

ASSOCIATE DEGREE IN APPLIED SCIENCE

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION TECHNOLOGY

Length: 72 Weeks

Students in this program will prepare for entry-level positions in the heating, ventilation, air conditioning and refrigeration industry by acquiring both the technical and management skills currently applicable to the industry. They will also take a core of general education courses to augment their technical education.

MISSION STATEMENT: The HVAC/R Department's mission is to present the student with the knowledge, technical, and personal skills needed to obtain productive employment in the HVAC/R field, as the first stepping stone of a successful career.

<u>Technical Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
HV101 Service & Procedures I	120	6
HV102 Service & Procedures II	120	6
HV103 Refrigeration Systems & Controls	120	6
HV104 Electrical & Electronics	120	6
HV201 Air Conditioning Systems and Controls	120	6
HV202 Heating Systems & Controls	120	6
HV203 Heating Systems II & Heat Pumps	120	6
HV204 Special Topics & Applications of Refrigeration and Temperature Controls	120	6
Total Technical Hours	960	48

<u>Related Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
AM128 Customer Relations Automated Management	48	3
DP152 Applications of Word and Excel	36	3
Total Related Hours	84	6

<u>General Education Requirements</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
CO179 Introduction to Human Communication	24	3
PS274 The American Political Scene	24	3
EN180 Composition I	48	5
SC112 Physical Science	48	5
EN200 Composition II	48	5
MH170 Technical Math	48	5
PY177 Psychology	24	3
UN220 Introduction to Diversity Issues	24	3
UN100 First Year Experience	12	1
UN292 Portfolio Capstone	12	1
Total General Hours	312	34
TOTAL HOURS FOR GRADUATION	1356	88

*EN070 Basic English

48

3

*MH065 Review Math

48

3

*If the placement test is passed with a score of 70% or higher, course will not be required to graduate.

<u>Recommended Optional Courses</u>	<u>Instructional Hours</u>	<u>Credit Hours</u>
CDL101 Commercial Driver License I	120	6
CDL102 Commercial Driver License II	120	6