

ASEP - GM Automotive Service Education Program

Class 14-N3	7 week session, NSCC - Akerley Campus	Sept 02 - Oct 17, 2008
Class 15-P1	7 week session, NSCC - Akerley Campus	Oct 27 - Dec 12, 2008
Class 14-N4	7 week session, NSCC - Akerley Campus	Jan 05 - Feb 20, 2009
Class 15-P2	7 week session, NSCC - Akerley Campus	Mar 09 - Apr 24, 2009

Automotive Service Technician

Note: The Automotive Service Technician curriculum has undergone review and revision, and the new curriculum is being gradually introduced into the program. Level 1 and 2 were formerly called Group A and B.

Automotive Service Technician courses available on-line at NSCC Virtual Campus

ASTA 0801	Fundamental Shop Skills	ASTA 1808	Vehicle Alignments
ASTA 1802	Wheels, Tires and Suspension Systems	ASTA 1809	Drive Lines and Components
MPOA 1800	Basic Welding	ASTA 1823	Vehicle Inspections
ASTA 1803	Basic Electrical / Electronic Systems	ASTA 1810	Clutches and Manual Transmissions
ASTA 1813	Brake Systems	ASTA 1811	Transfer Cases and Hub Assemblies
ASTA 1807	Steering Systems	ASTA 1824	Engine Management and Diagnostic Systems
ASTA 1851	Engine Principles and Fuel Delivery Systems	ASTA 1812	Automatic Transmission Control and Servicing
ASTA 1817	Engine Cooling and Lubrication	ASTA 1818	Engine Diagnosis, Service and Repair
ASTA 1821	Air and Fuel Delivery Systems	ASTA 1819	Diesel Engines
ASTA 1804	Starting and Charging Systems	ASTA 1814	ABS/Traction Control Systems
ASTA 1820	Exhaust and Emission Control Systems	ASTA 1815	HVAC Systems
ASTA 1805	Ignition Systems		
ASTA 1822	Gas and Fuel Injection Diagnosis		
ASTA 1806	Instrument Accessories and Supplementary Restraint Systems		

Level 1 Dartmouth - NSCC Akerley Campus	Class 1A	Class 1B
ASTA 1831 Fundamental Shop Skills	Nov 03 - Nov 07, 2008	Mar 02 - Mar 06, 2009
ASTA 1832 Chassis Systems 1	Nov 10 - Nov 14, 2008	Mar 09 - Mar 13, 2009
MPOA 1800 Basic Welding	Nov 17 - Nov 21, 2008	Mar 16 - Mar 20, 2009
ASTA 1833 Non-ABS Brake Systems	Nov 24 - Nov 28, 2008	Mar 23 - Mar 27, 2009
ASTA 1834 Electrical and Electronics Systems 1	Dec 01 - Dec 05, 2008	Mar 30 - Apr 03, 2009
ASTA 1835 Maintenance Inspection and Body Adjustment	Dec 08 - Dec 12, 2008	Apr 06 - Apr 09, 2009

Automotive Service Technician

Group B	Dartmouth, NSCC Akerley Campus	Class B1	Class B2
ASTA 1816	Engine Principles	Sept 15 - Sept 19, 2008	Jan 12 - Jan 16, 2009
ASTA 1817	Engine Cooling and Lubrication	Sept 22 - Sept 26, 2008	Jan 19 - Jan 23, 2009
ASTA 1821	Air & Fuel Delivery Systems	Sept 29 - Oct 03, 2008	Jan 26 - Jan 30, 2009
ASTA 1804	Starting and Charging Systems	Oct 06 - Oct 10, 2008	Feb 02 - Feb 06, 2009
ASTA 1820	Exhaust & Emission Control Systems	Oct 14 - Oct 17, 2008	Feb 09 - Feb 13, 2009
ASTA 1805	Ignition Systems	Oct 20 - Oct 24, 2008	Feb 16 - Feb 20, 2009

Group B	Yarmouth, NSCC Burrige Campus	Class B3
ASTA 1816	Engine Principles	Jan 26 - Jan 30, 2009
ASTA 1817	Engine Cooling and Lubrication	Feb 02 - Feb 06, 2009
ASTA 1821	Air & Fuel Delivery Systems	Feb 09 - Feb 13, 2009
ASTA 1804	Starting and Charging Systems	Feb 16 - Feb 20, 2009
ASTA 1820	Exhaust & Emission Control Systems	Feb 23 - Feb 27, 2009
ASTA 1805	Ignition Systems	Mar 02 - Mar 06, 2009

Group B	Truro, NSCC Truro Campus	Class B4
ASTA 1816	Engine Principles	Jan 12 - Jan 16, 2009
ASTA 1817	Engine Cooling and Lubrication	Jan 19 - Jan 23, 2009
ASTA 1821	Air & Fuel Delivery Systems	Jan 26 - Jan 30, 2009
ASTA 1804	Starting and Charging Systems	Feb 02 - Feb 06, 2009
ASTA 1820	Exhaust & Emission Control Systems	Feb 09 - Feb 13, 2009
ASTA 1805	Ignition Systems	Feb 16 - Feb 20, 2009

B - Lite	Dartmouth, NSCC Akerley Campus	Class B-Lite 1	Class B-Lite 2
ASTA 1807	Steering Systems	Jan 19 - Jan 23, 2009	Mar 02 - Mar 06, 2009
ASTA 1821	Air and Fuel Delivery Systems	Jan 26 - Jan 30, 2009	Mar 09 - Mar 13, 2009
ASTA 1820	Exhaust and Emission Control Systems	Feb 02 - Feb 06, 2009	Mar 16 - Mar 20, 2009
ASTA 1805	Ignition Systems	Feb 09 - Feb 13, 2009	Mar 23 - Mar 27, 2009

Automotive Service Technician

Group C	Dartmouth, NSCC Akerley Campus	Class C1	Class C2
ASTA 1822	Gasoline Fuel Injection Systems	Sept 08 - Sept 12, 2008	Oct 27 - Oct 31, 2008
ASTA 1826	Alternative Fuel Systems	Sept 15 - Sept 19, 2008	Nov 03 - Nov 07, 2008
ASTA 1806	Instrument, Accessories & Supplementary Restraint Systems	Sept 22 - Sept 26, 2008	Nov 10 - Nov 14, 2008
ASTA 1808	Vehicle Alignments	Sept 29 - Oct 03, 2008	Nov 17 - Nov 21, 2008
ASTA 1809	Drive Lines and Components	Oct 06 - Oct 10, 2008	Nov 24 - Nov 28, 2008
ASTA 1823	Vehicle Inspections	Oct 14 - Oct 17, 2008	Dec 01 - Dec 05, 2008

Group C	Yarmouth, NSCC Burrige Campus	Class C3
ASTA 1822	Gasoline Fuel Injection Systems	Mar 16 - Mar 20, 2009
ASTA 1826	Alternative Fuel Systems	Mar 23 - Mar 27, 2009
ASTA 1806	Instrument, Accessories & Supplementary Restraint Systems	Mar 30 - Apr 03, 2009
ASTA 1808	Vehicle Alignments	Apr 06 - Apr 09, 2009
ASTA 1809	Drive Lines and Components	Apr 14 - Apr 17, 2009
ASTA 1823	Vehicle Inspections	Apr 20 - Apr 24, 2009

Group C	Dartmouth, NSCC Akerley Campus	Class C4	Class C5
ASTA 1822	Gasoline Fuel Injection Systems	Apr 06 - Apr 09, 2009	Apr 20 - Apr 24, 2009
ASTA 1826	Alternative Fuel Systems	Apr 14 - Apr 17, 2009	Apr 27 - May 01, 2009
ASTA 1806	Instrument, Accessories & Supplementary Restraint Systems	Apr 20 - Apr 24, 2009	May 04 - May 08, 2009
ASTA 1808	Vehicle Alignments	Apr 27 - May 01, 2009	May 11 - May 15, 2009
ASTA 1809	Drive Lines and Components	May 04 - May 08, 2009	May 19 - May 22, 2009
ASTA 1823	Vehicle Inspections	May 11 - May 15, 2009	May 25 - May 29, 2009

Group D	Dartmouth, NSCC Akerley Campus	Class D1	Class D2
ASTA 1810	Clutches and Manual Transmissions	Sept 15 - Sept 19, 2008	Oct 27 - Oct 31, 2008
ASTA 1811	Transfer Cases and Hub Assemblies	Sept 22 - Sept 26, 2008	Nov 03 - Nov 07, 2008
ASTA 1824	Engine Management & Diagnostic Systems	Sept 29 - Oct 03, 2008	Nov 10 - Nov 14, 2008
ASTA 1812	Automatic Transmission Control & Servicing	Oct 06 - Oct 10, 2008	Nov 17 - Nov 21, 2008
ASTA 1825	Automatic Transmission & Transaxle Overhauling	Oct 14 - Oct 17, 2008	Nov 24 - Nov 28, 2008

Automotive Service Technician

Group D	Dartmouth, NSCC Akerley Campus	Class D3	Class D5
ASTA 1810	Clutches and Manual Transmissions	Jan 19 - Jan 23, 2009	Mar 02 - Mar 06, 2009
ASTA 1811	Transfer Cases and Hub Assemblies	Jan 26 - Jan 30, 2009	Mar 09 - Mar 13, 2009
ASTA 1824	Engine Management & Diagnostic Systems	Feb 02 - Feb 06, 2009	Mar 16 - Mar 20, 2009
ASTA 1812	Automatic Transmission Control & Servicing	Feb 09 - Feb 13, 2009	Mar 23 - Mar 27, 2009
ASTA 1825	Automatic Transmission & Transaxle Overhauling	Feb 16 - Feb 20, 2009	Mar 30 - Apr 03, 2009

Group D	Sydney, NSCC Marconi Campus	Class D4
ASTA 1810	Clutches and Manual Transmissions	Jan 19 - Jan 23, 2009
ASTA 1811	Transfer Cases and Hub Assemblies	Jan 26 - Jan 30, 2009
ASTA 1824	Engine Management & Diagnostic Systems	Feb 02 - Feb 06, 2009
ASTA 1812	Automatic Transmission Control & Servicing	Feb 09 - Feb 13, 2009
ASTA 1825	Automatic Transmission & Transaxle Overhauling	Feb 16 - Feb 20, 2009

Group D	Yarmouth, NSCC Burrige Campus	Class D6
ASTA 1810	Clutches and Manual Transmissions	May 04 - May 08, 2009
ASTA 1811	Transfer Cases and Hub Assemblies	May 11 - May 15, 2009
ASTA 1824	Engine Management & Diagnostic Systems	May 19 - May 22, 2009
ASTA 1812	Automatic Transmission Control & Servicing	May 25 - May 29, 2009
ASTA 1825	Automatic Transmission & Transaxle Overhauling	June 1 - June 5, 2009

Group E	Sydney, NSCC Marconi Campus	Class E1
ASTA 1818	Engine Diagnosis, Service and Repair	Mar 02 - Mar 06, 2009
ASTA 1819	Diesel Engines	Mar 09 - Mar 13, 2009
ASTA 1814	ABS / Traction Control Systems	Mar 16 - Mar 20, 2009
ASTA 1815	HVAC Systems	Mar 23 - Mar 27, 2009
ASTA 1830	Program Review	Mar 30 - Apr 03, 2009

Boilermaker

Group E	Dartmouth, NSCC Akerley Campus	Class E2
ASTA 1818	Engine Diagnosis, Service and Repair	Apr 14 - Apr 17, 2009
ASTA 1819	Diesel Engines	Apr 20 - Apr 24, 2009
ASTA 1814	ABS / Traction Control Systems	Apr 27 - May 01, 2009
ASTA 1815	HVAC Systems	May 04 - May 08, 2009
ASTA 1830	Program Review	May 11 - May 15, 2009

Entry Level	6 week session, NSCC Marconi Campus	Class # Entry 1	Mar 30 - May 8, 2009
		Class # Entry 2	Mar 30 - May 8, 2009
		Class # Entry 3	May 11 - Jun 19, 2009
Level 1	6 week session, NSCC Marconi Campus	Class # 1A	Feb 16 - Mar 27, 2009
		Class # 1B	Feb 16 - Mar 27, 2009
Level 2	6 week session, NSCC Marconi Campus	Class # 2A	Jan 05 - Feb 13, 2009
		Class # 2B	Jan 05 - Feb 13, 2009
Level 3	6 week session, NSCC Marconi Campus	Class # 3A	Nov 10 - Dec 19, 2009
		Class # 3B	Nov 10 - Dec 19, 2009

Bricklayer / Restoration Stonemason

Group A	Dartmouth, NSCC Gate Site	Class A1
BRKA 0801	Safety / Rigging and Scaffolding	Apr 06 - Apr 09, 2009
BRKA 0802	Intro to National Building Code / Tools & Equipment	Apr 14 - Apr 17, 2009
BRKA 1803	Masonry Units/Anchors, Ties & Joint Reinforcement	Apr 20 - Apr 24, 2009
BRKA 1804	Mortars, Grouting and Parging	Apr 27 - May 01, 2009
BRKA 1805	Laying Brick and Block to Line	May 04 - May 08, 2009

