HVAC1128 - Heating, Ventilating, and Air Conditioning Design and Installation

Credits:	5 (2/3/0)
Description:	This course includes an overview of various heating controls and appliances. Topics will include blueprints as applied to estimating heating and cooling loads; gas piping as installed in residential and light commercial jobs; safe heating, ventilating and air conditioning practices; various venting codes and requirements; and the sizing of furnaces, duct work and piping.
Prerequisites:	
Corequisites:	
Pre/Corequisites*:	
Competencies:	1. Demonstrate on the job safety. 2. Install sheet metal fittings. 3. Interpret blue prints. 4. Calculate heating, ventilating, and air conditioning building losses. 5. Calculate equipment size. 6. Calculate job costs. 7. Demonstrate tool use.
MnTC goal areas:	None

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

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