

HVAC BUILDING COMMISSIONING CERTIFICATE

Division: Career Technical Education

PROGRAM CODE: 1C31185N20

The HVAC Building Commissioning Certificate (formerly Air Conditioning Building Commissioning Certificate) provides students with a career path for attaining the communication skills, practical knowledge, and technical training necessary for pursuing a career in building commissioning certification. Students completing this certificate will develop an advanced understanding of the building commissioning process. To earn this certificate, complete the required courses as listed with a grade of C or better. At least 50% of all major course work must be completed at Cypress College. This certificate requires a total of 20 units.

Code	Title	Units
Required Courses are listed in suggested sequence (20 units):		
AC/R 100 C	Principles of Thermodynamics and Heat Transfer	3
AC/R 110 C	Air Flow Design & Psycmtrcs	2
AC/R 120 C	Piping Prac-Tools and Safety	3
AC/R 115 C	Gas Heat Transfer Systems	3
AC/R 106 C	Electricity for Air Conditioning and Refrigeration II	3
AC/R 205 C	Commercial Air Conditioning	3
AC/R 215 C	Codes and Commissioning (formerly Estimating for HVAC)	3
Total Units		20

Program Student Learning Outcomes:

OUTCOME 1: Acquire the workforce preparation skills, including knowledge of heat transfer theories, code application, and technical training, necessary for a career in building commissioning certification.

https://www.curricunet.com/Cypress/reports/program_report.cfm?programs_id=1586