Group B	Dartmouth, NSCC Gate Site	Class B1
BRKA 1806	Blueprint Reading / Leads	6 week session, Nov 03 - Dec 12, 2008
BRKA 1807	Concrete Block Foundations	
BRKA 1808	Concrete Block Walls	
BRKA 1809	Non-Load Bearing / Load Bearing Walls	
BRKA 1810	Cavity / Composite Walls	
BRKA 1818	Stone Masonry / Restoration / Repair & Repointing	

Bricklayer

Group C	Dartmouth, NSCC Gate Site	Class C1
BRKA 1815	Fireplaces	6 week session, Jan 5 - Feb 6, 2009
BRKA 1814	Chimneys	
BRKA 1813	Openings and Frames / Arches	
BRKA 1811	Reinforced Masonry / Partitions	
BRKA 1812	Wall Extensions and Openings	

Group D	Dartmouth, NSCC Gate Site	Class D1
BRKA 1818	Stone Masonry / Restoration / Repair and Repointing	5 week session, Feb 16 - Mar 20, 2009
BRKA 1816	Barbeques / Steps and Patios	
BRKA 1817	Refractory / Glass Blocks	
BRKA 1819	Prefabrication/Contracting and Record Keeping	
BRKA 1820	Program Review	

Restoration Stonemason

Group C	Dartmouth, NSCC Gate Site	Class C1
	6 week session	6 week session, Sep 22 - Oct 31, 2008

Carpenter

Carpenter courses available on-line at NSCC Virtual Campus			
CARA 0800	Construction Safety	CARA 1808	Interior Trim
CARA 0801	Carpentry Tools	CARA 1809	Common Stairs
CARA 1819	Residential Foundations	CARA 1810	Cabinets and Millwork
CARA 1820	Residential Framing	CARA 1811	Advanced Roofs
CARA 1821	Gable Roofs	CARA 1814	Energy Efficient Construction
CARA 1803	Equal Slope Hip Roofs	CARA 1817	Renovations
CARA 1804	Intersecting Roofs of Equal Pitch	CARA 1812	Advanced Stairs
CARA 1805	Exterior Finishes	CARA 1813	Heavy/Commercial Construction
CARA 1806	Exterior Siding/Cladding		
CARA 1807	Residential Floor, Wall & Ceiling Coverings		

Carpenter

Group A	Sydney, NSCC Marconi Campus	Class # / Dates
CARA 0800	Construction Safety	Class # A1 Sept 15 - Oct 24, 2008
CARA 0801	Carpentry Tools	
CARA 1819	Residential Foundations	
CARA 1820	Residential Framing	
CARA 0802	Construction Blueprints	

Group A	Halifax, NSCC IT Campus	Class # / Dates
CARA 0800	Construction Safety	Class # A2 Nov 03 - Dec 12, 2008
CARA 0801	Carpentry Tools	Class # A3 Jan 05 - Feb 13, 2009
CARA 1819	Residential Foundations	
CARA 1820	Residential Framing	
CARA 0802	Construction Blueprints	

Group B	Sydney, NSCC Marconi Campus	Class # / Dates
CARA 1821	Gable Roofs	Class # B1 Nov 03 - Dec 05, 2008
CARA 1803	Equal Sloped Hip Roofs	
CARA 1804	Intersecting Roofs of Equal Slope	
CARA 1805	Exterior Finish	
CARA 1806	Exterior Siding / Cladding	

Group B	Halifax, NSCC IT Campus	Class # / Dates
CARA 1821	Gable Roofs	Class # B2 Nov 10 - Dec 12, 2008
CARA 1803	Equal Sloped Hip Roofs	Class # B3 Jan 12 - Feb 13, 2009
CARA 1804	Intersecting Roofs of Equal Slope	
CARA 1805	Exterior Finish	
CARA 1806	Exterior Siding / Cladding	

Carpenter

Group C	Sydney, NSCC Marconi Campus	Class # / Dates
CARA 1807	Floor, Wall and Ceiling Coverings	Class # C1 Jan 12 - Feb 13, 2009
CARA 1808	Interior Doors and Trim	
CARA 1809	Common Stairs	
CARA 1811	Advanced Roofs	
CARA 1810	Cabinets and Millwork	

Group C	Yarmouth, NSCC Burrige Campus	Class # / Dates
CARA 1807	Floor, Wall and Ceiling Coverings	Class # C2 Feb 09 - Mar 13, 2009
CARA 1808	Interior Doors and Trim	
CARA 1809	Common Stairs	
CARA 1811	Advanced Roofs	
CARA 1810	Cabinets and Millwork	

Group C	Halifax, NSCC IT Campus	Class # / Dates
CARA 1807	Floor, Wall and Ceiling Coverings	Class # C3 Feb 23 - Mar 27, 2009
CARA 1808	Interior Doors and Trim	Class # C4 Apr 14 - May 15, 2009
CARA 1809	Common Stairs	
CARA 1811	Advanced Roofs	
CARA 1810	Cabinets and Millwork	

Group D	Sydney, NSCC Marconi Campus	Class # / Dates
CARA 1814	Energy Efficient Construction	Class # D1 Feb 23 - Apr 03, 2009
CARA 1817	Renovation	
CARA 1812	Advanced Stairs	
CARA 1813	Heavy / Commercial Construction	
CARA 1815	Commercial Blueprint Reading & Estimating	
CARA 1825	Program Review	

Carpenter

Group D	Halifax, NSCC IT Campus	Class # / Dates
CARA 1814	Energy Efficient Construction	Class # D2 Feb 23 - Apr 03, 2009
CARA 1817	Renovation	Class # D4 Apr 06 - May 15, 2009
CARA 1812	Advanced Stairs	
CARA 1813	Heavy / Commercial Construction	
CARA 1815	Commercial Blueprint Reading & Estimating	
CARA 1825	Program Review	

Group D	Yarmouth, NSCC Burrige Campus	Class # / Dates
CARA 1814	Energy Efficient Construction	Class # D3 Mar 23 - May 01, 2009
CARA 1817	Renovation	
CARA 1812	Advanced Stairs	
CARA 1813	Heavy / Commercial Construction	
CARA 1815	Commercial Blueprint Reading & Estimating	
CARA 1825	Program Review	

Cook

Cook courses available on-line at NSCC Virtual Campus			
COOA 0802	Health and Safety	COOA 1806	Meat, Poultry and Game Preparation
COOA 1817	Basic Cooking Principles	COOA 1807	Fish and Seafood
COOA 1818	Vegetable and Starch Cookery	COOA 1812	Baking and Deserts 2
COOA 1808	Cold Kitchen 1	COOA 0801	Human Relations
COOA 1811	Baking and Deserts 1	COOA 1809	Cold Kitchen 2
COOA 1810	Eggs and Breakfast Cookery	COOA 1813	Baking and Deserts 3
COOA 1803	Stock and Soups	COOA 1816	Food Service Management 1 (Costing)
COOA 1804	Sauces	COOA 1814	Food Service Management 2A (Nutrition)
COOA 1805	Meat, Poultry and Game Cutting	COOA 1815	Food Service Management 2B (Menu)

Cook

Group A	Sydney, NSCC Marconi Campus	Class A1
COOA 0802	Health and Safety	Jan 19 - Jan 23, 2009
COOA 1817	Basic Cooking Principles	Jan 26 - Jan 30, 2009
COOA 1818	Vegetable and Starch Cookery	Feb 02 - Feb 06, 2009
COOA 1808	Cold Kitchen 1	Feb 09 - Feb 13, 2009
COOA 1811	Baking and Desserts 1	Feb 16 - Feb 20, 2009
COOA 1810	Egg and Breakfast Cookery	Feb 23 - Feb 27, 2009

Group A	Dartmouth, NSCC Akerley Campus	Class A2
COOA 0802	Health and Safety	Mar 09 - Mar 13, 2009
COOA 1817	Basic Cooking Principles	Mar 16 - Mar 20, 2009
COOA 1818	Vegetable and Starch Cookery	Mar 23 - Mar 27, 2009
COOA 1808	Cold Kitchen 1	Mar 30 - Apr 03, 2009
COOA 1811	Baking and Desserts 1	Apr 06 - Apr 09, 2009
COOA 1810	Egg and Breakfast Cookery	Apr 14 - Apr 17, 2009

Group B	Dartmouth, NSCC Akerley Campus	Class B1
COOA 1803	Stock and Soups	Oct 27 - Oct 31, 2008
COOA 1804	Sauces	Nov 03 - Nov 07, 2008
COOA 1805	Meat, Poultry and Game Cutting	Nov 10 - Nov 14, 2008
COOA 1806	Meat, Poultry and Game Preparation	Nov 17 - Nov 21, 2008
COOA 1807	Fish and Seafood	Nov 24 - Nov 28, 2008
COOA 1812	Baking and Desserts 2	Dec 01 - Dec 05, 2008

Group C	Dartmouth, NSCC Akerley Campus	Class C1
COOA 0801	Human Relations	Jan 12 - Jan 16, 2009
COOA 1809	Cold Kitchen 2	Jan 19 - Jan 23, 2009
COOA 1813	Baking and Desserts 3	Jan 26 - Jan 30, 2009
COOA 1816	Food Service Management 1 (Costing)	Feb 02 - Feb 06, 2009
COOA 1814	Food Service Management 2A (Nutrition)	Feb 09 - Feb 13, 2009
COOA 1815	Food Service Management 2B (Menu / Practical)	Feb 16 - Feb 20, 2009
COOA 1819	Program Review	Feb 23 - Feb 27, 2009

Cook

Group C	Sydney, NSCC Marconi Campus	Class C2
COOA 0801	Human Relations	Mar 16 - Mar 20, 2009
COOA 1809	Cold Kitchen 2	Mar 23 - Mar 27, 2009
COOA 1813	Baking and Desserts 3	Mar 30 - Apr 03, 2009
COOA 1816	Food Service Management 1 (Costing)	Apr 06 - Apr 09, 2009
COOA 1814	Food Service Management 2A (Nutrition)	Apr 14 - Apr 17, 2009
COOA 1815	Food Service Management 2B (Menu / Practical)	Apr 20 - Apr 24, 2009
COOA 1819	Program Review	Apr 27 - May 01, 2009

Construction and Industrial Electrician

Construction/Industrial Electrician courses available on-line at NSCC Virtual Campus			
ELEA 0801	Safety Practices / Building Codes	ELEA 1813	High-Voltage Systems
ELEA 0802	Generic Blueprint	ELEA 1812	Transformers
ELEA 1804	Tools and Equipment	ELEA 1814	DC Machines and Controls
ELEA 1805	DC Theory / Series and Parallel Circuits	ELEA 1816	AC Generators / Three-Phase Motors
ELEA 1806	Conductors, Cables and Voltage Drop	ELEA 1815	Single Phase Motors
ELEA 1824	Fundamental Wiring	ELEA 1817	Motor Starters / Control Devices
ELEA 1807	Raceway Installation	ELEA 1833	Three-Phase Service Entrance
ELEA 1834	Single-Phase Theory I	ELEA 1822	Trouble Shooting / Electrical Blueprints
ELEA 1831	Single-Phase Theory II	ELEA 1819	Power Supply / Rectification / Control Circuits
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	ELEA 1820	Solid State Drives
ELEA 1810	Distribution Equipment / Protective Devices	ELEA 1823	Emergency Standby / Communications Systems
ELEA 1825	Lighting and Controls	ELEA 1818	Programmable Logic Controllers
ELEA 1808	Heating Systems	ELEA 1821	Signalling Systems
ELEA 1832	Single-Phase Service Entrance		

Group A	Halifax, NSCC IT Campus	Class # and Dates
ELEA 0801	Safety Practices / Building Codes	
ELEA 0802	Generic Blueprint	(7 week session)
ELEA 1804	Tools and Equipment	
ELEA 1805	DC Theory / Series and Parallel Circuits	A1 Sept 02 - Oct 17, 2008
ELEA 1806	Conductors, Cables and Voltage Drop	A4 Jan 05 - Feb 20, 2009
ELEA 1824	Fundamental Wiring	A5 Mar 09 - Apr 24, 2009
ELEA 1807	Raceway Installation	A6 May 04 - June 19, 2009

Construction and Industrial Electrician

Group A	Sydney, NSCC Marconi Campus	Class A2
ELEA 0801	Safety Practices / Building Codes	Sept 8 - Sept 12, 2008
ELEA 0802	Generic Blueprint	Sept 15 - Sept 19, 2008
ELEA 1804	Tools and Equipment	Sept 22 - Sept 26, 2008
ELEA 1805	DC Theory / Series and Parallel Circuits	Sept 29 - Oct 03, 2008
ELEA 1806	Conductors, Cables and Voltage Drop	Oct 06 - Oct 10, 2008
ELEA 1824	Fundamental Wiring	Oct 14 - Oct 17, 2008
ELEA 1807	Raceway Installation	Oct 20 - Oct 24, 2008

