



# HVAC AND REFRIGERATION TECHNOLOGY CAREER PATHWAY MAP

✓	RECOMMENDED COURSE SEQUENCE	SEMESTERS OFFERED	CREDIT HOURS
<input type="checkbox"/>	1. HART 1307 Refrigeration Principles	F	3
<input type="checkbox"/>	<b>2. HART 1341 Residential Air Conditioning</b>	F	3
<input type="checkbox"/>	3. ELPT 1311 Basic Electrical Theory	F, Sp	3
<input type="checkbox"/>	4. ENTC 1347 Safety and Ergonomics	F, Sp	3
<input type="checkbox"/>	5. DFTG 1325 Blueprint Reading and Sketching	F, SP, Su	3
			<i>15 hours</i>
<input type="checkbox"/>	6. HART 1391 Special topics in HVAC	SP	3
<input type="checkbox"/>	<b>7. HART 2434 Adv A/C Control Principles</b>	Sp	4
<input type="checkbox"/>	<b>8. HART 2336 A/C Troubleshooting</b>	Sp	3
<input type="checkbox"/>	<b>9. INTC 1353 Analog Controls II</b>	F, Sp	3
<input type="checkbox"/>	10. HART 1382 Internship	Sp, Su	3
			<i>31 hours</i>
<input type="checkbox"/>	<b>11. HART 1345 Gas and Electric Heating</b>	Su	3
<input type="checkbox"/>	<b>12. HART 2449 Heat Pumps</b>	Su	4
<input type="checkbox"/>	<b>13. HART 2445 Resident A/C Systems Design</b>	Su	4
	*** HVACR TECHNICIAN CERTIFICATE EARNED ***		<i>42 hours</i>
<input type="checkbox"/>	<b>14. HART 1383 Internship</b>	Su	3
			<i>45 hours</i>
<input type="checkbox"/>	15. ENGL 1301 Composition I	F, Sp, Su	3
<input type="checkbox"/>	16. PHIL 1301 Introduction to Philosophy*	F, Sp, Su	3
<input type="checkbox"/>	17. MATH 1332 Contemporary Mathematics*	F, Sp, Su	3
<input type="checkbox"/>	18. SOCI 1301 Introductory Sociology*	F, Sp, Su	3
<input type="checkbox"/>	19. SPCH 1315 Public Speaking*	F, Sp, Su	3
	*** ASSOCIATE OF APPLIED SCIENCE DEGREE EARNED *** NOTE: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.		<i>60 hours</i>

## READ ALL NOTES CAREFULLY:

- \* Refer to Core Curriculum and KC Catalog for all possible course options.
- a) Courses in **bold** have a pre-requisite (previous course required).
- b) Courses in *italics* can be taken in any order.
- c) ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
- d) Refer to KC Catalog for Certificate and AAS Degree Requirements.

## CAREER OPPORTUNITIES

HVAC Technician  
Refrigeration Technician  
EPA 608 Certification

## ADVANCED DEGREE/CREDENTIAL OPPORTUNITIES

University of Texas at Tyler, Bachelor of Science (BS) in Industrial Technology

## LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

University of Texas at Tyler, Department of Business and Technology, <https://www.uttyler.edu>

## CONTACT INFORMATION

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