



HIGH SCHOOL/ INDUSTRY CERTIFICATION	CERTIFICATE/ LICENSE*	ASSOCIATE'S DEGREE	BACHELOR'S DEGREE	MASTER'S/ DOCTORAL PROFESSIONAL DEGREE

OCCUPATIONS	MEDIAN WAGE	ANNUAL OPENINGS	% GROWTH

WORK BASED LEARNING AND EXPANDED LEARNING OPPORTUNITIES



# COURSE INFORMATION

COURSE NAME	COURSE NUMBER AND CREDITS	PREREQUISITES (PREQ) COREQUISITES (CREQ)	GRADE
Principles of Construction	8410 (1 credit)	None	9-10
HVAC I Dual Credit	8426-6 (1 credit)	Principles of Construction	10-11
HVAC II Dual Credit	8427-6 (2 credits)	HVAC I	11-12
HVAC III Dual Credit	8428-6 (3 credits)	HVAC II	12

## COURSE DESCRIPTIONS

### Principles of Construction:

This course helps build foundation skills in construction. Jobsite safety, construction math, hand tools and power tools training coupled with communication and employability skills provide an excellent opportunity and insight into the career paths of the construction industry.

### HVAC I Dual Credit:

College Credit: CETT 1302

Students gain knowledge and skills specific to those needed to enter the industry as technicians in the HVAC and refrigeration industry or building maintenance technician or supervisor or prepare for a postsecondary degree. Students acquire knowledge and skills in safety, principles of HVAC theory, tools, codes, and installation of HVAC and refrigeration equipment.

### HVAC II Dual Credit:

College Credits: HART 1407 & MAIR 1449

Students gain advanced knowledge and skills specific to those needed to enter the industry as HVAC and refrigeration technicians or building maintenance technicians or supervisors or prepare for a postsecondary degree. Students acquire knowledge and skills in safety, electrical theory, tools, codes, installation of commercial HVAC equipment, heat pumps, troubleshooting techniques, various duct systems, and maintenance practices.

### HVAC III Dual Credit:

College Credits: HART 1403, 1441 , & 2438

This is an occupationally specific course designed to provide classroom technical instruction or on-the-job training experiences. Safety and career opportunities are included in addition to work ethics and job-related study in the classroom.

**Courses in yellow are advanced courses for endorsement purposes.**