Group A	Kentville, NSCC Kingstec Campus	Class A3
ELEA 0801	Safety Practices / Building Codes	Oct 27 - Oct 31, 2008
ELEA 0802	Generic Blueprint	Nov 03 - Nov 07, 2008
ELEA 1804	Tools and Equipment	Nov 10 - Nov 14, 2008
ELEA 1805	DC Theory / Series and Parallel Circuits	Nov 17 - Nov 21, 2008
ELEA 1806	Conductors, Cables and Voltage Drop	Nov 24 - Nov 28, 2008
ELEA 1824	Fundamental Wiring	Dec 01 - Dec 05, 2008
ELEA 1807	Raceway Installation	Dec 08 - Dec 12, 2008

Group B	Halifax, NSCC IT Campus	Class # and Dates
ELEA 1834	Single-Phase Theory I	(7 week session)
ELEA 1831	Single-Phase Theory II	B1 Sept 02 - Oct 17, 2008
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	B2 Oct 27 - Dec 12, 2008
ELEA 1810	Distribution Equipment / Protective Devices	B3 Oct 27 - Dec 12, 2008
ELEA 1825	Lighting and Controls	B6 Jan 05 - Feb 20, 2009
ELEA 1808	Heating Systems	B7 Jan 05 - Feb 20, 2009
ELEA 1832	Single-Phase Service Entrance	B9 Mar 09 - Apr 24, 2009
		B10 May 04 - June 19, 2009

Construction and Industrial Electrician

Group B	Yarmouth, NSCC Burrige Campus	Class B4
ELEA 1834	Single-Phase Theory I	Oct 27 - Oct 31, 2008
ELEA 1831	Single-Phase Theory II	Nov 03 - Nov 07, 2008
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Nov 10 - Nov 14, 2008
ELEA 1810	Distribution Equipment / Protective Devices	Nov 17 - Nov 21, 2008
ELEA 1825	Lighting and Controls	Nov 24 - Nov 28, 2008
ELEA 1808	Heating Systems	Dec 01 - Dec 05, 2008
ELEA 1832	Single-Phase Service Entrance	Dec 08 - Dec 12, 2008

Group B	Sydney, NSCC Marconi Campus	Class B5
ELEA 1834	Single-Phase Theory I	Nov 03 - Nov 07, 2008
ELEA 1831	Single-Phase Theory II	Nov 10 - Nov 14, 2008
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Nov 17 - Nov 21, 2008
ELEA 1810	Distribution Equipment / Protective Devices	Nov 24 - Nov 28, 2008
ELEA 1825	Lighting and Controls	Dec 01 - Dec 05, 2008
ELEA 1808	Heating Systems	Dec 08 - Dec 12, 2008
ELEA 1832	Single-Phase Service Entrance	Dec 15 - Dec 19, 2008

Group B	Kentville, NSCC Kingstec Campus	Class B8
ELEA 1834	Single-Phase Theory I	Jan 05 - Jan 09, 2009
ELEA 1831	Single-Phase Theory II	Jan 12 - Jan 16, 2009
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Jan 19 - Jan 23, 2009
ELEA 1810	Distribution Equipment / Protective Devices	Jan 26 - Jan 30, 2009
ELEA 1825	Lighting and Controls	Feb 02 - Feb 06, 2009
ELEA 1808	Heating Systems	Feb 09 - Feb 13, 2009
ELEA 1832	Single-Phase Service Entrance	Feb 16 - Feb 20, 2009

Construction and Industrial Electrician

Group C	Halifax, NSCC IT Campus	Class # and Dates
ELEA 1813	High-Voltage Systems	(7 week sessions)
ELEA 1812	Transformers	C1 Sept 02 - Oct 17, 2008
ELEA 1814	DC Machines and Controls	C2 Oct 27 - Dec 12, 2008
ELEA 1816	AC Generators / Three-Phase Motors	C3 Jan 05 - Feb 20, 2009
ELEA 1815	Single Phase Motors	C7 Mar 09 - Apr 24, 2009
ELEA 1817	Motor Starters / Control Devices	C8 Mar 09 - Apr 24, 2009
ELEA 1833	Three-Phase Service Entrance	C9 May 04 - June 19, 2009

Group C	Sydney, NSCC Marconi Campus	Class C4
ELEA 1813	High-Voltage Systems	Jan 12 - Jan 16, 2009
ELEA 1812	Transformers	Jan 19 - Jan 23, 2009
ELEA 1814	DC Machines and Controls	Jan 26 - Jan 30, 2009
ELEA 1816	AC Generators / Three-Phase Motors	Feb 02 - Feb 06, 2009
ELEA 1815	Single Phase Motors	Feb 09 - Feb 13, 2009
ELEA 1817	Motor Starters / Control Devices	Feb 16 - Feb 20, 2009
ELEA 1833	Three-Phase Service Entrance	Feb 23 - Feb 27, 2009

Group C	Yarmouth, NSCC Burrige Campus	Class C5
ELEA 1813	High-Voltage Systems	Feb 09 - Feb 13, 2009
ELEA 1812	Transformers	Feb 16 - Feb 20, 2009
ELEA 1814	DC Machines and Controls	Feb 23 - Feb 27, 2009
ELEA 1816	AC Generators / Three-Phase Motors	Mar 02 - Mar 06, 2009
ELEA 1815	Single Phase Motors	Mar 09 - Mar 13, 2009
ELEA 1817	Motor Starters / Control Devices	Mar 16 - Mar 20, 2009
ELEA 1833	Three-Phase Service Entrance	Mar 23 - Mar 27, 2009

Construction and Industrial Electrician

Group C	Kentville, NSCC Kingstec Campus	Class C6
ELEA 1813	High-Voltage Systems	Mar 02 - Mar 06, 2009
ELEA 1812	Transformers	Mar 09 - Mar 13, 2009
ELEA 1814	DC Machines and Controls	Mar 16 - Mar 20, 2009
ELEA 1816	AC Generators / Three-Phase Motors	Mar 23 - Mar 27, 2009
ELEA 1815	Single Phase Motors	Mar 30 - Apr 03, 2009
ELEA 1817	Motor Starters / Control Devices	Apr 06 - Apr 09, 2009
ELEA 1833	Three-Phase Service Entrance	Apr 14 - Apr 17, 2009

Group D	Halifax, NSCC IT Campus	Class # and Dates
ELEA 1822	Trouble Shooting / Electrical Blueprints	(7 week session)
ELEA 1819	Power Supply / Rectification / Control Circuits	D1 Sept 08 - Oct 24, 2008
ELEA 1820	Solid State Drives	D2 Sept 08 - Oct 24, 2008
ELEA 1823	Emergency Standby / Communications Systems	D3 Jan 05 - Feb 20, 2009
ELEA 1818	Programmable Logic Controllers	D4 Mar 09 - Apr 24, 2009
ELEA 1821	Signalling Systems	D8 May 04 - June 19, 2009
ELEA 1835	Program Review	D9 May 04 - June 19, 2009

Group D	Sydney, NSCC Marconi Campus	Class D5
ELEA 1822	Trouble Shooting / Electrical Blueprints	Mar 09 - Mar 13, 2009
ELEA 1819	Power Supply / Rectification / Control Circuits	Mar 16 - Mar 20, 2009
ELEA 1820	Solid State Drives	Mar 23 - Mar 27, 2009
ELEA 1823	Emergency Standby / Communications Systems	Mar 30 - Apr 03, 2009
ELEA 1818	Programmable Logic Controllers	Apr 06 - Apr 09, 2009
ELEA 1821	Signalling Systems	Apr 14 - Apr 17, 2009
ELEA 1835	Program Review	Apr 20 - Apr 24, 2009

Construction and Industrial Electrician

Group D	Yarmouth, NSCC Burrige Campus	Class D6
ELEA 1822	Trouble Shooting / Electrical Blueprints	Apr 06 - Apr 09, 2009
ELEA 1819	Power Supply / Rectification / Control Circuits	Apr 14 - Apr 17, 2009
ELEA 1820	Solid State Drives	Apr 20 - Apr 24, 2009
ELEA 1823	Emergency Standby / Communications Systems	Apr 27 - May 01, 2009
ELEA 1818	Programmable Logic Controllers	May 04 - May 08, 2009
ELEA 1821	Signalling Systems	May 11 - May 15, 2009
ELEA 1835	Program Review	May 19 - May 22, 2009

Group D	Kentville, NSCC Kingstec Campus	Class D7
ELEA 1822	Trouble Shooting / Electrical Blueprints	Apr 27 - May 01, 2009
ELEA 1819	Power Supply / Rectification / Control Circuits	May 04 - May 08, 2009
ELEA 1820	Solid State Drives	May 11 - May 15, 2009
ELEA 1823	Emergency Standby / Communications Systems	May 19 - May 22, 2009
ELEA 1818	Programmable Logic Controllers	May 25 - May 29, 2009
ELEA 1821	Signalling Systems	June 1 - June 5, 2009
ELEA 1835	Program Review	June 8 - June 12, 2009

Industrial Electrician

Industrial Electrician courses available on-line at NSCC Virtual Campus	
IELA 1826	Hydraulic / Pneumatic Systems
IELA 1828	Process Control / Distributed Control Systems
IELA 1827	Servomechanisms / Analogue Devices
IELA 1830	Boiler Controls & Air Conditioning
IELA 1829	Precipitators/Vibration Analysis/Energy Management

Industrial Electrician

Group E	Halifax, NSCC IT Campus	Class E1
IELA 1826	Hydraulic / Pneumatic Systems	Nov 03 - Nov 07, 2008
IELA 1828	Process Control / Distributed Control Systems	Nov 10 - Nov 14, 2008
IELA 1827	Servomechanisms / Analogue Devices	Nov 17 - Nov 21, 2008
IELA 1830	Boiler Controls & Air Conditioning	Nov 24 - Nov 28, 2008
ELA 1829	Precipitators/Vibration Analysis/Energy Mgt	Dec 01 - Dec 05, 2008
IELA 1836	Program Review	Dec 08 - Dec 12, 2008

Document Use Refresher

<p>The Document Use Refresher will be offered 1 night per week:</p> <p>Fall Session: Oct 13 to Nov 21, 2008 Winter Session: Jan 12 to Feb 20, 2009</p> <p>Locations: NSCC Burr ridge Campus NSCC Kingstec Campus NSCC IT Campus NSCC Marconi Campus NSCC Pictou Campus</p>	<p>Please indicate your interest in the document use refresher course on the training enrollment form included with this schedule.</p>
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Gas Fitter

Gas Fitter courses available on-line at NSCC Virtual Campus	
Gas Fitter 3	Apprenticeship
GF3A 0801	Safety, Policies and Regulations
GF3A 0802	Tools, Equipment and Piping
GF3A 0803	Properties and Safe Handling of Propane
GF3A 0804	Electrical
GF3A 0805	Technical Manuals, Specifications and Drawings
GF3A 0806	Gas Appliances
Gas Fitter 3	Section 30 - Trade Qualifier
GFM 01	Safety
GFM 02	Fasteners, Tools and Testing Instruments
GFM 03	Properties, Characteristics, and Safe Handling of Fuel Gases
GFM 04	Utilization Codes, Acts, and Regulations
GFM 05	Introduction to Electricity
GFM 06	Technical Manuals, Specifications, Drawings and Graphs
GFM 07	Customer Relations
GFM 08	Introduction to Piping and Tubing Systems
GFM 09	Introduction to Gas Appliances

Gas Fitter

Gas Fitter courses available on-line at NSCC Virtual Campus

Gas Fitter 2	Apprenticeship
GF2A 0801	Piping and Tubing Systems for Industrial and Commercial Applications
GF2A 0802	Basic Electricity
GF2A 0803	Controls
GF2A 0804	Gas Appliances
GF2A 0805	Forced Air Systems
GF2A 0806	Hydronic and Domestic Water Heat
GF2A 0807	Building Science and Air Handling

Gas Fitter 2	Section 30 - Trade Qualifier
GFM 10	Piping and Tubing Systems for Industrial and Commercial Applications
GFM 11	Basic Electricity
GFM 12	Controls
GFM 13	The Building as a System
GFM 14	Domestic Appliances
GFM 15	Pressure Regulators, Meters and Fuel Containers
GFM 16	Domestic Gas-Fired Refrigerators
GFM 17	Conversion Burners
GFM 18	Water Heaters and Combination Systems
GFM 19	Forced Warm-Air Heating Systems
GFM 20	Hydronic Heating Systems
GFM 21	Space Heaters and Decorative Appliances
GFM 22	Venting Practices
GFM 23	Forced Air Add-on Devices
GFM 24	Air Handling

Gas Fitter 1	Apprenticeship
GF1A 0801	Flame Safeguard
GF1A 0802	Commercial/Industrial Appliances / Commercial Cooking Equipment
GF1A 0803	Gas Fired Air Conditioning
GF1A 0804	Electricity
GF1A 0805	Controls
GF1A 0806	Valve Trains and Burners

Gas Fitter 2	Labs, NSCC Akerley Campus	Gas Fitter labs will be offered one Saturday per month from October 2008 - June 2009:
Gas Fitter 3	Labs, NSCC Akerley Campus	

