REFR1112 - Refrigeration, Air Conditioning and Heating Lab

Credits:	3 (0/3/0)
Description:	This course covers the operation and service procedures of domestic refrigeration and an introduction to residential heating and air conditioning and commercial refrigeration equipment.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	• REFR1110
Competencies:	1. Demonstrate good and safe shop practices. 2. Troubleshoot air conditioner electrical problems with Simutech and Omnidata trainers. 3. Demonstrate parts cross-referencing and purchasing techniques. 4. Operate bench refrigeration trainer pump-down system and expansion valve. 5. Demonstrate operation of electrical systems of refrigeration bench trainer. 6. Troubleshoot refrigeration system component faults and repair. 7. Troubleshoot domestic appliance refrigeration and electrical faults. 8. Demonstrate wiring of split system air conditioning. 9. Demonstrate installation methods of appliances.
MnTC goal areas:	None

**Can be taking as a Prerequisite or Corequisite.*

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