



# **MASTERS PLUMBING & GAS SCHOOL**

## **“Mastering the Art of Our Trade”**

### **Course Catalog**

#### **Locations:**

**5 Mark Lane, Hyannis, MA 02601**

#### **Online Classes**

Masters Plumbing & Gas School offers the required courses for Plumbers and Gasfitters to acquire their Journeyman and Master licenses.

Courses are offered both in the **Fall & Spring Semesters.**

**Tier programs are 55 hours per semester, totaling 110 hours in a calendar year.**

Grandfathered plumbers/gasfitters may complete a total of **150 hours of education per calendar year.**

Course descriptions and prices are listed in this catalogue.

**PLUMBING TIER 1 – Course ID: PT1**  
**Price - \$1300 (\$650 per 55 hour semester)**  
 (Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

LESSON 1: Introduction to Plumbing	6 hours
LESSON 2: Safety & Installation Practices	10 hours
LESSON 3: Education and Experience Requirements 248 CMR 3.00 and 11.00	6 hours
LESSON 4: Materials, Tools, and Joining Methods used in Plumbing	18 hours
LESSON 5: Valves and Devices Used in Plumbing	9 hours
LESSON 6: Residential Blueprint Reading	15 hours
LESSON 7: Math	40 hours
LESSON 8: Definitions	6 hours
<b>TOTAL</b>	<b>110 hours</b>

**PLUMBING TIER 2 – Course ID: PT2**  
**Price - \$1300 (\$650 per 55 hour semester)**  
 (Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

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LESSON 1: Drainage (ID: PT2-L1)	3 hours
LESSON 2: Building Sanitary Waste and Venting System (ID: PT2-L2)	6 hours
LESSON 3: Allowable Materials and Approval Procedures (ID: PT2-L3)	3 hours
LESSON 4: Plumbing Traps (ID: PT2-L4)	6 hours
LESSON 5: Cleanouts (ID: PT2-L5)	3 hours
LESSON 6: Plumbing Code (ID: PT2-L6)	6 hours
LESSON 7: Potable Water Supply (ID: PT2-L7)	12 hours
LESSON 8: Math (ID: PT2-L8)	32 hours
LESSON 9: Gas Fitting (ID: PT2-L9)	24 hours
LESSON 10: Blueprint Reading (ID: PT2-L10)	9 hours
LESSON 11: Definitions (ID: PT2-L11)	6 hours
<b>TOTAL</b>	<b>110 hours</b>

**PLUMBING TIER 3 – Course ID: PT3**  
**Price - \$1300 (\$650 per 55 hour semester)**

(Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

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LESSON 1: Venting (ID: PT3-L1)	21 hours
LESSON 2: Drainage (ID: PT3-L2)	18 hours
LESSON 3: Water Supply (ID: PT3-L3)	18 hours
LESSON 4: Testing & Safety (ID: PT3-L4)	6 hours
LESSON 5: Storm Drains (ID: PT3-L5)	9 hours
LESSON 6: Gas Code (ID: PT3-L6)	16 hours
LESSON 7: Fixture Installation (ID: PT3-L7)	12 hours
LESSON 8: Definitions (ID: PT3-L8)	10 hours
<b>TOTAL</b>	<b>110 hours</b>

**PLUMBING TIER 4 – Course ID: PT4**  
**Price - \$1300 (\$650 per 55 hour semester)**

(Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

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LESSON 1: Gas Code (ID: PT4-L1)	27 hours
LESSON 2: General Provisions (ID: PT4-L2)	6 hours
LESSON 3: Scope and Jurisdiction (ID: PT4-L3)	3 hours
LESSON 4: Drainage Piping (ID: PT4-L4)	24 hours
LESSON 5: Water Supply (ID: PT4-L5)	12 hours
LESSON 6: Fixture Installations (ID: PT4-L6)	12 hours
LESSON 7: Hospital Fixtures (ID: PT4-L7)	3 hours
LESSON 8: Manufactured Homes & Construction Trailers (ID: PT4-L8)	3 hours
LESSON 9: Public and Semi-Public Swimming Pools (ID: PT4-L9)	3 hours
LESSON 10: Vacuum Drainage Systems (ID: PT4-L10)	3 hours
LESSON 11: Basic Principles (ID: PT4-L11)	6 hours
LESSON 12: Definitions (ID: PT4-L12)	8 hours
<b>TOTAL</b>	<b>110 hours</b>

**PLUMBING TIER 5 – Course ID: PT5**  
**Price - \$1590 (\$795 per 55 hour semester)**  
 (Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

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LESSONS 1 - 4: Plumbing & Gas Code Review (ID: PT5-L1-4)	95 hours
LESSON 5: Business Related Costs (ID: PT5-L5)	15 hours
<b>TOTAL</b>	<b>110 hours</b>

**GAS TIER 1 – Course ID: GT1**  
**Price - \$1300 (\$650 per 55 hour semester)**  
 (Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

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LESSON 1: Introduction to Gas Fitting (ID: GT1-L1)	10 hours
LESSON 2: Safety & Installation Practices (ID: GT1-L2)	10 hours
LESSON 3: General Provisions for Gas Work in Massachusetts 248 CMR 3.00 (ID: GT1-L3)	5 hours
LESSON 4: Education and Experience Requirements for Licensure 248 CMR 11.00 (ID: GT1-L4)	2 hours
LESSON 5: Massachusetts Modifications to Sections of NFPA 54 248 CMR 4.00 & 5.00 (ID: GT1-L5)	23 hours
LESSON 6: Gas Piping System Design, Material and Components (ID: GT1-L6)	35 hours
LESSON 7: Gas Piping Installation (ID: GT1-L7)	30 hours
<b>TOTAL</b>	<b>110 hours</b>

**GAS TIER 2 – Course ID: GT2**  
**Price - \$1300 (\$650 per 55 hour semester)**

(Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

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LESSON 1: Testing and Inspection (ID: GT2-L1)	10 hours
LESSON 2: Equipment Installation (ID: GT2-L2)	20 hours
LESSON 3: Installation of Specific Equipment (ID: GT2-L3)	10 hours
LESSON 4: Venting of Equipment (ID: GT2-L4)	50 hours
LESSON 5: Gas Utilization in Large Equipment (ID: GT2-L5)	20 hours
<b>TOTAL</b>	<b>110 hours</b>

**GAS TIER 3 – Course ID: GT3**  
**Price - \$1300 (\$650 per 55 hour semester)**

(Not including price of Workbook and/or Codebook)

**Below is the course required by the Massachusetts State Plumbing Board**

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LESSON 1: NFPA 58 Storage and Handling of Liquefied Petroleum Gases (ID: GT3-L1)	10 hours
LESSON 2: Basic Principles of a Propane Gas System (ID: GT3-L2)	10 hours
LESSON 3-5: Gas Code Review for Exam (ID: GT3-L3-5)	75 hours
LESSON 6: Business Related Costs (ID: GT3-L6)	15 hours
<b>TOTAL</b>	<b>110 hours</b>