Heavy Duty Equipment Technician / Truck and Transport Mechanic

Group A	Dartmouth, NSCC Akerley Campus	Class A1	Class A2
IMPA 0801	Fundamental Shop Skills	Jan 12 - Jan 16, 2009	May 04 - May 08, 2009
IMPA 1803	Basic Electrical & Electronic Principles	Jan 19 - Jan 23, 2009	May 11 - May 15, 2009
IMPA 1804	Hydraulics 1	Jan 26 - Jan 30, 2009	May 19 - May 22, 2009
IMPA 1805	Lubricants, Lubrication & Cooling	Feb 02 - Feb 06, 2009	May 25 - May 29, 2009
IMPA 1806	Braking Systems	Feb 09 - Feb 13, 2009	June 1 - June 5, 2009
IMPA 1807	Engine Principles	Feb 16 - Feb 20, 2009	June 8 - June 12, 2009
MPOA 1800	Basic Welding	Feb 23 - Feb 27, 2009	June 15 - June 19, 2009

Group B	Dartmouth, NSCC Akerley Campus	Class B1	Class B2
IMPA 1808	Drive Lines	Sept 15 - Sept 19, 2008	Mar 09 - Mar 13, 2009
IMPA 1809	Ignition Systems	Sept 22 - Sept 26, 2008	Mar 16 - Mar 20, 2009
IMPA 1810	Fuel Systems 1	Sept 29 - Oct 03, 2008	Mar 23 - Mar 27, 2009
IMPA 1811	Intake & Exhaust Systems	Oct 06 - Oct 10, 2008	Mar 30 - Apr 03, 2009
IMPA 1812	Clutches & Manual Transmissions	Oct 14 - Oct 17, 2008	Apr 06 - Apr 10, 2009
IMPA 1813	Starting & Charging Systems	Oct 20 - Oct 24, 2008	Apr 14 - Apr 17, 2009

Group B	Truro, NSCC Truro Campus	Class B3	
IMPA 1808	Drive Lines	Mar 02 - Mar 06, 2009	
IMPA 1809	Ignition Systems	Mar 09 - Mar 13, 2009	
IMPA 1810	Fuel Systems 1	Mar 16 - Mar 20, 2009	
IMPA 1811	Intake & Exhaust Systems	Mar 23 - Mar 27, 2009	
IMPA 1812	Clutches & Manual Transmissions	Mar 30 - Apr 03, 2009	
IMPA 1813	Starting & Charging Systems	Apr 06 - Apr 10, 2009	

Heavy Duty Equipment Technician

Group C	Dartmouth, NSCC Akerley Campus	Class C1
HDEA 1801	Frames & Suspension Systems	Nov 03 - Nov 07, 2008
HDEA 1802	Manual Steering Systems & Front End Alignment	Nov 10 - Nov 14, 2008
HDEA 1803	Power Steering Systems	Nov 17 - Nov 21, 2008
HDEA 1804	Torque Converters & Powershift Transmissions	Nov 24 - Nov 28, 2008
HDEA 1805	Pneumatics	Dec 01 - Dec 05, 2008
HDEA 1806	Hydraulics 2	Dec 08 - Dec 12, 2008
IMPA 1814	Air Conditioning Systems	Dec 15 - Dec 19, 2008

Heavy Duty Equipment Technician

Group D	Dartmouth, NSCC Akerley Campus	Class D1
HDEA 1815	Preventative Maintenance & Inspection	Apr 27 - May 01, 2009
HDEA 1816	Fuel Systems 2	May 04 - May 08, 2009
HDEA 1817	Electronic Control & Monitoring Systems	May 11 - May 15, 2009
HDEA 1818	Engine Diagnosis	May 19 - May 22, 2009
HDEA 1807	Tracked Steering Systems	May 25 - May 29, 2009
HDEA 1808	Attachments, Ground Engaging & Working Tools	June 1 - June 5, 2009
HDEA 1809	Cabs, ROPS & Safety	June 8 - June 12, 2009
HDEA 1819	Program Review	June 15 - June 19, 2009

Truck and Transport Mechanic

Group C	Dartmouth, NSCC Akerley Campus	Class C1	Class C2
TTMA 1801	Frames and Suspension	Sept 8 - Sept 12, 2008	Jan 12 - Jan 16, 2009
TTMA 1802	Wheels, Steering and Alignment	Sept 15 - Sept 19, 2008	Jan 19 - Jan 23, 2009
TTMA 1803	Gasoline Fuel Injection Systems	Sept 22 - Sept 26, 2008	Jan 26 - Jan 30, 2009
TTMA 1804	Automatic Transmissions	Sept 29 - Oct 03, 2008	Feb 02 - Feb 06, 2009
TTMA 1805	Electrical Accessories and Engine Brakes	Oct 06 - Oct 10, 2008	Feb 09 - Feb 13, 2009
TTMA 1806	Dual Air and ABS Brake Systems	Oct 14 - Oct 17, 2008	Feb 16 - Feb 20, 2009
IMPA 1814	Air Conditioning Systems	Oct 20 - Oct 24, 2008	Feb 23 - Feb 27, 2009

Group D	Dartmouth, NSCC Akerley Campus	Class D1	Class D2
TTMA 1815	Preventative Maintenance & Inspection	Nov 03 - Nov 07, 2008	Mar 09 - Mar 13, 2009
TTMA 1816	Fuel Systems 2	Nov 10 - Nov 14, 2008	Mar 16 - Mar 20, 2009
TTMA 1817	Electronic Control & Monitoring Systems	Nov 17 - Nov 21, 2008	Mar 23 - Mar 27, 2009
TTMA 1818	Engine Diagnosis	Nov 24 - Nov 28, 2008	Mar 30 - Apr 03, 2009
TTMA 1819	Program Review	Dec 01 - Dec 05, 2008	Apr 06 - Apr 09, 2009

Truck and Transport Mechanic

Group D	Sydney, NSCC Marconi Campus	Class D3
TTMA 1815	Preventative Maintenance & Inspection	May 04 - May 08, 2009
TTMA 1816	Fuel Systems 2	May 11 - May 15, 2009
TTMA 1817	Electronic Control & Monitoring Systems	May 19 - May 22, 2009
TTMA 1818	Engine Diagnosis	May 25 - May 29, 2009
TTMA 1819	Program Review	June 1 - June 5, 2009

Instrumentation and Control Technician

Level 2	7 week session	Sept 15 - Oct 31, 2008	NBCC Saint John
Level 3	7 week session	Nov 03 - Dec 19, 2008 Apr 27 - June 12, 2009	NBCC Saint John NSCC Marconi Campus
Level 4	7 week session	Jan 05 - Feb 20, 2009	NBCC Saint John
Level 4	7 week session	Jun 15 - Jul 31, 2009	NSCC Marconi Campus

Industrial Mechanic (Millwright)

Group A	Halifax, NSCC IT Campus	Class # / Dates
IMMA 0801	Shop Tools	Class #A1 Oct 27 - Dec 12, 2008
IMMA 1802	Power Tools	
IMMA 0803	Blueprint Reading & Sketching	
IMMA 1805	Rigging	
IMMA 0820	Metallurgy	
IMMA 1806	Machine Shop Fundamentals	
IMMA 1821	Oxy-Fuel / Electric Arc Welding	

Industrial Mechanic (Millwright)

Group B	Halifax, NSCC IT Campus	Class # / Dates
IMMA 1807	Static and Dynamic Seals	Class # B1 Jan 05 -Feb 20, 2009
IMMA 1813	Bearings & Lubrication	Class # B2 Feb 23 - Apr 09, 2009
IMMA 1809	Couplings & Clutches	
IMMA 1810	Gear Drive Units	
IMMA 1812	Conveyors (Material Handling Systems)	
IMMA 1819	Sheaves & Sprockets	
IMMA 1804	Equipment & Mechanical Installation Blueprint	

Group C	Halifax, NSCC IT Campus	Class # / Dates
IMMA 1808	Pumps (Positive and Non-positive)	Class # C1 Jan 05 - Feb 13, 2009
IMMA 1814	Fluid Power 1 (Basic Hydraulics)	Class # C2 Mar 02 - Apr 09, 2009
IMMA 1815	Fluid Power 2 (Control, Circuits & Testing)	
IMMA 1817	Pneumatics	
IMMA 1818	Compressors	
IMMA 1823	Internal Combustion Engines / Basic Electricity	

Group D	Halifax, NSCC IT Campus	Class # / Dates
IMMA 1822	Fans & Boilers	Class # D1 Sept 02 - Oct 17, 2008
IMMA 1811	Alignment 1 (Basic)	Class # D2 Apr 20 - June 05, 2009
IMMA 1828	Alignment 2 (Reverse & Cross, Laser)	
IMMA 1824	Steam & Gas Turbines	
IMMA 1825	Dynamic Balancing / Vibration Analysis / Maintenance Programs	
IMMA 1826	Machinery Installation & Optical Alignment	
IMMA 1830	Program Review	
IMMA 0820	Metallurgy (D1 only)	Class #D1 Oct 20 - Oct 24, 2008

Industrial Mechanic (Millwright)

Group D	Sydney, NSCC Marconi Campus	Class # / Dates
IMMA 1822	Fans & Boilers	Class # D3 May 04 - June 19, 2009
IMMA 1811	Alignment 1 (Basic)	
IMMA 1828	Alignment 2 (Reverse & Cross, Laser)	
IMMA 1824	Steam & Gas Turbines	
IMMA 1825	Dynamic Balancing / Vibration Analysis / Maintenance Programs	
IMMA 1826	Machinery Installation & Optical Alignment	
IMMA 1830	Program Review	

Ironworker

Group A	Stellarton, NSCC Pictou Campus	Class A1
IRWA 0801	Safety / Tools & Equipment	Oct 20 - Oct 24, 2008
IRWA 1802	Rigging 1 (Hardware)	Oct 27 - Oct 31, 2008
IRWA 1803	Rigging 2 (Procedures)	Nov 03 - Nov 07, 2008
IRWA 1804	Conventional & Hydraulic Cranes	Nov 10 - Nov 14, 2008
IRWA 1805	Blueprint 1 (Principles & Structural)	Nov 17 - Nov 21, 2008
IRWA 1806	Oxy-fuel & Plasma Arc Cutting / Structural Steel 1 (Preparation)	Nov 24 - Nov 28, 2008
IRWA 1807	Temporary Access Structures / Pre-engineered Buildings	Dec 01 - Dec 05, 2008
IRWA 1808	Reinforced Concrete 1 (Principles)	Dec 08 - Dec 12, 2008

Group B	Stellarton, NSCC Pictou Campus	Class B1
IRWA 1809	Electric Arc Welding & Arc Air Gouging	Mar 09 - Mar 13, 2009
IRWA 1810	Rigging 3 (Load Handling)	Mar 16 - Mar 20, 2009
IRWA 1811	Structural Steel 2 (Erection)	Mar 23 - Mar 27, 2009
IRWA 1812	Ornamental & Miscellaneous Ironwork	Mar 30 - Apr 03, 2009
IRWA 1813	Tower Cranes	Apr 06 - Apr 09, 2009
IRWA 1814	Pre-cast Concrete	Apr 14 - Apr 17, 2009
IRWA 1815	Reinforced Concrete 2 (Pre-assembly & installation)	Apr 20 - Apr 24, 2009
IRWA 1816	Wooden Structures / Descking & Grating	Apr 27 - May 01, 2009

Ironworker

Group C	Stellarton, NSCC Pictou Campus	Class C1
IRWA 1817	Derricks & EOT Cranes / Falsework	Jan 05 - Jan 09, 2009
IRWA 1818	Blueprint Reading 3 (Rebar)	Jan 12 - Jan 16, 2009
IRWA 1819	Structural Steel 3 (Plumbing & Securing)	Jan 19 - Jan 23, 2009
IRWA 1820	Storage Tanks, Bins & Hoppers / Dismantling	Jan 26 - Jan 30, 2009
IRWA 1821	Job Planning, Coordination & Site Preparation	Feb 02 - Feb 06, 2009
IRWA 1822	Reinforced Concrete 3 (Fabrication)	Feb 09 - Feb 13, 2009
IRWA 1823	Robotic Equipment / Curtain Walls	Feb 16 - Feb 20, 2009
IRWA 1824	Post-Tensioning	Feb 23 - Feb 27, 2009

Machinist

Machinist courses available on-line at NSCC Virtual Campus			
MCHA 0800	Rigging/Fundamental Skills	MCHA 1816	Planning and Measuring / Precision Layout
MCHA 0801	Hand Tools and Basic Layout	MCHA 1815	Spur Gears
MCHA 0802	Machine Shop Measuring	MCHA 1822	Bevel, Helical and Worm Gears
MCHA 0803	Mechanical Drawing	MCHA 1818	Abrasives and Surface Grinders
MCHA 1825	Cutting Fluids and Coolants / Offhand Grinding	MCHA 1819	Cylindrical Grinders and Universal Cutter and Tool Grinder
MCHA 1828	Mechanical Fasteners / Power Transmission / Lubrication	MCHA 1806	Precision Measurement / Boring Mills
MCHA 1829	Material Selection and Heat Treatment / Carbide Tooling	MCHA 1823	Jigs and Fixtures
MCHA 1813	Advanced Lathe Operations	MCHA 1824	Special Processes (EDM)
MCHA 1814	Vertical Milling Machine Operations	MCHA 1820	Numerical Control and CNC
MCHA 1805	Specialty Machinable Materials / Reciprocating Machines	MCHA 1821	CNC Programming
		MCHA 1830	Program Review

