



Academic Map  
**Air Conditioning, Heating, Refrigeration, and Electrical Technology**  
**Apprentice Level Air Conditioning, Heating, Refrigeration, & Electrical**  
**Level I Certificate**  
 (CIP 47.0201)

For timely completion of certificate requirements, students must follow the guidelines below. Contact the Program Director for the most up-to-date course schedules.

Students who plan to pursue this certificate path may not register for Academic or Technical Courses offered outside of stated certificate requirements.

<b>Courses</b>	
<b>Semester I</b>	<b>Hours</b>
ELPT 1345 Commercial Wiring	3
ELPT 1357 Industrial Wiring	3
ELPT 2305 Motors and Transformers	3
HART 1345 Gas and Electric Heating	3
HART 2336 Air Conditioning Troubleshooting	3
HART 2349 Heat Pumps	3
<b>Semester II</b>	
ELPT 2325 National Electrical Code II	3
HART 2441 Commercial Air Conditioning (Capstone Course)	4
HART 2442 Commercial Refrigeration	4
<b>29 Semester Credit Hours</b>	

***Choose. Connect. Complete***