REFR1110 - Refrigeration, Air Conditioning and Heating Principles

Credits:	3 (3/0/0)
Description:	This course covers refrigeration theory of domestic refrigeration and introduction theory to commercial refrigeration and residential heating and air conditioning equipment including controls and accessories.
Prerequisites:	• HVAC1128
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Operate refrigeration/air conditioning simulators. 2. Recognize condensing methods. 3. Recognize defrost methods. 4. Recognize refrigeration evaporation methods. 5. Recognize refrigerant metering methods. 6. Recognize motor start and protection devices. 7. Explain refrigerant system accessories. 8. Explain refrigeration oil properties. 9. Explain electrical temperature control methods. 10. Recognize compression methods.
MnTC goal areas:	None

Can be taking as a Prerequisite or Corequisite.

© 2026 Minnesota State Community and Technical College.
We reserve the right to periodically update information without notice.
The information in this publication should not be regarded as contractual in nature.