Group C	Halifax, NSCC IT Campus	Class # / Dates
MCHA 1828	Mechanical Fasteners / Power Transmission & Lubrication	Class # C1 Nov 10 - Dec 12, 2008
MCHA 1829	Material Selection & Heat Treatment / Carbide Tooling	
MCHA 1813	Advanced Lathe Operations	
MCHA 1814	Vertical Milling Machine Operations	
MCHA 1805	Specialty Machinable Materials / Reciprocating Machines	

Machinist

Group D	Halifax, NSCC IT Campus	Class # / Dates
MCHA 1816	Planning and Measuring / Precision Layout	Class # D1 Jan 05 - Feb 06, 2009
MCHA 1815	Spur Gears	
MCHA 1822	Bevel, Helical and Worm Gears	
MCHA 1818	Abrasives and Surface Grinders	
MCHA 1819	Cylindrical Grinders and Universal Cutter and Tool Grinder	

Group E	Halifax, NSCC IT Campus	Class # / Dates
MCHA 1806	Precision Measurement / Boring Mills	Class # E1 Feb 23 -Apr 03, 2009
MCHA 1823	Jigs and Fixtures	
MCHA 1824	Special Processes (EDM)	
MCHA 1820	Numerical Control & CNC	
MCHA 1821	CNC Programming	
MCHA 1830	Program Review	

Math Refresher

<p>The Math Refresher Course will be offered 2 nights per week:</p> <p>Fall Session: Oct 13 to Nov 21, 2008 Winter Session: Jan 12 to Feb 20, 2009</p> <p>Locations: NSCC Burridge Campus NSCC Kingstec Campus NSCC IT Campus NSCC Marconi Campus NSCC Pictou Campus</p>	<p>Please indicate your interest in the Math Refresher Course on the training enrollment form included with this schedule.</p>
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Metal Fabricator (Fitter)

Level 2	6 week session, NSCC Marconi Campus	Oct 20 - Nov 28, 2008
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Motor Vehicle Body Repairer (Metal and Paint)

Note: The Motor Vehicle Body Repairer (Metal and Paint) curriculum has undergone review and revision, and the new curriculum is being gradually introduced into the program. Level 1 was formerly called Group A.

Level 1	Dartmouth, NSCC Akerley Campus	Level 1
MVBA 0801	Shop and Safety	Sept 29 - Oct 03, 2008
MVBA 1802	Auto Body Welding	Oct 06 - Oct 10, 2008
MVBA 1803	Vehicle Construction	Oct 14 - Oct 17, 2008
MVBA 1828	Metal Working	Oct 20 - Oct 24, 2008
MVBA 1805	Auto Body Preparation	Oct 27 - Oct 31, 2008

Group B	Dartmouth, NSCC Akerley Campus	Class B1
MVBA 1807	Auto Plastics Repair	Nov 10 - Nov 14, 2008
MVBA 1806	Corrosion Protection	Nov 17 - Nov 21, 2008
MVBA 1804	Auto Body Sheet Metal	Nov 24 - Nov 28, 2008
MVBA 1808	Glass and Trim	Dec 01 - Dec 05, 2008

Group C	Dartmouth, NSCC Akerley Campus	Class C1
MVBA 1810	Auto Body Electrical	Mar 16 - Mar 20, 2009
MVBA 1811	Steering, Suspensions, and Mechanical Systems	Mar 23 - Mar 27, 2009
MVBA 1812	Panel Replacement	Mar 30 - Apr 03, 2009
MVBA 1813	Unitized Body and Conventional Frames	Apr 06 - Apr 09, 2009

Group D	Dartmouth, NSCC Akerley Campus	Class D1
MVBA 1814	Unitized Body Repair	Apr 20 - Apr 24, 2009
MVBA 1815	Estimating and Appraisal	Apr 27 - May 01, 2009
MVBA 1809	Refinishing	May 04 - May 08, 2009
MVBA 1830	Program Review	May 11 - May 15, 2009

Oil Burner Mechanic

Oil Burner Mechanic courses available on-line at NSCC Virtual Campus

OBMA 0801	Fundamental Skills
OBMA 0802	Tools and Equipment / Solder Flaring and Threading
OBMA 1804	Combustion and Air Handling
OBMA 1805	Electricity I
OBMA 1806	Electricity II
OBMA 1807	Controls and Wiring
OBMA 1809	Combustion Chambers, Chimneys, Venting and Draft Control
OBMA 1815	Fuel Storage
OBMA 1816	Fuel Delivery Systems
OBMA 1817	Planned Maintenance / Trade Practice
OBMA 1818	Electricity III Electronics and Solid State / Motors

Group A	Dartmouth, NSCC Akerley Campus	Class A1
OBMA 0801	Fundamental Skills	Jan 05 - Jan 09, 2009
OBMA 0802	Tools and Equipment / Soldering, Flaring & Threading	Jan 12 - Jan 16, 2009
OBMA 1815	Fuel Storage	Jan 19 - Jan 23, 2009
OBMA 1816	Fuel Delivery Systems	Jan 26 - Jan 30, 2009
OBMA 1817	Planned Maintenance / Trade Practice	Feb 02 - Feb 06, 2009
OBMA 1804	Combustion & Air Handling	Feb 09 - Feb 13, 2009

Group B	Dartmouth, NSCC Akerley Campus	Class B1
OBMA 1805	Electricity 1 (Principles of Electricity)	Feb 23 - Feb 27, 2009
OBMA 1806	Electricity 2 (Ignition Systems, Electrical Devices and Switches)	Mar 02 - Mar 06, 2009
OBMA 1818	Electricity 3 (Electronics and Solid State) / Motors	Mar 09 - Mar 13, 2009
OBMA 1807	Controls and Wiring	Mar 16 - Mar 20, 2009
OBMA 1809	Combustion Chambers / Chimneys, Venting & Draft Control	Mar 23 - Mar 27, 2009

Group B	Sydney, NSCC Marconi Campus	Class B2
OBMA 1805	Electricity 1 (Principles of Electricity)	May 04 - May 08, 2009
OBMA 1806	Electricity 2 (Ignition Systems, Electrical Devices and Switches)	May 11 - May 15, 2009
OBMA 1818	Electricity 3 (Electronics and Solid State) / Motors	May 19 - May 22, 2009
OBMA 1807	Controls and Wiring	May 25 - May 29, 2009
OBMA 1809	Combustion Chambers / Chimneys, Venting & Draft Control	June 1 - June 5, 2009

Oil Burner Mechanic

Group C	Dartmouth, NSCC Akerley Campus	Class C1
OBMA 1810	Hydronic Heating Systems	Apr 06 - Apr 09, 2009
OBMA 1811	Warm Air Furnaces / Steam Systems	Apr 14 - Apr 17, 2009
OBMA 1812	Domestic Hot Water Heaters / Zoning	Apr 20 - Apr 24, 2009
OBMA 1819	House as a System / Retrofit	Apr 27 - May 01, 2009
OBMA 1808	Specialized Systems / Service & Troubleshooting	May 04 - May 08, 2009
OBMA 1820	Program Review	May 11 - May 15, 2009

Group C	Sydney, NSCC Marconi Campus	Class C2
OBMA 1810	Hydronic Heating Systems	June 15 - June 19, 2009
OBMA 1811	Warm Air Furnaces / Steam Systems	June 22 - June 26, 2009
OBMA 1812	Domestic Hot Water Heaters / Zoning	June 29 - July 03, 2009
OBMA 1819	House as a System / Retrofit	July 06 - July 10, 2009
OBMA 1808	Specialized Systems / Service & Troubleshooting	July 13 - July 17, 2009
OBMA 1820	Program Review	July 20 - July 24, 2009

Painter and Decorator

Group A	Halifax, NSCC IT Campus	Class A1
PADA MATH	Math Essential Skills	Jan 19 - Jan 23, 2009
PADA 0801	Workplace Safety & Trade Practice	Jan 26 - Jan 30, 2009
PADA 0802	Blueprint I	Feb 02 - Feb 06, 2009
PADA 1803	Tools & Equipment	Feb 09 - Feb 13, 2009
PADA 1804	Surface Preparation 1 (Drywall)	Feb 16 - Feb 20, 2009
PADA 1805	Coatings 1 (Residential / Commercial)	Feb 23 - Feb 27, 2009
PADA 1806	Painting 1A (Residential/Commercial Brush & Roller)	Mar 02 - Mar 06, 2009

Painter and Decorator

Group B	Halifax, NSCC IT Campus	Class B1
PADA 1807	Surface Preparation 2 (Metal) / Blueprint 2	Mar 16 - Mar 20, 2009
PADA 1808	Surface Preparation 3 (Stucco & Masonry)	Mar 23 - Mar 27, 2009
PADA 1809	Surface Preparation 4 (Wood & Plaster)	Mar 30 - Apr 03, 2009
PADA 1810	Coatings 2 (Industrial)	Apr 06 - Apr 09, 2009
PADA 1811	Painting 1B (Industrial Brush & Roller)	Apr 14 - Apr 17, 2009
PADA 1812	Painting 2 (Spray Systems)	Apr 20 - Apr 24, 2009

Plumber

Plumber courses available on-line at NSCC Virtual Campus	
PLGA 1804	Blueprint Reading and Interpretation II
PLGA 1808	Hydronic Heating I
PLGA 1810	Pipe, Fitting and Piping Assembly I A (Ferrous)
PLGA 1811	Pipe, Fitting and Piping Assembly I B (Non-Ferrous)
PLGA 1825	Drainage and Venting Systems IIB (Commercial Drainage)
PLGA 1835	Basic Electricity
PLGA 1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing
PLGA 1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2

Group A	Dartmouth, NSCC Akerley Campus	Class A1	Class A3
PLGA 0802	Safety / Tools and Equipment	Sept 8 - Sept 12, 2008	Jan 05 - Jan 09, 2009
PLGA 0801	Blueprint Reading and Interpretation 1 (Basic Residential)	Sept 15 - Sept 19, 2008	Jan 12 - Jan 16, 2009
PLGA 1810	Pipe, Fittings and Piping Assembly 1A (Ferrous)	Sept 22 - Sept 26, 2008	Jan 19 - Jan 23, 2009
PLGA 1811	Pipe, Fittings and Piping Assembly 1B (Non-Ferrous)	Sept 29 - Oct 03, 2008	Jan 26 - Jan 30, 2009
PLGA 1820	Draining and Venting Systems 1A (Residential)	Oct 06 - Oct 10, 2008	Feb 02 - Feb 06, 2009
PLGA 1821	Draining and Venting Systems 1B (Residential)	Oct 14 - Oct 17, 2008	Feb 09 - Feb 13, 2009
PLGA 1822	Water Supply 1 (Water Service / Rough-In)	Oct 20 - Oct 24, 2008	Feb 16 - Feb 20, 2009

Plumber

Group B	Dartmouth, NSCC Akerley Campus	Class B1	Class B2
PLGA 1804	Blueprint Reading and Interpretation 2 (Advanced Residential / Commercial)	Sept 8 - Sept 12, 2008	Nov 03 - Nov 07, 2008
PLGA 1835	Basic Electricity	Sept 15 - Sept 19, 2008	Nov 10 - Nov 14, 2008
PLGA 1808	Hydronic Heating 1 (Basic)	Sept 22 - Sept 26, 2008	Nov 17 - Nov 21, 2008
PLGA 1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing	Sept 29 - Oct 03, 2008	Nov 24 - Nov 28, 2008
PLGA 1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2	Oct 06 - Oct 10, 2008	Dec 01 - Dec 05, 2008
PLGA 1825	Drainage & Venting Systems 2B (Commercial Drainage)	Oct 14 - Oct 17, 2008	Dec 08 - Dec 12, 2008

Group B	Sydney, NSCC Marconi Campus	Class B3
PLGA 1804	Blueprint Reading and Interpretation 2 (Advanced Residential / Commercial)	Nov 03 - Nov 07, 2008
PLGA 1835	Basic Electricity	Nov 10 - Nov 14, 2008
PLGA 1808	Hydronic Heating 1 (Basic)	Nov 17 - Nov 21, 2008
PLGA 1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing	Nov 24 - Nov 28, 2008
PLGA 1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2	Dec 01 - Dec 05, 2008
PLGA 1825	Drainage & Venting Systems 2B (Commercial Drainage)	Dec 08 - Dec 12, 2008

