# HVR165 : HVAC SYSTEM PERFORMANCE

This course provides the student with the basic principles for the design and installation of HVACR equipment and how these practices assure proper system performance. The principles and theory of airflow requirements, indoor air quality, duct design, load calculation, and sheet metal fabrication are covered in this course. Manual “J” will be introduced. At the completion of this course the student will be prepared to develop a basic load calculation resulting in a properly sized system, recognize good installation practices and analyze system performance.

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| **Credits** | **4** |
| **Clock Hours** | **60** |
| **Lab Hours** | **40** |
| **Lecture Hours** | **20** |
| **Prerequisites** | **HVR105** |