



TRADES ACADEMY

Building Skills For A Lifetime

PLUMBING

Core Curriculum (2015):

Basic Safety * Introduction to Construction Math * Introduction to Hand Tools * Introduction to Power Tools * Introduction to Construction Drawings * Basic Rigging * Basic Communication Skills * Basic Employability Skills * Introduction to Materials Handling

Core Curriculum: 85 hours Core Tuition: \$1,360.00 Core Textbook: \$95.00

Plumbing Level 1 (2012):

Introduction to the Plumbing Industry * Plumbing Safety * Tools of the Plumbing Trade * Introduction to Plumbing Math * Introduction to Plumbing Drawings * Plastic Pipe & Fittings * Copper Pipe & Fittings * Cast-Iron Pipe & Fittings * Carbon Steel Pipe & Fittings * Introduction to Plumbing Fixtures * Introduction to Drain, Waste, & Vent (DWV) Systems * Introduction to Water Distribution Systems

Plumbing Level 1: 145 hours Level 1 Tuition: \$2,320.00 Level 1 Textbook: \$95.00

Plumbing Level 2 (2013):

Plumbing Math Two * Reading Commercial Drawings * Structural Penetrations, Insulation, & Fire Stopping * Installing & Testing DWV Piping * Installing Roof, Floor, & Area Drains * Types of Valves * Installing & Testing Water Supply Piping * Installing Fixtures & Valves * Basic Electricity * Installing Water Heaters * Fuel Gas Systems

Plumbing Level 2: 170 hours Level 2 Tuition: \$2,720.00 Level 2 Textbook: \$135.00

Plumbing Level 3 (2014):

Applied Math * Sizing & Protecting the Water Supply System * Potable Water Supply Treatment * Types of Venting * Sizing DWV & Storm Systems * Sewage Pumps & Sump Pumps * Corrosive-Resistant Waste Piping * Compressed Air * Service Plumbing

Plumbing Level 3: 162.5 hours Level 3 Tuition: \$2,600.00 Level 3 Textbook: \$135.00



Accredited Training Unit

GCA TRADES ACADEMY OFFICE:

718 N. Marine Corps Drive, Suite 201
Tamuning, Guam 96913-4425
(671) 647-4842/3
(671) 647-4866 (facsimile)

BARRIGADA TRAINING FACILITY:

196 East Route 8
Barrigada, Guam
September 2019

Plumbing Level 4 (2014):

Business Principals for Plumbers * Fundamentals of Crew Leadership * Water Pressure Booster & Recirculation Systems * Indirect & Special Waste * Hydronic & Solar Heating Systems * Codes * Servicing Piping Systems, Fixtures, & Appliances * Private Water Supply Well Systems * Private Waste Disposal Systems * Swimming Pools & Hot Tubs * Plumbing for Mobile Homes & Travel Trailers * Introduction to Medical Gas & Vacuum Systems

Plumbing Level 4:	147.5 hours	Level 4 Tuition:	\$2,360.00	Level 4 Textbook:	\$135.00
Total Plumbing Program:	710 hours	Total Program Tuition:	\$11,360.00	Total Textbook Cost:	\$595.00

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