Group B	Dartmouth, NSCC Akerley Campus	Class B4	Class B5
PLGA 1804	Blueprint Reading and Interpretation 2 (Advanced Residential / Commercial)	Jan 05 - Jan 09, 2009	Feb 23 - Feb 27, 2009
PLGA 1835	Basic Electricity	Jan 12 - Jan 16, 2009	Mar 02 - Mar 06, 2009
PLGA 1808	Hydronic Heating 1 (Basic)	Jan 19 - Jan 23, 2009	Mar 09 - Mar 13, 2009
PLGA 1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing	Jan 26 - Jan 30, 2009	Mar 16 - Mar 20, 2009
PLGA 1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2	Feb 02 - Feb 06, 2009	Mar 23 - Mar 27, 2009
PLGA 1825	Drainage & Venting Systems 2B (Commercial Drainage)	Feb 09 - Feb 13, 2009	Mar 30 - Apr 03, 2009

Plumber

Group B	Dartmouth, NSCC Akerley Campus	Class B6	Class B7
PLGA 1804	Blueprint Reading and Interpretation 2 (Advanced Residential / Commercial)	Mar 09 - Mar 13, 2009	Apr 14 - Apr 17, 2009
PLGA 1835	Basic Electricity	Mar 16 - Mar 20, 2009	Apr 20 - Apr 24, 2009
PLGA 1808	Hydronic Heating 1 (Basic)	Mar 23 - Mar 27, 2009	Apr 27 - May 01, 2009
PLGA 1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing	Mar 30 - Apr 03, 2009	May 04 - May 08, 2009
PLGA 1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2	Apr 06 - Apr 09, 2009	May 11 - May 15, 2009
PLGA 1825	Drainage & Venting Systems 2B (Commercial Drainage)	Apr 14 - Apr 17, 2009	May 19 - May 22, 2009

Group B	Dartmouth, NSCC Akerley Campus	Class B8
PLGA 1804	Blueprint Reading and Interpretation 2 (Advanced Residential / Commercial)	Apr 27 - May 01, 2009
PLGA 1835	Basic Electricity	May 04 - May 08, 2009
PLGA 1808	Hydronic Heating 1 (Basic)	May 11 - May 15, 2009
PLGA 1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing	May 19 - May 22, 2009
PLGA 1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2	May 25 - May 29, 2009
PLGA 1825	Drainage & Venting Systems 2B (Commercial Drainage)	June 1 - June 5, 2009

Group C	Dartmouth, NSCC Akerley Campus	Class C1	Class C2
PLGA 1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Sept 8 - Sept 12, 2008	Nov 10 - Nov 14, 2008
PLGA 1834	Draining & Venting Systems 2C (Commercial Venting)	Sept 15 - Sept 19, 2008	Nov 17 - Nov 21, 2008
PLGA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Sept 22 - Sept 26, 2008	Nov 24 - Nov 28, 2008
PLGA 1809	Hydronic Heating 2 (Advanced)	Sept 29 - Oct 03, 2008	Dec 01 - Dec 05, 2008
PLGA 1843	Gas Piping 1 (Low Pressure)	Oct 06 - Oct 10, 2008	Dec 08 - Dec 12, 2008

Plumber

Group C	Sydney, NSCC Marconi Campus	Class C3
PLGA 1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Jan 12 - Jan 16, 2009
PLGA 1834	Draining & Venting Systems 2C (Commercial Venting)	Jan 19 - Jan 23, 2009
PLGA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Jan 26 - Jan 30, 2009
PLGA 1809	Hydronic Heating 2 (Advanced)	Feb 02 - Feb 06, 2009
PLGA 1843	Gas Piping 1 (Low Pressure)	Feb 09 - Feb 13, 2009

Group C	Dartmouth, NSCC Akerley Campus	Class C4	Class C5
PLGA 1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Jan 12 - Jan 16, 2009	Feb 23 - Feb 27, 2009
PLGA 1834	Draining & Venting Systems 2C (Commercial Venting)	Jan 19 - Jan 23, 2009	Mar 02 - Mar 06, 2009
PLGA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Jan 26 - Jan 30, 2009	Mar 09 - Mar 13, 2009
PLGA 1809	Hydronic Heating 2 (Advanced)	Feb 02 - Feb 06, 2009	Mar 16 - Mar 20, 2009
PLGA 1843	Gas Piping 1 (Low Pressure)	Feb 09 - Feb 13, 2009	Mar 23 - Mar 27, 2009

Group C	Dartmouth, NSCC Akerley Campus	Class C6
PLGA 1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Mar 02 - Mar 06, 2009
PLGA 1834	Draining & Venting Systems 2C (Commercial Venting)	Mar 09 - Mar 13, 2009
PLGA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Mar 16 - Mar 20, 2009
PLGA 1809	Hydronic Heating 2 (Advanced)	Mar 23 - Mar 27, 2009
PLGA 1843	Gas Piping 1 (Low Pressure)	Mar 30 - Apr 03, 2009

Group D	Dartmouth, NSCC Akerley Campus	Class D1	Class D2
PLGA 1838	Water Supply 3 (Water Softeners & Conditioning)	Oct 20 - Oct 24, 2008	Jan 05 - Jan 09, 2009
PLGA 1842	Cross Connection Control	Oct 27 - Oct 31, 2008	Jan 12 - Jan 16, 2009
PLGA 1839	Rural Water Supply / Rural Waste	Nov 03 - Nov 07, 2008	Jan 19 - Jan 23, 2009
PLGA 1840	Specialty Plumbing Applications	Nov 10 - Nov 14, 2008	Jan 26 - Jan 30, 2009
PLGA 1828	Drainage & Venting Systems 3 (Commercial / Industrial)	Nov 17 - Nov 21, 2008	Feb 02 - Feb 06, 2009
PLGA 1841	Gas Piping 2 (High Pressure)	Nov 24 - Nov 28, 2008	Feb 09 - Feb 13, 2009
PLGA 1844	Program Review	Dec 01 - Dec 05, 2008	Feb 16 - Feb 20, 2009

Plumber

Group D	Sydney, NSCC Marconi Campus	Class D3
PLGA 1838	Water Supply 3 (Water Softeners & Conditioning)	Feb 23 - Feb 27, 2009
PLGA 1842	Cross Connection Control	Mar 02 - Mar 06, 2009
PLGA 1839	Rural Water Supply / Rural Waste	Mar 09 - Mar 13, 2009
PLGA 1840	Specialty Plumbing Applications	Mar 16 - Mar 20, 2009
PLGA 1828	Drainage & Venting Systems 3 (Commercial / Industrial)	Mar 23 - Mar 27, 2009
PLGA 1841	Gas Piping 2 (High Pressure)	Mar 30 - Apr 03, 2009
PLGA 1844	Program Review	Apr 06 - Apr 09, 2009

Group D	Dartmouth, NSCC Akerley Campus	Class D4	Class D5
PLGA 1838	Water Supply 3 (Water Softeners & Conditioning)	Apr 14 - Apr 17, 2009	Apr 20 - Apr 24, 2009
PLGA 1842	Cross Connection Control	Apr 20 - Apr 24, 2009	Apr 27 - May 01, 2009
PLGA 1839	Rural Water Supply / Rural Waste	Apr 27 - May 01, 2009	May 04 - May 08, 2009
PLGA 1840	Specialty Plumbing Applications	May 04 - May 08, 2009	May 11 - May 15, 2009
PLGA 1828	Drainage & Venting Systems 3 (Commercial / Industrial)	May 11 - May 15, 2009	May 19 - May 22, 2009
PLGA 1841	Gas Piping 2 (High Pressure)	May 19 - May 22, 2009	May 25 - May 29, 2009
PLGA 1844	Program Review	May 25 - May 29, 2009	June 1 - June 5, 2009

Power Engineer

Power Engineer courses available on-line at NSCC Virtual Campus			
Power Engineer 4th Class		Power Engineer 2nd Class	
PEFC 1813	Math, Mechanics and Thermodynamics	PESC 1801	Industrial Legislation
PEFC 1814	Safety	PESC 1802	Applied Mechanics
PEFC 1815	Administration, Environment and Piping	PESC 1803	Thermodynamics
PEFC 1816	High Pressure Boilers	PESC 1804	Metallurgy
PEFC 1817	Prime Movers, Lubrication and Maintenance	PESC 1805	Boilers
PEFC 1818	Electricity, Instrumentation and Plants	PESC 1806	Pumps and Water Treatment
PEFC 1819	Heating Boilers and Systems	PESC 1807	Heat Engines and Prime Movers
PEFC 1820	Refrigeration and Air Conditioning	PESC 1808	Lubrication, Piping and Mechanical Drawing
Power Engineer 3rd Class		PESC 1809	Plant Systems and Instrumentation
PETC 1821	Applied Math and Mechanics	PESC 1810	Fuels, Combustion and Environmental Protection
PETC 1822	Thermodynamics and Applied Sciences	PESC 1811	Electro-technology
PETC 1823	Codes, Safety, Combustion and Piping	PESC 1812	Compression and Refrigeration
PETC 1824	Electricity and Instrumentation		
PETC 1825	Boiler Design, Fittings and Auxiliary Equipment		
PETC 1826	Boiler Operations, Water Treatment, Pumps and Welding		
PETC 1827	Prime Movers		
PETC 1828	Air Compression, Refrigeration and Auxiliary Systems		

Power Engineer

2nd Class	Dartmouth, NSCC Akerley Campus		Class # and Dates	
(Paper A1)	PESC 1801	Industrial Legislation	A1	Sept 15 - Oct 03, 2008
	PESC 1802	Applied Mechanics		
(Paper A2)	PESC 1803	Thermodynamics	A2	Nov 17 - Dec 05, 2008
	PESC 1804	Metallurgy		
(Paper A3)	PESC 1805	Boilers	A3	Jan 05 - Jan 23, 2009
	PESC 1806	Pumps and Water Treatment		
(Paper B1)	PESC 1807	Heat Engines and Prime Movers Heat	B1	Feb 16 - Mar 06, 2009
	PESC 1808	Lubrication, Piping & Mechanical Drawing		
(Paper B2)	PESC 1809	Plant Systems and Instrumentation	B2	Mar 30 - Apr 17, 2009
	PESC 1810	Fuels & Combustion & Environment Protection		
(Paper B3)	PESC 1811	Electro-technology	B3	May 25 - June 12, 2009
	PESC 1812	Compression and Refrigeration		

Powerline Technician

Level 2	Halifax, NSCC IT Campus	Class 2A	Class 2B
PLTA 1807	Advanced AC Theory 1	Apr 06 - Apr 09, 2009	May 19 - May 22, 2009
PLTA 1808	Advanced AC Theory 2	Apr 14 - Apr 17, 2009	May 25 - May 29, 2009
PLTA 1809	System Operations and Single-Phase Metering	Apr 20 - Apr 24, 2009	June 1 - June 5, 2009
PLTA 1810	Street Lighting Circuits	Apr 27 - May 01, 2009	June 8 - June 12, 2009
PLTA 1811	Live Line Work	May 04 - May 08, 2009	June 15 - June 19, 2009

Powerline Technician

Level 3	Halifax, NSCC IT Campus	Class: Level 3
PLTA 1812	Transformers	Jan 12 - Jan 16, 2009
PLTA 1813	Underground Systems & Environmental Protocol	Jan 19 - Jan 23, 2009
PLTA 1814	Polyphase Generation	Jan 26 - Jan 30, 2009
PLTA 1815	Three-Phase Systems	Feb 02 - Feb 06, 2009
PLTA 1816	Transformer Banking	Feb 09 - Feb 13, 2009

Level 4	Halifax, NSCC IT Campus	Class: Level 4
	5 week session	Feb 23 - Mar 27, 2009

Refrigeration and Air Conditioning Mechanic

Note: The Refrigeration and Air Conditioning Mechanic curriculum has undergone review and revision, and the new curriculum is being gradually introduced into the program. Level 2 was formerly called Group B.

Level 2	Halifax, NSCC IT Campus	Class # and Dates
RACA 1836	Evaporation	Level 2, 6 week session, Apr 27 - June 05, 2009
RACA 1837	Metering Devices / Flow Controls	
RACA 1838	Compressors 2 / Condensers	
RACA 1839	AC Installation	
RACA 1840	Control Circuits (2 week course)	

Group C	Halifax, NSCC IT Campus	Class # and Dates
RACA 1820	System Design and Piping	Class C1, 6 week session, Sept 08 - Oct 17, 2008
RACA 1815	Capacity Modulation	Class C2, 6 week session, Jan 12 - Feb 20, 2009
RACA 1816	System Diagnostics	
RACA 1817	AC System Design 1	
RACA 1818	Air Handling Equipment Design & Application	
RACA 1819	Electrical & Mechanical Control Systems	

Refrigeration and Air Conditioning Mechanic

Group D	Halifax, NSCC IT Campus	Class # and Dates
RACA 1821	AC System Design 2	Class D1, 7 week session, Oct 27 - Dec 12, 2008
RACA 1822	AC System Installation & Service	Class D2, 7 week session, Mar 02 - Apr 17, 2009
RACA 1823	Chillers & Energy Management	
RACA 1824	Specialty Systems	
RACA 1825	Basic Electronics & Control Systems	
RACA 1826	Specialized Control Systems & Wiring Diagrams	
RACA 1827	Program Review	

Refrigeration Plant Operator

Refrigeration Plant Operator courses available on-line at NSCC Virtual Campus	
RPOC1	RPO-Thermodynamics and Mechanical
RPOC2	RPO Piping and Safety
RPOC3	RPO Codes and Compression Systems
RPOC4	RPO Air Conditioning Systems

Sheet Metal Worker

Note: The Sheet Metal Worker curriculum has undergone review and revision, and the new curriculum is being gradually introduced into the program. Level 1 was formerly called Group A.

