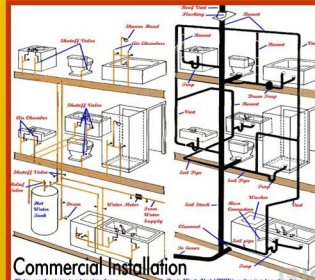
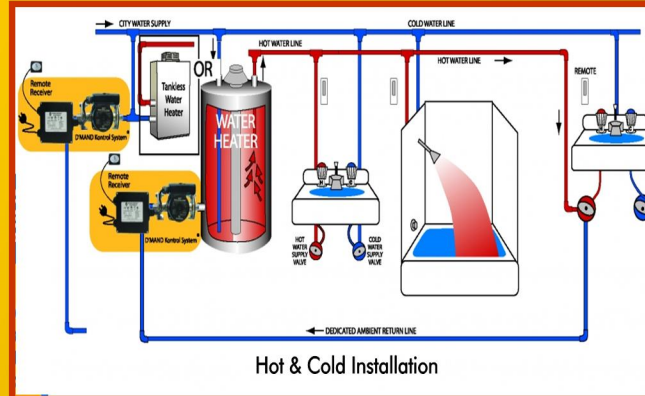


Employment Opportunities

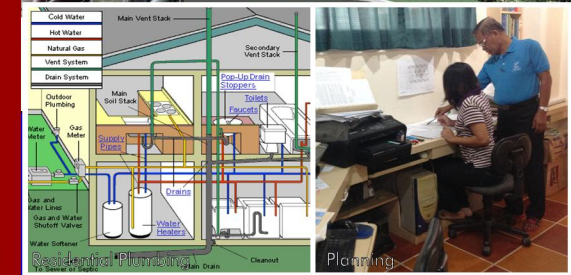
Master Plumbers works for Building Industry designing DWV Systems, Water Distribution System in buildings. Some of the areas that Master Plumbers can go into are.

- * **Plumbing Systems:** Master Plumbers design and prepare plan of Plumbing Systems which include Drainage, Waste and Vent System, Water Distribution System, Hot and Cold Water Supply, Storm Drainage System, fixtures, Septic and Waste Treatment Facilities.
- * **Project Management:** Master Plumbers work with a variety of professional services which includes Plumbing Installation, Management and other related services.
- * **Consulting:** Once Master Plumbers have gained significant on-the-job experience and developed a high level of expertise, they might choose to work for themselves as consultants or independent contractors. Here they can work on projects of their choosing for clients they respect. The consulting field offers opportunities in large and small plumbing service firms and in private practice.
- * **Waste Treatment Facility and Septic Systems:** In this field, Master Plumbers design and plan for the Septic and Waste Treatment Facility of a building project under the principle of sedimentation process of purification.
- * **Upfeed and Downfeed Water Supply:** The Plumbing design and Plan for the appropriate size of Water Downfeed and Upfeed pipes to deliver the right amount of water supply, recommend the appropriate size of pipe for both upfeed and downfeed system.
- * **Cost Estimates/Bill of Materials and Specification:** The Master Plumber's employment Opportunities goes with the Knowledge of preparing project Cost Estimates and Specifications in order to complete a total Plumbing System Service.

MASTER PLUMBER



The PROFESSIONALS



MASTER PLUMBER

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MASTER PLUMBER

A Master Plumber designs, creates and improves Plumbing systems that is used for domestic, public and industrial purposes. He possesses the following qualifications and credentials to practice this very important profession which requires education and skills that span a broad range of technical, social, environmental, and economic problems.

- * Has completed his/her Bachelor of Science Degree in any of the following courses: BS Architecture, BSCE, BSME, BSEE, BSSE in a CHED-accredited University or College.
- * The categories of licenses granted in Master Plumbing are:

Professional Master Plumber (PMP)

1. A licensed Master Plumber with special practice based on his field of experience within the scope of Master Plumbing.
2. Minimum practice of 5 years in his profession

Master Plumber

-  He has passed the Master Plumbers Licensure Examination administered by the Professional Regulation Commission (PRC)

These licenses grant the individual the competency required to enter the Professional Master Plumber level.

Functions:

- * Accepting and internalizing Plumbing science like the relationship between Soil , Waste & Vent and Fire protection, Waste Treatment Facilities, Septic System and Storm Drainage Systems within the building.

- * Advocating and Implementing research , design, and development of Plumbing Systems.
- * Production of products and Services which includes planning, operations, and maintenance.
- * Coordinating function of the Master Plumber involving management, consulting, and marketing.

Skills and Competencies:

- * A Master Plumber is involved in consultation, valuation, investigation and project management works. This requires thorough plumbing systems knowledge that will enable him to fully and satisfactorily complete these range of services.
- * He must be able to design, Plan Specify, prepare project studies, cost estimates, and specification of products used in the plumbing system.
- * He must be competent in the management or supervision of the installation, alteration, testing and commissioning of Plumbing Systems and other related works.
- * He must possess the skills in plumbing management, supervision, system or maintenance of any Plumbing installation in any type of building that require all kinds of plumbing installation.
- * He must have technical expertise to manage or supervise the manufacture, sale, supply or distribution of any plumbing materials, pipes, fittings and fixtures.

Physical Attributes and Characteristics:

- * Above-average mathematical skills
- * With Analytical ability
- * Decisive and responsible
- * Good Communication skills, both oral and written
- * Good interpersonal skills

Course Description

To date, there is no course leading to a degree in Master Plumbing. However, there is a Bill filed in both Congress and Senate-The "Plumbing Engineering Law" that will lead to a 5-year course Program in Plumbing Engineering that will cover Mathematics, Theory and Practice of Plumbing, Hydraulics and Plumbing principles, Plumbing Laws and National Code, Laws on obligation and Contracts and Code of Ethics of the profession.

Cost of Education:

The Cost of Education in the five-year B.S. Baccalaureate Degree ranges from P10,000 to P60,000 per semester or from P20,000 to P120,000 per year depending on the college or university one is enrolled in

Career Outlook

Master Plumbing finds applications in all fields of technology. As such, it ranks within the top10 in demand jobs in the country as reported by the National Statistical Coordination Board (NSCB) in 2013.

Qualified PMP's & MP's are in demand virtually in all industries so the outlook is bright for Master Plumbers both locally and internationally.