Air Conditioning Technology

These programs are short certificates of credit that are embedded within the Air Conditioning Technology Diploma program. If you are interested in receiving one of these certificates, enroll in the Air Conditioning Technology Diploma, and you will be able to complete any of these certificates once you've finished the required courses for each.

1. **Air Conditioning Electrical Technician**   **Credit Hours**
   (Embedded in Diploma)

Course	Hours
AIRC 1030 – HVACR Electrical Fundamentals	4
AIRC 1040 – HVACR Electrical Motors	4
*AIRC 1050 – HVACR Electrical Components and Controls	4
TOTAL HOURS:	**12**

2. **Air Conditioning Repair Specialist**
   (Embedded in Diploma)

Course	Hours
AIRC 1005 – Refrigeration Fundamentals	4
AIRC 1030 – HVACR Electrical Fundamentals	4
AIRC 1040 – HVACR Electrical Motors	4
AIRC 1070 – Gas Heat	4
*AIRC 1080 - Heat Pumps and Related Systems	4
TOTAL HOURS:	**20**

3. **Air Conditioning Sys Maintenance Technician**
   (Embedded in Diploma)

Course	Hours
AIRC 1005 – Refrigeration Fundamentals	4
AIRC 1010 – Refrigeration Principles and Practices	4
*AIRC 1030 – HVACR Electrical Fundamentals	4
TOTAL HOURS:	**12**

4. **Air Conditioning Technician Assistant**
   (Embedded in Diploma)

Course	Hours
AIRC 1005 – Refrigeration Fundamentals	4
AIRC 1010 – Refrigeration Principles and Practices	4
*AIRC 1020 – Refrigeration System Components	4
TOTAL HOURS:	**12**

5. **Residential Air Conditioning Technician**
   (Embedded in Diploma)

Course	Hours
AIRC 1005 – Refrigeration Fundamentals	4
AIRC 1020 – Refrigeration Systems Components	4
AIRC 1060 – Air Conditioning Systems Application and Installation	4
*AIRC 1090 – Troubleshooting Air Conditioning Systems	4
TOTAL HOURS:	**16**