

CERTIFICATE

- One year
- Start date varies
- Bonavista Campus

COURSES

CODE	TITLE	Hrs
Block 1 Entry Level		
TS1510	Occupational Health and Safety	6
TS1520	WHMIS	6
TS1530	Standard First Aid	14
PF1340	Tools and Equipment	75
PF1350	Blueprint I (Basic Residential)	30
PF1360	Blueprint II (Advanced Residential/ Light Commercial)	30
PF1370	Rigging	39
PF1380	Introduction to Fuel Brazing and Cutting	45
PF1390	Pipe and Tubing Fundamentals	15
PF1400	Steel Piping	90
PF1410	Copper Piping	45
PF1420	Plastic Piping	45
PF1430	Brass Piping	15
PF1440	Piping Valves	30
PF1450	Hydronic Heating I	60
PF1610	Cast Iron Piping	18
PF1620	Non-Metallic Piping	6
PF1630	Water Service	6
PF1640	Hot and Cold Water Supply	30
PF1650	Hot Water Storage Tanks and Heaters	18
PF1660	Water Treatment Systems	6
PF1670	Residential Sanitary Drainage	60
PF1680	Residential Venting	45
PF1690	Storm Systems	5
PF1700	Commercial Drainage, Waste and Venting I	21
PF1710	Residential Appliances, Fixtures and Trim	30
PF1720	Rural Waste Disposal	15
PF1730	Introduction to Electric Welding	30
MA1060	Basic Math	60
CM2150	Workplace Communications	45
MR1220	Customer Service	30
SP2330	Quality Assurance / Quality Control	30
MC1050	Introduction to Computers	30
SD1700	Workplace Skills	30
SD1710	Job Search Techniques	15
SD1720	Entrepreneurial Awareness	15
Block 2 Advanced Level		
PF2100	Blueprint III (Heavy Commercial / Industrial)	30
PF2110	Aluminum Piping	9
PF2120	Hydronic Heating II	60
PF2130	Introduction to Electricity	15
PF2150	Introduction to Gas Piping I (Low Pressure)	30
PF2160	Standpipe Systems	12
PF2170	Medical Gas Systems	21
PF2250	Fire Protection Systems	6
PF2260	Residential Sprinkler Systems	6
PF2270	Commercial Drainage, Waste and Venting II	21
PF2280	Commercial Appliances, Fixtures and Trim	30
Block 3 Advanced Level		
PF2310	Cross Connection Control Devices	45
PF2320	Introduction to Gas Piping II (High Pressure)	30
PF2510	Compressed Air and Vacuum Systems	21
PF2520	Chilled Water Systems	12
PF2530	Solar Heating Systems	6
PF2540	Rural Water Supply	45
PF2550	Historic Piping	6
PF2560	Food Processing Systems	6
PF2570	Commercial Drainage, Waste and Venting III	33
PF2580	Industrial / Commercial Appliances, Fixtures and Trim	18
PF2590	Lawn Sprinkler Systems	6
PF2600	Swimming Pool Systems	12

INDUSTRIAL TRADES

Plumber

This is a program designed to prepare persons for employment in the plumbing and domestic heating occupations.

The Provincial Apprenticeship and Certification Board through legislative authority is responsible for the registration of apprentices and trade qualifiers into the designated occupations.

The registration of an apprentice will take place when an individual is employed in a field of work directly relating to a designated occupation, and has a Memorandum of Understanding (MOU) signed between the Division of Institutional and Industrial Education, an employer and the apprentice.

After successful completion of this program, and the required work experience, the apprentices qualify to return to complete advanced level training in preparation for writing the Journeyman's Examination.

OBJECTIVES

1. To provide the appropriate learning opportunities required for employment.
2. To assist students with the development of appropriate attitudes and behaviour that are conducive to working with other persons in this occupation.

3. To develop and strengthen related knowledge and skills in subjects that complement and support the trade.

ENTRANCE REQUIREMENTS

Comprehensive Arts and Science Certificate (College Transition program),

OR

High School Graduation,

OR

Grade XI Certificate (Public Examinations or equivalent),

OR

Adult Basic Education (Level III) Graduation,

OR

Adult Basic Education (Level III) Graduation with General College Profile (or Business Related College Profile or Degree and Technical Profile). It is strongly recommended that courses include the following:

1. Mathematics MA3107A, MA3107B, MA3107C
2. Science 3101, 3102, 3103

OR

Persons 19 years of age or older who do not possess the educational prerequisite for this program may be considered on an individual basis under the Mature Student Clause.

