

TRANSFER PATHWAY



(For Transfer to Northwestern State University)

ASSOCIATE OF APPLIED SCIENCE IN AIR CONDITIONING AND REFRIGERATION TECHNOLOGY TO Online Bachelor of Applied Arts and Sciences Technology Concentration

Catalog Year 2021-2022 You may use this pathway if you entered Dallas College on or before this date.

Career Path Manufacturing and Industrial Technologies

Available at Eastfield Campus

TSI Must be Complete

SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

Although there may be several options to fulfill certain requirements for the associate's degree, please note that this pathway lists the specific courses leading to this bachelor's degree. All plans can be modified to fit the needs of part-time students. This is not an official degree plan. Refer to catalog for official degree requirements. You must receive a GPA of at least 2.00 on all college-level course work. Students must earn at least 25% of the credit hours required for graduation through instruction by Dallas College. Certain courses for this program are only offered at the Eastfield Campus. Contact your advisor for information.

AAS DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS

SEMESTER 1

Total Hours: 15

HART 1401 – Basic Electricity for HVAC *Course is taught in a 5-week format.*
HART 1403 – Air Conditioning Control Principles *Course is taught in a 5-week format.*
HART 1407 – Refrigeration Principles *Course is taught in a 5-week format.*
ENGL 1301 – Composition I *This is a (CB 010) Core course. Must earn a grade of "C" or higher.*

SEMESTER 2

Total Hours: 15

HART 1441 – Residential Air Conditioning
HART 1445 – Gas and Electric Heating
HART 2449 – Heat Pumps
Mathematics Core Elective *This is a (CB 020) Core course. Must earn a grade of "C" or higher. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

SEMESTER 3

Total Hours: 14

HART 2342 – Commercial Refrigeration
HART 2441 – Commercial Air Conditioning
HART 2436 – Air Conditioning Troubleshooting
Humanities/Fine Arts Core Elective *This is a (CB 040 or CB 050) Core course. There are several options to fulfill this requirement. Contact your academic advisor for a specific list.*

SEMESTER 4

Total Hours: 16

HART 1451 – Energy Management
HART 2334 – Advanced Air Conditioning Controls
SPCH 1311 – Introduction to Speech Communication *This is a (CB 090) Core course.*
PSYC 2301 – General Psychology *This is a (CB 080) Core course.*
CHOOSE ONE: **HART 2368** – Practicum (or field experience)-Heating, Air Conditioning and Refrigeration Technology/Technician **OR**
HART 2380 – Cooperative Education-Heating, Air Conditioning and Refrigeration Technology/Technician

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SEMESTER-BY-SEMESTER MAP FOR FULL-TIME STUDENTS

For questions about the University portion of this transfer pathway, Contact the MSU BAAS Advising Office at 940 397-4400 or email baas@msutexas.edu It is best to apply to Northwestern State University a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

Life & Physical Science Core
Creative Arts Core
HIST 1133 (1301) Core
POLS 1333 (GOVT) Core
Undergraduate Inquiry & Creativity Core
Computer Science Course

SEMESTER 2

Total Hours: 18

Life & Physical Science Core
HIST 1233 (1302) Core
POLS 1433 (GOVT) Core
Cultural Global Understanding Core
TECH 3103 – Safety Technology
TECH 3113 – Quality Technology

SEMESTER 3

Total Hours: 15

TECH 3133 – Manufacturing Technology
TECH 3143 – Production Planning
TECH 3153 – Project Planning
TECH 3163 – Supply Technology
TECH 4103 - Innovation

SEMESTER 4

Total Hours: 15

TECH 4113 – Facilities Design
TECH 4123 – Energy Technology
TECH 4133 – Construction Technology
BAAS 3113, Internship or Elective Course
BAAS 4113, Capstone
