

HEATING, VENTILATION & AIR CONDITIONING (HVAC)



Why Reese Center HVAC?

- Program combines HVAC theory with hands-on practical applications
- Instructor has over 20 years experience working as HVAC Licensed Contractor, Technician, Business Manager, and Trainer
- Industry certification opportunities: HVAC Level I



ARCHITECTURE AND CONSTRUCTION PROGRAM

HVAC and Sheet Metal Pathway

#	Course	Credit	Grade	Location
1	Principles of Construction <i>Prerequisite: Concurrent enrollment in Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I</i>	1.0	11-12	Reese Center*
2	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I <i>Prerequisite: Concurrent enrollment in Principles of Construction</i>	1.0	11-12	Reese Center*
3	Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology II (Advanced CTE Course) <i>Prerequisite: Principles of Construction and Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology I</i>	2.0	12	Reese Center*

* Student must apply, be accepted, and commit to HVAC program in order to take courses at Reese Center.

In **Principles of Construction**, students learn the fundamentals of the construction and skilled craft industry. Through theory and hands-on experience, students gain knowledge of construction safety, construction mathematics, and the practical application of hand and power tools. This course also develops a student's interpretation and understanding of construction drawings.



In **Heating, Ventilation, and Air Conditioning and Refrigeration Technology I**, students gain knowledge and skills needed to enter the industry as technicians, prepare for a postsecondary degree, or pursue an approved apprenticeship program. Students acquire skills in safety, principles of HVAC theory, use of tools, and refrigeration equipment.



In **Heating, Ventilation, and Air Conditioning and Refrigeration Technology II**, students gain advanced knowledge and skills needed to enter the industry as technicians or supervisors. Students acquire knowledge and skills in safety, electrical theory, use of tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques various duct systems, and maintenance practices.



It is the policy of this school district not to discriminate on the basis of gender, race, handicap, color, or national origin in its educational and vocational programs, activities, or employment as required by title IX, Section 504, and title VI.