Level 1	Dartmouth, NSCC Akerley Campus	Class # and Dates
	8 week session	Level 1, 8 week session, Sept 15 - Nov 07, 2008

Group B	Dartmouth, NSCC Akerley Campus	Class # and Dates
SMWA 1809	Blueprint Reading I (Basic / Installation)	Class B1, 5 week session, Nov 17 - Dec 19, 2008
SMWA 1810	Parallel Lines 2	Class B2, 5 week session, Mar 30 - May 01, 2009
SMWA 1811	Radial Lines 2	
SMWA 1812	Triangulation 2	
SMWA 1813	HVAC Systems 1	

Sheet Metal Worker

Group C	Dartmouth, NSCC Akerley Campus	Class # and Dates
SMWA 1814	Blueprint Reading 2 (Advanced) / Cost Estimation	Class C1, 5 week session, Jan 05 - Feb 06, 2009
SMWA 1815	Oxy-Acetylene Welding & Cutting / Shielded Metal Arc Welding	
SMWA 1816	Parallel Lines 3	
SMWA 1817	Radial Lines 3	
SMWA 1818	Advanced Layout and Fabrication	

Group D	Dartmouth, NSCC Akerley Campus	Class # and Dates
SMWA 1823	HVAC Systems 2	Class D1, 6 week session, Feb 16 - Mar 27, 2009
SMWA 1819	Auto Controls / Air Quality Mmt.	
SMWA 1820	Architectural Sheet Metal Products	
SMWA 1821	Advanced Planning and Installation 1	
SMWA 1822	Advanced Planning and Installation 2 / Program Review	

Sprinkler System Installer

Level 1	8 week session, UA Local 56	Oct 20 - Dec 12, 2008
Level 2	8 week session, UA Local 56	Jan 12 - Mar 06, 2009
Level 3	8 week session, UA Local 56	Mar 16 - May 08, 2009

Steamfitter - Pipefitter

Group A	Sydney, NSCC Marconi Campus	Class A1
STMA 0802	Safety / Tools and Equipment	Sept 15 - Sept 19, 2008
STMA 0801	Blueprint Reading & Interpretation 1 (Basic Residential)	Sept 22 - Sept 26, 2008
STMA 1810	Pipe, Fittings and Piping Assembly 1A (Ferrous)	Sept 29 - Oct 03, 2008
STMA 1811	Pipe, Fittings and Piping Assembly 1B (Non-Ferrous)	Oct 06 - Oct 10, 2008
STMA 1806	Pipe, Fittings and Piping Assembly 2	Oct 14 - Oct 17, 2008

Steamfitter - Pipefitter

Group A	Dartmouth, NSCC Akerley Campus	Class A2
STMA 0802	Safety / Tools and Equipment	Nov 10 - Nov 14, 2008
STMA 0801	Blueprint Reading & Interpretation 1 (Basic Residential)	Nov 17 - Nov 21, 2008
STMA 1810	Pipe, Fittings and Piping Assembly 1A (Ferrous)	Nov 24 - Nov 28, 2008
STMA 1811	Pipe, Fittings and Piping Assembly 1B (Non-Ferrous)	Dec 01 - Dec 05, 2008
STMA 1806	Pipe, Fittings and Piping Assembly 2	Dec 08 - Dec 12, 2008

Group A	Stellarton, NSCC Pictou Campus	Class A3
STMA 0802	Safety / Tools and Equipment	Nov 10 - Nov 14, 2008
STMA 0801	Blueprint Reading & Interpretation 1 (Basic Residential)	Nov 17 - Nov 21, 2008
STMA 1810	Pipe, Fittings and Piping Assembly 1A (Ferrous)	Nov 24 - Nov 28, 2008
STMA 1811	Pipe, Fittings and Piping Assembly 1B (Non-Ferrous)	Dec 01 - Dec 05, 2008
STMA 1806	Pipe, Fittings and Piping Assembly 2	Dec 08 - Dec 12, 2008

Group B	Dartmouth, NSCC Akerley Campus	Class B1	Class B3
STMA 1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Sept 22 - Sept 26, 2008	Jan 05 - Jan 09, 2009
STMA 1808	Hydronic Heating 1 (Residential)	Sept 29 - Oct 03, 2008	Jan 12 - Jan 16, 2009
STMA 1849	Introduction to Electricity	Oct 06 - Oct 10, 2008	Jan 19 - Jan 23, 2009
STMA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Oct 14 - Oct 17, 2008	Jan 26 - Jan 30, 2009
STMA 1805	Fuel / Electric Welding and Cutting	Oct 20 - Oct 24, 2008	Feb 02 - Feb 06, 2009
STMA 1830	Specialty Piping Applications	Oct 27 - Oct 31, 2008	Feb 09 - Feb 13, 2009

Steamfitter - Pipefitter

Group B	Sydney, NSCC Marconi Campus	Class B2
STMA 1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Oct 27 - Oct 31, 2008
STMA 1808	Hydronic Heating 1 (Residential)	Nov 03 - Nov 07, 2008
STMA 1849	Introduction to Electricity	Nov 10 - Nov 14, 2008
STMA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Nov 17 - Nov 21, 2008
STMA 1805	Fuel / Electric Welding and Cutting	Nov 24 - Nov 28, 2008
STMA 1830	Specialty Piping Applications	Dec 01 - Dec 05, 2008

Group B	Sydney, NSCC Marconi Campus	Class B5	Class B6
STMA 1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Jan 12 - Jan 16, 2009	Jan 12 - Jan 16, 2009
STMA 1808	Hydronic Heating 1 (Residential)	Jan 19 - Jan 23, 2009	Jan 19 - Jan 23, 2009
STMA 1849	Introduction to Electricity	Jan 26 - Jan 30, 2009	Jan 26 - Jan 30, 2009
STMA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Feb 02 - Feb 06, 2009	Feb 02 - Feb 06, 2009
STMA 1805	Fuel / Electric Welding and Cutting	Feb 09 - Feb 13, 2009	Feb 09 - Feb 13, 2009
STMA 1830	Specialty Piping Applications	Feb 16 - Feb 20, 2009	Feb 16 - Feb 20, 2009

Group B	Stellarton, NSCC Pictou Campus	Class B4
STMA 1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Jan 05 - Jan 09, 2009
STMA 1808	Hydronic Heating 1 (Residential)	Jan 12 - Jan 16, 2009
STMA 1849	Introduction to Electricity	Jan 19 - Jan 23, 2009
STMA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Jan 26 - Jan 30, 2009
STMA 1805	Fuel / Electric Welding and Cutting	Feb 02 - Feb 06, 2009
STMA 1830	Specialty Piping Applications	Feb 09 - Feb 13, 2009

Steamfitter - Pipefitter

Group C	Dartmouth, NSCC Akerley Campus	Class C1
STMA 1809	Hydronic Heating 2 (Commercial)	Feb 23 - Feb 27, 2009
STMA 1848	Pipe Bending	Mar 02 - Mar 06, 2009
STMA 1844	Low Pressure Steam	Mar 09 - Mar 13, 2009
STMA 1851	Pipe Template Development	Mar 16 - Mar 20, 2009
STMA 1852	Pipe Layout and Fabrication	Mar 23 - Mar 27, 2009
STMA 1853	Gas Piping 1	Mar 30 - Apr 03, 2009

Group C	Stellarton, NSCC Pictou Campus	Class C2
STMA 1809	Hydronic Heating 2 (Commercial)	Feb 23 - Feb 27, 2009
STMA 1848	Pipe Bending	Mar 02 - Mar 06, 2009
STMA 1844	Low Pressure Steam	Mar 09 - Mar 13, 2009
STMA 1851	Pipe Template Development	Mar 16 - Mar 20, 2009
STMA 1852	Pipe Layout and Fabrication	Mar 23 - Mar 27, 2009
STMA 1853	Gas Piping 1	Mar 30 - Apr 03, 2009

Group C	Sydney, NSCC Marconi Campus	Class C3	Class C4
STMA 1809	Hydronic Heating 2 (Commercial)	Mar 02 - Mar 06, 2009	Mar 02 - Mar 06, 2009
STMA 1848	Pipe Bending	Mar 09 - Mar 13, 2009	Mar 09 - Mar 13, 2009
STMA 1844	Low Pressure Steam	Mar 16 - Mar 20, 2009	Mar 16 - Mar 20, 2009
STMA 1851	Pipe Template Development	Mar 23 - Mar 27, 2009	Mar 23 - Mar 27, 2009
STMA 1852	Pipe Layout and Fabrication	Mar 30 - Apr 03, 2009	Mar 30 - Apr 03, 2009
STMA 1853	Gas Piping 1	Apr 06 - Apr 09, 2009	Apr 06 - Apr 09, 2009

Group D	Stellarton, NSCC Pictou Campus	Class D1
STMA 1854	Gas Piping 2	Apr 14 - Apr 17, 2009
STMA 1855	Refrigeration / Instrumentation	Apr 20 - Apr 24, 2009
STMA 1846	Specialty Steamfitting-Pipefitting Systems	Apr 27 - May 01, 2009
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	May 04 - May 08, 2009
STMA 1850	Pumps / Compressors & Hydraulic Systems 2	May 11 - May 15, 2009
STMA 1856	High Pressure Steam 1	May 19 - May 22, 2009
STMA 1857	High Pressure Steam 2 (High Temperature Systems) / Program Review	May 25 - May 29, 2009

Steamfitter - Pipefitter

Group D	Dartmouth, NSCC Akerley Campus	Class D2
STMA 1854	Gas Piping 2	Apr 14 - Apr 17, 2009
STMA 1855	Refrigeration / Instrumentation	Apr 20 - Apr 24, 2009
STMA 1846	Specialty Steamfitting-Pipefitting Systems	Apr 27 - May 01, 2009
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	May 04 - May 08, 2009
STMA 1850	Pumps / Compressors & Hydraulic Systems 2	May 11 - May 15, 2009
STMA 1856	High Pressure Steam 1	May 19 - May 22, 2009
STMA 1857	High Pressure Steam 2 (High Temperature Systems) / Program Review	May 25 - May 29, 2009

Group D	Sydney, NSCC Marconi Campus	Class D3
STMA 1854	Gas Piping 2	Apr 20 - Apr 24, 2009
STMA 1855	Refrigeration / Instrumentation	Apr 27 - May 01, 2009
STMA 1846	Specialty Steamfitting-Pipefitting Systems	May 04 - May 08, 2009
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	May 11 - May 15, 2009
STMA 1850	Pumps / Compressors & Hydraulic Systems 2	May 19 - May 22, 2009
STMA 1856	High Pressure Steam 1	May 25 - May 29, 2009
STMA 1857	High Pressure Steam 2 (High Temperature Systems) / Program Review	June 1 - June 5, 2009

Welder

Level 1	Dartmouth, NSCC Akerley Campus	Dates
WLDA 0801	Fundamental Skills	7 week session, Mar 16 - May 1, 2009
WLDA 1802	Introduction to Oxy-fuel Brazing	
WLDA 1825	SMAW (Set-Up & Fillet Weld, Butt Weld)	
WLDA 1826	Welding Processes	
WLDA 0807	Blueprint Reading (Basic)	
WLDA 0809	Mettallurgy	
WLDA 1821	Metal Repair & Build-up	

Welder

Level 2	Dartmouth, NSCC Akerley Campus	Dates
WLDA 1808	Blueprint Reading (Advanced)	7 week session, Oct 20 - Dec 05, 2008
WLDA 1804	SMAW (Exotic Metals)	
WLDA 1810	Quality Control	
WLDA 1811	Material Handling & Rigging	
WLDA 1814	GMAW (Butt & Fillet Weld)	
WLDA 1816	GMAW (Exotic Metals)	
WLDA 1817	GTAW (Butt & Fillet Weld)	

Welder

Level 3	Yarmouth, NSCC Burrige Campus	Dates
WLDA 1813	SMAW (Pipe & Tubing)	Part Time Training Oct 14, 2008 - Mar 6, 2009
WLDA 1815	GMAW (Pipe & Tubing)	
WLDA 1818	GTAW (Pipe & Tubing)	
WLDA 1819	GTAW (Exotic Metals)	
WLDA 1820	Special Processes	
WLDA 1823	FCAW (Pipe & Tubing)	
WLDA 1824	Program Review	

Level 3	Dartmouth, NSCC Akerley Campus	Dates
WLDA 1813	SMAW (Pipe & Tubing)	7 week session, Jan 12 - Feb 27, 2009
WLDA 1815	GMAW (Pipe & Tubing)	
WLDA 1818	GTAW (Pipe & Tubing)	
WLDA 1819	GTAW (Exotic Metals)	
WLDA 1820	Special Processes	
WLDA 1823	FCAW (Pipe & Tubing)	
WLDA 1824	Program Review	

Examinations

Apprentices - Regular Examination Sittings

The General Regulations under the *Apprenticeship and Trades Qualifications Act and General Regulations* Section 28 (1) state: "An apprentice who has successfully completed the practical experience and technical training components of the apprenticeship program for a designated trade is eligible to take the certification examination, for a certificate of apprenticeship in that trade."

