

Student Name: (First, Last)	Student EMPL #:	Date:
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Total Units: 112	Total Cost: <a href="http://www.cptc.edu/feelists">www.cptc.edu/feelists</a>	Target Start Date:	Target Grad. Date:	Staff Initials:
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Important Information For Educational Planning

- All courses must be completed with a minimum "C" grade to receive the certificate. Students required to pass seven nationally recognized certification exams during the program.
- **Program Starts:** Summer, Fall, Winter, and Spring
- **This Degree could lead to a BAS degree at CPTC.**

Program Courses		Units	Status	Total Term Units
Term 1	HAC 102 Basic Electricity	5		31
	HAC 105 Electrical Circuits	4		
	HAC 120 Advanced Controls and Troubleshooting	4		
	HAC 162 Electric Motors and Their Applications	4		
	HAC 163 Refrigeration Controls	3		
	HAC 164 Electric Motor Controls and Troubleshooting Motors	3		
	HAC 169 Advanced Motor Theory	2		
	Approved Computer Literacy course: <b>CAH 105 Computer Applications, CAS 115 Intro to Computing, CAS 121 Word I, CAS 130 Excel I, CAS 141 PowerPoint</b> -Or complete the CL Prior Learning Assessment (PLA). <a href="https://www.cptc.edu/enrollment-services/pla">https://www.cptc.edu/enrollment-services/pla</a>	3		
	<b>COLL 102 College Success for All</b>	3		
Term 2	HAC 170 Heating I	7		27
	HAC 175 Heating I Lab	5		
	HAC 181 Heating II	6		
	HAC 184 Heating II Lab	4		
	<b>MAT 103 Business Math or MAT 105 Math for Industrial Professionals</b>	5		
Term 3	HAC 230 EPA Refrigerant Recovery Certification	1		27
	HAC 237 Basic Refrigeration I	7		
	HAC 242 Basic Refrigeration I Lab	5		
	HAC 246 Basic Refrigeration II	6		
	HAC 255 <sup>CAP</sup> Basic Refrigeration II Lab	3		
	<b>ENGL&amp; 101 English Composition I or CMST&amp; 220 Public Speaking</b>	5		
Term 4	HAC 202 Advanced Refrigeration	10		27
	HAC 249 Job Readiness	5		
	HAC 257 Commercial Refrigeration/Advanced Refrigeration	7		
	<b>PSYC&amp; 100 General Psychology or PSYC 112 Psychology of the Workplace or SOC&amp; 101 Introduction to Sociology</b>	5		

**Status Key:** X=Completed course, TR= Transferred course, IP= In Progress **Note:** Unit=Credit

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School of Automotive and Trades

Heating & Air Conditioning/Refrigeration Service Technician  
**Associate of Applied Technology (AAT) Degree Program Map 2023-2024**

Math	Student Placement
Adult Basic Education (ABE Math) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
MAT 103/MATSI 103 Business Math w/ supplemental Instruction (8 Units) <b>-or-</b> MAT 105/MATSI 105 Math for Industrial Professionals w/ supplemental Instruction (8 Units)	<input type="checkbox"/>
<b>Stand Alone:</b> MAT 103 Business Math (5 Units) <b>-or-</b> MAT 105 Math for Industrial Professionals (5 Units)	<input type="checkbox"/>

English	Student Placement
Adult Basic Education (ABE English) contact Transitional Studies Dept. Bldg. 10 (253) 589-5702	<input type="checkbox"/>
ENGL& 101/ENSI 101 English Composition w/ supplemental Instruction (8 Units)	<input type="checkbox"/>
<b>Stand Alone (choose one):</b> ENGL& 101 English Composition (5 Units)	<input type="checkbox"/>

Individualized Program Map			
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:
Class:	Class:	Class:	Class:

**Program Instructor:** Richard Barton email: [richard.barton@cptc.edu](mailto:richard.barton@cptc.edu)

**Program Counselor:** Taylor McGovern email: [taylor.mcgovern@cptc.edu](mailto:taylor.mcgovern@cptc.edu)

**Transferring Course Work into CPTC:** [www.cptc.edu/transfer-to](http://www.cptc.edu/transfer-to) Email Contact [evaluator@cptc.edu](mailto:evaluator@cptc.edu)

**Graduation Application:** [www.cptc.edu/enrollment-services](http://www.cptc.edu/enrollment-services) >Transcripts & Graduation >Degree/Certificate Application. Graduation Ceremony Information (Commencement) > Graduation Info

**Career Outlook sites:** [www.onetonline.org](http://www.onetonline.org) [www.worksourcewa.com](http://www.worksourcewa.com)

**Notes:**

*\*Please check in periodically with Advising and Counseling regarding any potential changes to program course requirements*