

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

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| 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: | <ol style="list-style-type: none">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.