To be eligible to write a certification examination, an apprentice must complete all the requirements of Section 28 (1) and this completion must be verified by the Industrial Training and Certification Officer. Your exam application must be received by the Apprenticeship Training and Skill Development division at least 20 working days before the examination date. Applications received after the application deadline will be processed for the next available examination sitting.

Trade Qualifier Applicants - Regular Examination Sittings

The General Regulations under the *Apprenticeship and Trades Qualifications Act and General Regulations* provide the opportunity for non-apprentices to write the Certificate of Qualification examinations. Candidates must meet the criteria set out in the General Regulations and the Trade Regulations.

All applicants must contact an Industrial Training and Certification Officer, Apprenticeship Training and Skill Development Division, to discuss training or certification options. Only those applicants who are referred by an Industrial Training and Certification Officer will be considered.

Examination Sittings and Scoring

Examinations are normally written at scheduled times. Only under special circumstances, upon written request from the client and with the approval of the Director of Apprenticeship, will exceptions be made.

Confirmation letters are sent to approved applicants only. Do not attend an examination sitting without written confirmation. Approved applicants should arrive 15 minutes before the examination begins and bring photo identification along with the confirmation letter. Please note that cell phones are not permitted in the examination room. The Apprenticeship Training and Skill Development Division provides pencils and any necessary code books.

Examination scoring will start on the Wednesday after the regularly scheduled examination sitting. The examination results, complete with an analysis, will be mailed to the client after the examination has been scored. Please note that examination results - marks, pass/fail - will not be released over the telephone.

Exam checklist

- Arrive 15 minutes early
- Bring confirmation letter, photo ID and an ordinary calculator (non-programmable and non-trade specific)
- Do not bring a cell phone to the examination sitting, or lock it in your vehicle upon arrival.
- We provide everything you need for your examination including pencils, scrap paper and code books.

Strategies for writing multiple-choice examinations

Interprovincial Examinations are written exclusively in a multiple choice format. In Interprovincial Examinations, each question has four responses, only one of which is correct. The three incorrect responses are called distractors because they are intended to look plausible and 'distract' you from the correct answer if you are not confident in your knowledge.

Effective strategies include:

- Read each question carefully so you understand exactly what is being asked. Do not make assumptions or jump to conclusions - stick to the facts. Be sure to read the whole question and not assume you know what the question is asking after you've read only part of it.
- Before answering a question, cover the response options with your hand. When you have finished reading the question, try to determine the answer without looking at the response options. Once you think you know the answer, uncover the response options and look for the one that matches your answer. Doing this helps to avoid being distracted by incorrect response options.
- As you read through the alternative options, make note of which ones you know are wrong to narrow your options.
- Draw a diagram or jot down a formula if it helps answer a question.
- If you are answering a question that involves calculation, it is useful to have an estimate of what the correct answer will be so that once you calculate the answer, you can check to see if it looks right.
- If you are unable to answer a question, move on and come back to the missed one(s) later. It's better to finish the easier questions first and come back to the more difficult ones later.
- Manage your time - it might be helpful to determine how much time you have for each question. For instance, if the exam has 120 questions and the maximum sit time for the exam is 3 hours, then you would have on average approximately 1.5 minutes per question. The invigilator will usually let you know when the halfway point of the examination time been reached. Check to see if you have completed approximately half of the examination and adjust your pace accordingly.

What happens if I am unsuccessful?

- Try not to be discouraged! Interprovincial Examinations are very challenging, but use what you learned from your previous experience to help prepare for your next attempt. Everyone who challenges an Interprovincial Examination receives a breakdown of how well they did in each section of the examination. Use the breakdown to identify areas where additional study will help you prepare for your next attempt.
- Rechallenge the examination as soon as you feel confident you will pass - don't postpone it for a lengthy period of time. You will need to obtain another exam application and pay the \$130.97 exam fee prior to the application deadline, approximately 20 business days before the desired examination sitting date. (It is no longer mandatory for clients to wait 90 days before rechallenging an examination).
- If you have unsuccessfully challenged an examination two times or more, you are required to contact your Industrial Training and Certification Officer to discuss completion of additional technical training.

Examination Schedule

Exam Dates (9:30 am on Saturdays)	Apply Before	Location	Exam Sitting #
September 06, 2008	August 11, 2008	Institute of Technology Campus	73362
		Marconi Campus	73363
October 25, 2008	September 29, 2008	Institute of Technology Campus	73365
		Marconi Campus	73366
November 29, 2008	November 3, 2008	Burrige Campus	73368
		Institute of Technology Campus	73370
		Kingstec Campus	73371
		Marconi Campus	73373
December 13, 2008	November 17, 2008	Institute of Technology Campus	73374
		Marconi Campus	73375
		Pictou Campus	73376
January 31, 2009	January 05, 2009	Institute of Technology Campus	73377
		Marconi Campus	73378
February 28, 2009	February 02, 2009	Institute of Technology Campus	73379
		Kingstec Campus	73380
		Marconi Campus	73381
March 21, 2009	February 23, 2009	Burrige Campus	73382
		Institute of Technology Campus	73383
		Marconi Campus	73384
		Pictou Campus	73385
April 25, 2009	March 30, 2009	Institute of Technology Campus	73386
		Marconi Campus	73387
May 30, 2009	May 04, 2009	Burrige Campus	73388
		Institute of Technology Campus	73389
		Marconi Campus	73390
		Pictou Campus	73391
June 06, 2009	May 11, 2009	Institute of Technology Campus	73392
		Marconi Campus	73393
June 20, 2009	May 25, 2009	Institute of Technology Campus	73394
		Kingstec Campus	73395
July 04, 2009	June 08, 2009	Institute of Technology Campus	73396
		Marconi Campus	73397

Designated Trades in Nova Scotia

Trade	Red Seal Trade	Compulsory Certified Trade	Description
Agricultural Equipment Technician	✓		Repairs and services machines typically used in farming industry.
Alarm and Security Technician	✓		Installs/repairs intrusion alarm, closed circuit video and access control systems.
Appliance Service Technician	✓		Repairs and services household appliances.
Automotive Painter	✓		Prepares and paints motor vehicles.
Automotive Service Technician	✓	✓	Services and repairs the brakes, suspension, engine, and fuel systems of cars and light trucks.
Automotive Service Technician - Service Station Mechanic		✓	Performs tune-ups, safety inspections, services and repairs the brakes, clutch, and tires of cars and light trucks.
Baker	✓		Makes breads, pastries, cookies and cakes.
Blaster			Engages in all blasting activity including: storage, handling, transportation, preparation, and use of explosives, and drilling conducted at a blasting area or in relation to the use of explosives.
Boatbuilder			Builds sea-going boats for fishing or charter, and custom pleasure, power and sail boats.
Boilermaker	✓		Builds, tests, and repairs air-tight and liquid-tight containers such as boilers and storage tanks.
Bricklayer	✓	✓	Builds and repairs walls, floors, fireplaces, walkways with bricks, blocks and stones.
Cabinetmaker	✓		Builds custom or production-type wooden (or wood substitute) fixtures and furniture.
Carpenter	✓		Works with wood or wood substitutes in the construction of buildings.
Communications Technician			Installs, repairs, upgrades and maintains communication cables.
Concrete Finisher	✓		Places, finishes, cuts and repairs concrete.
Construction Craft Worker	✓		Sets up / dismantles forms, site preparation and clean-up, excavation, backfill/compaction, traffic control duties, concrete placement and finishing, mason tending, and operates grading equipment.
Construction Electrician	✓	✓	Installs, alters, repairs, and maintains electrical systems in buildings and residences.
Cook	✓		Prepares food and meals in hotels, restaurants and institutions.
Electric Motor System Technician	✓		Repairs and rebuilds electric motors, generators, transformers, controls and equipment.
Electronics Technician (Consumer Products)	✓		Services and repairs radios, televisions, and VCRs.
Floor Covering Installer	✓		Installs many types of resilient or carpet floor covering.
Gas Fitter			Installs piping, appliances, equipment, and controls for the use of natural gas or propane as fuel.
Glazier	✓		Prepares, installs, and replaces glass.
Hairstylist	✓		Cuts, trims, waves and colours hair; massages face and scalp; trims beards and mustaches.
Heavy Duty Equipment Technician	✓		Repairs and maintains heavy duty equipment such as bulldozers, cranes and graders.
Instrumentation and Control Technician	✓		Repairs, maintains and installs industrial measuring and controlling equipment.
Industrial Electrician	✓		Installs, repairs, and maintains wiring and electrical equipment for industrial uses.
Industrial Mechanic (Millwright)	✓		Installs and maintains machinery and equipment in factories and production plants.
Insulator (Heat and Frost)	✓		Installs insulating materials in commercial and industrial structures, removes asbestos.
Ironworker (Generalist)	✓		Builds, erects, constructs and joins structural steel used in buildings, bridges and towers.
Ironworker (Reinforcing)	✓		Cuts, bends, lays out, places and welds reinforcing steel rods, welded wire fabric and composite materials in poured concrete products and structures. Place and stress post-tensioning systems.
Ironworker (Structural/Ornamental)	✓		Installs and reinforces steel components, precast concrete & glued laminated timber products. Also erects pre-engineered buildings, scaffolds, cranes, hoists and derricks.

Trade	Red Seal Trade	Compulsory Certified Trade	Description
Lather (Interior Systems Mechanic)	✓		Installs ceiling, drywall partitions, sound-proofing, and vapour barriers in buildings.
Locksmith	✓		Repairs, installs and adjusts locks, and maintains safes and vaults.
Machinist	✓		Manufactures and repairs industrial components and mechanical devices by using a variety of metal cutting and shaping machinery.
Marine Fitter			Makes and repairs structural metal parts for ships; cuts and shapes metal for ship building.
Metal Fabricator (Fitter)	✓		Makes and repairs metal parts used in the construction of bridges, buildings and boilers.
Mine Electrician			Installs, repairs and maintains electrical equipment and systems used in mining.
Mine Mechanic			Repairs, maintains and assembles equipment and machinery used in mining.
Mobile Crane Operator	✓		Uses mobile cranes to lift, move, and place heavy objects; repairs, maintains and moves cranes.
Motorcycle Mechanic	✓		Assembles, services and repairs motorcycles, motor scooters, and accessories.
Motor Vehicle Body Repairer (Metal and Paint)	✓		Repairs, restores and replaces damaged body parts such as glass, trim, steering and suspension.
Oil Burner Mechanic	✓	✓	Installs, repairs and services oil burning and oil combination burning equipment and appliances.
Painter and Decorator	✓		Applies paint, varnish, stain, wall paper, and wall coverings to interior and exterior surfaces.
Partsperson	✓		Stores and dispenses automotive, heavy duty, or farm machinery parts.
Plumber	✓	✓	Installs and repairs piping and other equipment used to move, store or dispose of water, gas and sewage.
Power Engineer			Maintains equipment, boilers and generators that provide heat, ventilation and power for buildings.
Powerline Technician	✓		Builds and maintains overhead and underground electrical systems, powerlines, poles and street lights.
Recreation Vehicle Service Technician	✓		Installs, repairs and services Class A, B & C motorhomes, truck campers, holiday, fifth wheel, park mobile, and tent trailers.
Refrigeration and Air Conditioning Mechanic	✓	✓	Installs and services refrigerating and air conditioning systems.
Restoration Stone Mason			Constructs and repairs structures using stone.
Rig Technician	✓		Operates the drawworks, rotary equipment and pumps, inspects rigs, maintains records of drilling operations, and oversees rig mobilization and demobilization.
Roofer	✓		Installs and repairs single or multi-ply roofing systems, shingles and pre-formed rigid sheeting.
Sheet Metal Worker	✓		Designs, makes, installs and repairs sheet metal products and parts.
Sprinkler System Installer	✓		Installs and maintains permanent fire extinguishing systems.
Steamfitter - Pipefitter	✓		Installs piping, equipment and controls for hot water, steam, process and chemical piping.
Tilesetter	✓		Covers, repairs and decorates surfaces using ceramic, marble and other materials.
Tool and Die Maker	✓		Makes, repairs and modifies prototype, or special tools, dies and fixtures.
Transport Trailer Technician	✓		Repairs and services the braking, electrical hydraulic system and heating/cooling units of truck-trailers.
Truck and Transport Mechanic	✓	✓	Repairs and services the various systems and engine components of buses and transport vehicles.
Welder	✓		Joins, cuts or shapes metal using electric arc, oxyacetylene flame or other processes.

Apprenticeship Pathways

(Complete Grade 12 or Equivalent)

