

## Course Outline for REFR2220 — HVAC Troubleshooting

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Credits: 3 (1/2/0)

Description: This course is designed to build student confidence in troubleshooting heating, ventilating, air conditioning systems and motor control circuits. While in the course, the student will learn troubleshooting techniques using simulators, computer-generated simulators and actual air conditioning equipment.

Prerequisites: REFR1108

Corequisites: (None)

Competencies:

1. Troubleshoot Simugas natural and LP gas furnace gas flow problem.
2. Troubleshoot Honeywell electronic air cleaner problem.
3. Troubleshoot Lennox central air high and low voltage problems.
4. Troubleshoot gas furnace gas flow problem.
5. Troubleshoot gas furnace high and low voltage problems.
6. Troubleshoot Simugas furnace high and low voltage problems.
7. Troubleshoot Omnidata A/C problems.
8. Troubleshoot Omnidata heat pump problems.
9. Troubleshoot Simuair problems.
10. Troubleshoot Simupump problems.

Goal Areas: (None)