

# Appliance Maintenance Technology



For additional information contact:  
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**AC/C TECH**  
 4415 Forest Manor Ave  
 Indianapolis, IN 46226-3080

Check our website for course schedules  
**[www.acctech.us](http://www.acctech.us)**

## Program Design

The Appliance Repair program, which is 100% web-based, is designed to help students develop advanced technical skills and competencies related to the installation, repair, and maintenance of major appliances. Students will learn details about servicing appliances, but with an emphasis on making repairs in a safe, efficient, and productive manner. Students will develop skills in recognizing and testing the components, interpreting the schematic wiring diagram and tracing the sequence of operation, interpreting fault codes, adjusting the appliance for optimum efficiency, and performing annual maintenance. In addition, students will learn terminology, energy saving tips, technological advancements, tools and test instruments used in the trade, plus more.

This program consists of 5 courses and graduates will be awarded a Technical Certificate in Appliance Repair Technology.

Course	Date	Day	Time	Location
1. APP101 - Range Maintenance	TBD - Check Website	On-Demand	On-Demand	Online
2. APP102 - Refrigerator Maintenance	TBD - Check Website	On-Demand	On-Demand	Online
3. APP103 - Dishwasher Maintenance	TBD - Check Website	On-Demand	On-Demand	Online
4. APP104 - Washer Maintenance	TBD - Check Website	On-Demand	On-Demand	Online
5. APP105 - Dryer Maintenance	TBD - Check Website	On-Demand	On-Demand	Online

Cost: \$250/course or \$1,250.00 to attend the entire program

**This institution is authorized by:**

The Indiana Commission for Higher Education/  
 The Indiana Board for Proprietary Education  
 101 West Ohio Street, Suite 670  
 Indianapolis, IN 46204-1984  
 (317)464-4400 Ext.138 or (317)464-4400 Ext.141

# AC/C TECH

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# Course Descriptions - Appliance Maintenance Technology

## APP101 - Range Maintenance

This course develops specific skills in servicing gas and electric ranges. Students will learn how to interpret the schematic wiring diagram; how to repair the surface heating components; how to repair the bake and broil components; and how to repair the clock, timer and/or lights. Most importantly, the students will learn to make these repairs in a safe, efficient, and productive manner.

## APP102 - Refrigerator Maintenance

This course develops skills in servicing refrigerators. Students will learn to how to interpret the schematic wiring diagram; trace the sequence of operation; test every component; diagnose the compressor; check for refrigerant leaks; recharge the system; and make all repairs in a safe, efficient, and productive manner.

## APP103 - Dishwasher Maintenance

This course develops skills in servicing convertible and built-in dishwashers. The students will learn to interpret the electrical diagram and trace the sequence of operation; specifically, the wash cycle, the rinse cycle, and the dry cycle. The students will also learn how to improve poor dish-washing results, improve poor drying results, and reduce noisy operations. Moreover, they will learn how to repair water leaks and how to make all repairs in a safe, efficient, and productive manner.

## APP104 - Washer Maintenance

This course develops skills in servicing automatic washing machines. The students will learn how to interpret the electrical diagram and trace the sequence of operation. Also, how to diagnose and repair the timer, the water system, the agitator and motor, the pump, suspension system, plus more. Students will gain exposure to safety information, tools, and testing equipment.

## APP105 - Dryer Maintenance

This course develops skills in servicing automatic dryers. The students will learn how to interpret the electrical diagram and trace the sequence of operation. They will learn how to diagnose and repair the controls, dryer timer, heating elements, thermostats, drum drive, motor and air flow, cabinet construction, and more.

Tuition and Fees	
<b>Tuition</b> 5 Courses @ \$250 Each	\$1,250.00
<b>Required Books</b> Step-By-Step Repair Manuals by GE/Hotpoint (5 Books @ \$9.95 each = \$49.75) Range ISBN 0-931690-95-1, Refrigerator & Freezer ISBN 0-931690-96-X, Dishwasher ISBN 0-931690-98-6, Washer ISBN 0-931690-94-3, Dryer ISBN 0-931690-97-8.  Appliance Repair Study Course by Whirlpool (5 Manuals @ \$25.00 each = \$125.00) Range #4314429, Refrigerator #4314336, Dishwasher #4314205, Washer #4314170, Dryer #4314168.	\$49.75  \$125.00
<b>Required General Tools</b> Plastic Tool Box with Lock, 25 Ft. Tape Measure, 16 oz Hammer, Utility (Box) Knife, 15" Utility Bar, Phillips & Standard Screw Driver Set, 6 in 1 Screw Driver, 12" Adjustable Wrench, 12" Channel Locks, 10" Slip Joint Pliers, 10" Vise Grips, Torpedo Level, 8@ Needle Nose Pliers, 8@ Lineman Pliers, Wire Strippers, Wire Rippers & Gauge, GFI Receptacle Tester, 6" Drywall Taping Knife, and Hand Sander or Sanding block.	\$218.43
<b>Required Specialty Tools</b> VOM Meter, Large Cooking Thermometer, [2] Pocket Thermometers Range -10°F to 205°F, Manifold Pressure Gauge Set, Valve Core Removal, Inspection Mirror, Halogen Leak Detector and Soap Bubbles, Micron Gauge, Hose-Clamp Pliers, Socket Wrench Set, Torx Drivers, Soldering Gun, and Solder.	\$453.19
<b>Required Safety Equipment</b> Cloth Gloves, Eye Protection and Dust Masks	\$10.52
<b>Uniforms – Recommended</b>	\$160.00
<b>Total Cost</b> .....	<b>\$2,266.89</b>