



"Helping build safer communities"©

# Res/ Com. Mechanical Inspector

3 day ---18 hours (1.8 CEU's)

Registration 7:30

Class starts 8:00

**Cost 395.00**

**Classes are limited in size**

CEU Approvals ---ICC, SC #002-11-10, TN,

**Course Objective:** Seasoned HVAC technicians as well as Building, Plumbing or Electrical inspectors will feel confident about inspecting plumbing and gas systems after attending this class. Understanding confined spaces, combustion air, appliance venting, as well as different types and requirement of commercial hoods are important to reading the code.

**Method of Evaluation:** Through a series of pre and post progress quizzes, reviews, and worksheets, the instructor will aid the inspector in seeing how related tables and sections are used to form the current code. The instructor will help the inspector better understand how to interpret the code correctly and avoid common mistakes in the field.

**Suggested Pre-requisite: None**

<p style="text-align: center;"><b><u>Day 1</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Pre- Quiz and Review</b></li> <li>➤ Appliance installations</li> <li>➤ How a AC unit works</li> <li>➤ Refrigerants</li> <li>➤ Combustion Air</li> <li>➤ Fresh air into commercial building</li> </ul> <p style="text-align: center;"><b><u>Day 2</u></b></p> <ul style="list-style-type: none"> <li>➤ <b>Progress quiz &amp; review</b></li> <li>➤ Gas appliance venting</li> <li>➤ Hood systems</li> <li>➤ Hood Fire Control</li> </ul>	<p style="text-align: center;"><b><u>Day 3</u></b></p> <ul style="list-style-type: none"> <li>• <b>Progress quiz &amp; review</b></li> <li>• Plumbing Plan Review Basics</li> <li>• Gas Line installations and Sizing</li> <li>• Gas Plan Reviews</li> </ul> <p><b>NOTE:</b> <i>Students are encouraged to bring a set of commercial plans to class</i></p> <div style="border: 3px double black; padding: 5px; text-align: center;"> <p><b>There is an online quiz the student can take at no additional cost after the class</b></p> </div>
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## Bring the following items to class

<p style="text-align: center;"><b>Books Needed</b></p> <ul style="list-style-type: none"> <li>• Residential Code</li> <li>• Mechanical Code</li> <li>• Fuel Gas Code</li> </ul>	<p style="text-align: center;"><b><u>Materials Needed</u></b></p> <ul style="list-style-type: none"> <li>Highlighters –2 colors</li> <li>• Calculator</li> <li>• <i>England Enterprises will supply a workbook</i></li> </ul>
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If you need further assistance [www. ibcode.net](http://www.ibcode.net) or call **(843) 747-3575**

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