

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 a lecturer and being evaluated on a skills basis. Graduates will be able to sit the City and Guilds Scheme 6129 Examinations and also meet the Bermuda National Training Board and the 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: 70

YEAR 1

First Semester - 19 credits

		CREDITS
CSC 1110	Learning Strategies for Student Success	1
ENG 1111	Freshman Composition	3
MAT 1105	College Algebra I	3
CIS 1120	Introduction to Business Applications of Computers	3

Career Concentration:

PLM 1101	Introduction to the Plumbing Profession, Safety and Tools	4
PLM 1102	Plastic Pipe, Copper, Cast Iron, Steel Pipe and Fittings	3
PLM 1103	Fixtures and Faucets, Drain, Waste and Vent Systems, Water Distribution Systems	2

Second Semester - 16 credits

ENG 1115	Writing for Professionals	3
MAT 1141	Pre-Calculus	3

Career Concentration:

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 - 20 credits

MGN 1114	Introduction to Business	3
PED or RSO	Physical Education or Registered Student Organisation	1
PHY 1121	Principles of Physics I	4
Elective	Course in Social Science	3

Career Concentration:

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

Second Semester - 15 credits

MGN 2245	Introduction to Small Business Management	3
PHY 1122	Principles of Physics II	4

Career Concentration:

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

(For a list of Humanities, Social Science and Natural Science options, see page 31.)