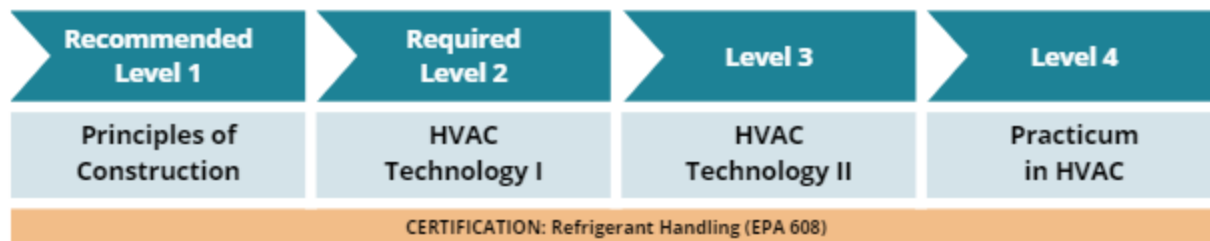


HVAC & Refrigeration Technology Pathway



BUSINESS & INDUSTRY ENDORSEMENT



PRINCIPLES OF CONSTRUCTION

KISD #: 961618 PEIMS: 13004220
 Grades: 9-10 1.0 Credit
 Prerequisite: None

Students will develop a solid foundation for entering the construction or craft skilled areas. The course provides a strong knowledge of construction safety, construction mathematics, and common hand and power tools.

Note: Offered at Klein Cain High School

HVAC & REFRIGERATION TECHNOLOGY I

KISD #: 962118 PEIMS: 13005800
 Grades: 10-11 1.0 Credits
 Prerequisite: None

Students will gain knowledge and skills needed to enter the workforce as technicians in the HVAC and refrigeration industry or building maintenance industry. Students will acquire knowledge and skills in safety, principles of HVAC theory, use of tools, codes, and installation of HVAC and refrigeration equipment.

Required Fee/Materials: Yes

Note: Offered at Klein Cain High School

HVAC & REFRIGERATION TECHNOLOGY II

KISD #: 962318 PEIMS: 13005900
 Grades: 11-12 2.0 Credits
 Prerequisite: HVAC & Refrigeration Technology I

Students will gain advanced knowledge and skills needed to enter the workforce as technicians in the HVAC and refrigeration industry or building maintenance industry. Students will acquire knowledge and skills in safety, electrical theory, use of tools, codes, installation and troubleshooting of commercial equipment, duct systems and maintenance practices.

Required Fee/Materials: Yes

Advanced Grade Points: Yes

Hybrid: Yes

Industry Certification: EPA 608

Note: Offered at Klein Cain High School

PRACTICUM IN HVAC & REFRIGERATION TECHNOLOGY

KISD #: 962518 PEIMS: 13005250
 Grades: 12 2.0 Credits
 Prerequisite: HVAC & Refrigeration Technology II

Students will participate in a course designed to provide job-specific skills through laboratory training, job shadowing, or work situations in areas compatible with identified career goals in HVAC & Refrigeration Technology. Students will be challenged with the application of gained knowledge and skills from HVAC & Refrigeration Technology I and II.

Required Fee/Materials: Yes

Advanced Grade Points: Yes

Hybrid: Yes

Note: Offered at Klein Cain High School