\$ 19.95
FRVR-CTK1- Customized Tool Kit	\$5,883.00
(Consists of 1-SS-1113 Charging Board, 1-SSCW-116 Charging Wrench 1-SSLCW-116 Leak Check Wrench, 2-Hydrometers, 1- Formula Chart, 1-Stainless Steel Charge/Discharge Hose, 6-Norcold valves with stems 1- Training Packet of Industry Information, 1 lb. - Sodium Dichromate, 1 oz.- Phenolphthalein, 1-150 lb. safety pop-off valve, 20 ft. foil backing, 1 36" Cut- Stainless Steel Saw	
<b>Total</b>	<b>\$9,992.90</b>
Other (Optional <b><u>R102 Course Fee</u></b> )	\$ 680.00
<b>Total with R102 Course</b>	<b>\$10,672.90</b>

**NOTE: Application fee and a deposit of \$200.00 (non-refundable) required to secure a training date.**

### Course R103

Ford Procedures Manual	\$
	29.95
Application Fee (non-refundable)	\$
	120.00
Tuition	\$ 7,600.00
Average Joe's RV Refrigerator Troubleshooting & Repair	\$ 19.95
FRVR-CTK1- Customized Tool Kit	\$ 5,883.00
(Consists of 1-SS-1113 Charging Board, 1-SSCW-116 Charging Wrench 1-SSLCW-116 Leak Check Wrench, 2-Hydrometers, 1- Formula Chart, 1-Stainless Steel Charge/Discharge Hose, 6-Norcold valves with stems 1- Training Packet of Industry Information, 1 lb. - Sodium Dichromate, 1 oz.- Phenolphthalein, 1-150 lb. safety pop-off valve, 20 ft. foil backing, 1 36" Cut- Stainless Steel Saw	
<b>Total</b>	<b>\$13,792.90</b>

**NOTE: Application fee and a deposit of \$400.00 (non-refundable) required to secure a training date.**

## **Course R104**

Ford Procedures Manual	\$ 29.95
Application Fee (non-refundable)	\$ 120.00
Tuition	\$11,400.00
Average Joe's RV Refrigerator Troubleshooting & Repair	\$ 19.95
FRVR-CTK1- Customized Tool Kit	\$ 5,883.00
(Consists of 1-SS-1113 Charging Board, 1-SSCW-116 Charging Wrench 1-SSLCW-116 Leak Check Wrench, 2-Hydrometers, 1- Formula Chart, 1-Stainless Steel Charge/Discharge Hose, 6-Norcold valves with stems 1- Training Packet of Industry Information, 1 lb. - Sodium Dichromate, 1 oz.- Phenolphthalein, 1-150 lb. safety pop-off valve, 20 ft. foil backing, 1 36" Cut- Stainless Steel Saw	
<b>Total</b>	<b>\$17,592.90</b>

**NOTE: Application fee and a deposit of \$600.00 (non-refundable) required to secure a training date.**

**Note: Application fee and deposits are handled differently for Veterans using the 911 Chapter 33 GI Bill.**

## **Course R105**

Ford Procedures Manual (Optional)	\$ 29.95
Average Joe's RV Refrigerator Troubleshooting & Repair (Optional)	\$ 19.95
Hourly rate (2-hour minimum)	\$ 95.00/hr

## **DIRECTORY OF SCHOOL PERSONNEL**

Co-Owner / Director / Lead Instructor  
Co-Owner / Administrator / Instructor

Roger D. Ford  
Onna Lee Ford