

# HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION

AAS.HART  
2013 – 2014

## Associate of Applied Science

### TEXAS SOUTHMOST COLLEGE

#### Health Care, Career and Technical Education Division

*The mission of the Heating, Ventilation and Air Conditioning Technology program is to prepare students for successful entry in the air conditioning, heating, and refrigeration industry. Students develop skills, knowledge and successful workplace attitudes in installation, service/repair, and maintenance of typical equipment and systems. The HVAC Technology program provides students with classroom and laboratory experiences using the most current technology to perform assigned work and projects.*

<b>FIRST YEAR – FALL SEMESTER</b>	<b>CREDIT HOURS</b>
<a href="#">ENGL 1301</a> Composition I†.....	3
<a href="#">MATH 1314</a> College Algebra †.....	3
Humanities/Fine Arts Elective.....	3
Social and Behavior Sciences Elective.....	3
<a href="#">SPCH 1315</a> Public Speaking.....	3
<a href="#">SPCH 1318</a> OR Interpersonal Communication	
<b>FIRST YEAR – SPRING SEMESTER</b>	
<a href="#">HART 1301</a> Basic Electricity for HVAC.....	3
<a href="#">HART 1307</a> Refrigeration Principles.....	3
<a href="#">HART 1303</a> Air Conditioning Control Principles.....	3
<a href="#">MAIR 1349</a> Refrigerator, Freezers, Window Air Condition.....	3
<a href="#">HART 1341</a> Residential Air Conditioning.....	3
<b>SECOND YEAR – FALL SEMESTER</b>	
<a href="#">HART 1345</a> Gas and Electric Heating.....	3
<a href="#">HART 2345</a> Residential Air Conditioning System Design.....	3
<a href="#">HART 2338</a> Air Conditioning Installation and Startup.....	3
<a href="#">HART 2349</a> Heat Pumps.....	3
<a href="#">HART 2301</a> Air Conditioning and Refrigeration Codes.....	3
<b>SECOND YEAR – SPRING SEMESTER</b>	
<a href="#">HART 1356</a> EPA Recovery Certification Preparation.....	3
<a href="#">HART 2388</a> Internship-Heating, Air Conditioning, Refrigeration Mechanic and Repair.....	3
<a href="#">HART 2336</a> Air Conditioning Troubleshooting .....	3
<a href="#">HART 1391</a> Special Topics in Heating, Air Conditioning, and Refrigeration.....	3
<a href="#">HART 1394</a> Special Topics in Heating, Air Conditioning, and Refrigeration Mechanic and Repair.....	3

## TOTAL CREDIT HOURS FOR GRADUATION – 60

« TSI Requirement (Texas Success Initiative - any other State-approved test) - Student must pass all three sections of State-approved test to graduate with this degree.

† Grade of "C" or better is required for graduation