



BOMA/HVAC Program

The Commercial HVAC Certificate Program is a unique partnership between the Builder Owners and Managers of Georgia (BOMA Georgia) and Chattahoochee Technical College. The program offers building engineers a five-semester HVAC program. Courses are topic-specific and advance their knowledge of commercial heating, ventilation and air conditioning systems. Participants can begin the program at any course entry point.

BOMA/HVAC – Course 1

This class begins with an overview of thermodynamics, and understanding the HVAC system. Additional topics include: chilled water systems; air cooled chillers; specifying and buying chillers; air handling system operation and maintenance; water source heat pump systems; components, operation and maintenance of heating systems; gas fired, combustion system operations; hot water systems; and steam heating and electric heating systems. The EPA exam is administered at the end of the course.

Next Session: 2019

BOMA/HVAC – Course 2

In course 2 of the Commercial HVAC Program, topics include: air cooled chillers, specifying and buying chillers, and air handling systems. There will also be a site visit.

Next Session: 2019

BOMA/HVAC – Course 3

In course 3 of the Commercial HVAC Program, topics include: fans and direct expansion (CS) systems. There will also be a site visit.

Next Session: 2019

BOMA/HVAC – Course 4

In course 4 of the Commercial HVAC Program, topics include: heating systems (including boilers), electric heat, and water source heat pumps. There will also be a site visit.

Next Session: Thursdays, January 17 - March 21, 2019 from 5:00pm - 9:00pm

BOMA/HVAC – Course 5

In course 5 of the Commercial HVAC Program, topics include: pneumatic controls; electromechanical controls; direct digital codes; building energy savings from controls; energy metering and monitoring; rules, regulations, standards and laws; electricity, power and efficiency; the review; and the final exam.

Next Session: Thursdays, April 4th—June 6th, 2019 from 5:00pm—9:00pm

Course Fee: \$795.00

Location: All Courses are taught on the Marietta Campus, 980 South Cobb Drive, Marietta, GA. 30030. Building H, Room H1127

PLEASE NOTE: These are not hands-on courses; you should already be working in the field.

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