



# “The Basics of Commercial HVAC Systems”

**Thursday,  
August 20, 2009  
8:00 am – 12:00 pm**

*Holiday Inn Tanglewood  
4468 Starkey Road SW  
Roanoke, VA 24018*

**Continental breakfast will be  
served at 7:45am**

**4 hours of AIA Health,  
Safety & Welfare & SD  
credits available!**

**Class registration is  
\$75 per person.**

**Request a registration form or  
download one from our website.**

**Please pay with check in advance:  
*The HVAC Training Institute  
4010 Red Grape Drive  
Raleigh, NC 27607***

This half day program created especially for **Architects** will provide you with a broad understanding of the Basics of Commercial HVAC Systems. AIA Continuing Education Credits available. **Pre-payment required.**

## **Class Topics**

- How to heat and cool building air
- How air is delivered to the space
- How to ventilate a space
- Why did they pick *that* system?
- How to read “M” drawings
  
- Common HVAC systems and how they work
  - Constant volume package units
  - Constant volume split systems
  - Variable air volume (VAV) rooftop systems
  - Water source heat pumps
  - 4-pipe systems
  
- What you don’t see on the M drawings
- Common value engineering ideas
- Green HVAC – LEED points with the HVAC system

Call today or visit our website, for more information concerning this upcoming class or to schedule training for your company!

**919-510-4061 voice – Chris Grawburg**

**919-896-6189 fax**

**www.hvactraininginstitute.com**





# “The Basics of Commercial HVAC Systems”

## Registration & Payment Form

**Thursday,  
August 20, 2009  
8:00 am – 12:00 pm**

*Holiday Inn  
Tanglewood*

**4468 Starkey Road SW  
Roanoke, VA 24018**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Phone & Fax: \_\_\_\_\_

**Continental breakfast will be served at 7:45am**

Names of participants	AIA Number (if applicable)	Cost
1st		\$75
2nd		\$75
3rd		\$75
4th		\$75
5th		\$75
Total :		\$

**4 hours of AIA Health, Safety & Welfare & SD credits available!  
Class registration is \$75 per person.**

*Make checks payable to: The HVAC Training Institute*

**You will receive a faxed confirmation of your registration within one week!**

Request a registration form or download one from our website.  
**Please pay with check in advance:**  
*The HVAC Training Institute  
4010 Red Grape Drive  
Raleigh, NC 27607*

Call today or visit our website, for more information concerning this upcoming class or to schedule training for your company!  
**919-510-4061 voice – Chris Grawburg**  
**919-896-6189 fax**  
**www.hvactraininginstitute.com**

