

Plumbing Tier Instructor Job Description

Title: Plumbing Apprenticeship Tier Instructor

Qualifications:

1. Commonwealth of Massachusetts Master Plumber license
2. Minimum of 5 years as a licensed plumber
3. Teaching experience preferred

The Board of Examiners of Plumbers and Gas Fitters sets the standards, curriculum, and hours for each of the five tiers required for licensure. Southeastern offers each of the five tier classes. These classes are:

- 110 hours each
- 2 evenings per week (3 hours each night)

Pay Range: \$38 - \$45 per hour

Curriculum: The Board of Examiners of Plumbers and Gas Fitters provides details of the content of each Tier. Included is an outline of each year.

Full program details can be found at: <https://www.mass.gov/service-details/plumbing-tier-program>

Contact Pat Illsley @ 508-230-1374 or pillsley@sersd.org for more information.

Plumbing Tier Program

Tier 1 (PL) - First Year Lessons

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
TOTAL	110 hours

Tier 2 (PL) - Second Year Lessons

LESSON 1: Drainage	3 hours
LESSON 2: Building Sanitary Waste and Venting System	6 hours
LESSON 3: Allowable Materials and Approval Procedures	3 hours
LESSON 4: Plumbing Traps	6 hours
LESSON 5: Cleanouts	3 hours
LESSON 6: Plumbing Code	6 hours
LESSON 7: Potable Water Supply	12 hours
LESSON 8: Math	32 hours
LESSON 9: Gas Fitting	24 hours
LESSON 10: Blueprint Reading	9 hours
LESSON 11: Definitions	6 hours
TOTAL	110 hours

Tier 3 (PL) - Third Year Lessons

LESSON 1: Venting	21 hours
LESSON 2: Drainage	18 hours
LESSON 3: Water Supply	18 hours
LESSON 4: Testing & Safety	6 hours
LESSON 5: Storm Drains	9 hours
LESSON 6: Gas Code	16 hours
LESSON 7: Fixture Installation	12 hours
LESSON 8: Definitions	10 hours
TOTAL	110 hours

Tier 4 (PL)- Fourth Year Lessons

LESSON 1: Gas Code	27 hours
LESSON 2: General Provisions	6 hours
LESSON 3: Scope and Jurisdiction	3 hours
LESSON 4: Drainage Piping	24 hours
LESSON 5: Water Supply	12 hours
LESSON 6: Fixture Installations	12 hours
LESSON 7: Hospital Fixtures	3 hours
LESSON 8: Manufactured Homes & Construction Trailers	3 hours
LESSON 9: Public and Semi-Public Swimming Pools	3 hours
LESSON 10: Vacuum Drainage Systems	3 hours
LESSON 11: Basic Principles	6 hours
LESSON 12: Definitions	8 hours
TOTAL	110 hours

Tier 5 (PL) - Fifth Year Lessons

LESSONS 1 - 4: Plumbing & Gas Code Review	95 hours
LESSON 5: Business Related Costs	15 hours
TOTAL	110 hours