

# Certificate in Plumbing Technology CT-PLUMB

## PROGRAMME OVERVIEW

Developed with the assistance of employers in this field, this competency-based, modularised programme usually takes two years to complete. Students will experience lectures, practical assignments and self-directed activities as they progress through the modules, working with an instructor and being evaluated on a skills basis. Graduates will be able to sit the City and Guilds Scheme 6129 examinations and also meet the National Training Board (NTB) and National Centre for Construction Education and Research (NCCER) standards for entering the plumbing trade.

**Prerequisite:** NCCER Core (8CR)

*(Please see NCCER Courses on pg. 104)*

## CURRICULUM

**TOTAL CREDITS: 58**

### YEAR 1

#### First Semester - 17 credits

		Credits
CSC 1110	Learning Strategies for Student Success	1
CSM 1101	Computer Skill Module	2
ENG 1044	Communications for Industry I	3
MAT 0014	Preparatory College Mathematics I or	3
TMM 1001	Technical Math I	
PLM 1101	Introduction to the Plumbing Profession, Safety and Tools	4
PLM 1102	Plastic Pipe, Copper, Cast Iron, Steel Pipe and Fittings	2
PLM 1103	Fixtures and Faucets, Drain, Waste and Vent Systems, Water Distribution Systems	2

#### Second Semester - 16 credits

MAT 0015	Preparatory College Mathematics II or	3
ENG 1045	Communications for Industry II	3
TMM 1002	Technical Math II	
PLM 1104	Commercial Drawings, Hangers and Supports, Installing DWV Piping	4
PLM 1105	Types of Valves, Installing Water Supply Piping, Installing Fixtures and Faucets	3
PLM 1106	Installing Water Heaters, Servicing Fixtures, Valves, and Faucets	3

### YEAR 2

#### First Semester - 13 credits

PLM 2107	Sizing Water Supply Piping, Potable Water Treatment	3
PLM 2108	Backflow Preventers, Types of Venting, Sizing DWV Systems	4
PLM 2109	Sewage Pumps, Compressed Air	2
TSM 1101	Technical Science I	4

#### Second Semester - 12 credits

TSM 1102	Technical Science II	4
PLM 2110	Business Principles for Plumbers, Water Pressure Systems	3
PLM 2111	Codes, Private Water Supply Well Systems	3
PLM 2112	Swimming Pools and Hot Tubs, Plumbing for Mobile Homes	2