

Apprenticeship Training Schedule

2012 - 2013



General
Information



Training
Dates



Exam
Schedule

Apprenticeship Training and Examination Schedule 2012 • 2013

DECLARATION OF WAIVER

The information in this Training Schedule was valid at the time of posting. The Apprenticeship Training Division reserves the right to make changes without prior notice affecting, but not limited to, such areas as fees, course scheduling, instructor availability, programs of study and general regulations.

If you have questions, please contact your Training Officer.

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Online Learning

The Virtual Campus of the Nova Scotia Community College, in partnership with the Apprenticeship Training Division, provides apprentices the opportunity to access training through the internet. Apprentices can access training from home, work or wherever an internet connection is available. Training is offered in a course-based format (each course equals a 30-hour credit). **Apprentices who access online training are expected to complete one group/level of courses per year.**

Individuals are not required to purchase computer equipment to participate in online learning: Terminals are available in the libraries of Nova Scotia Community College campuses, as well as in community CAP sites. Tuition for apprentices is a flat fee of \$82.80 per online course and participants are also responsible for purchasing textbooks and other resource materials. Please visit our website for additional information: www.nsapprenticeship.ca/current_apprentices/OnlineTechnicalTraining.shtml

The online courses offered at NSCC's Virtual Campus are noted throughout this training schedule. They are also listed on NSCC's Virtual Campus site: www.apprenticeship.nsc.ca

Foundations for Success

Disability Services

The Division is committed to providing apprentices who have documented disabilities with reasonable, equitable and safe accessibility to programs and services offered in the apprenticeship training program. The Division can arrange to have reasonable and appropriate accommodation provided for apprentices if there is sufficient time for planning and implementation. Therefore, early identification is encouraged.

It is your responsibility to self-identify a disability and to supply all current supporting documentation such as that from prior educational institutions and agencies, doctor's certificates, psycho-educational assessments and Individual Program Plans (IPPs).

Special Needs

If you have any concerns about your potential for success in the apprenticeship program, we encourage you to contact your Training Officer to arrange a confidential meeting. Together, you and the Training Officer will identify support services which may be available to help you succeed in apprenticeship. These supports may include refresher courses, tutoring, reader-assisted examinations, prior learning assessments and learning plan development.

For more information on these services, please contact your [Training Officer](#).

Financial Support

You may be entitled to Employment Insurance benefits through Service Canada while participating in apprenticeship technical training in Nova Scotia, or other financial assistance. Please visit our website for details: nsapprenticeship.ca/financial_assistance/financial_assistance.shtml

Scholarships for Apprentices Attending NSCC

The construction industry has created a number of scholarships in celebration of the 150th Anniversary of the Construction Association of Nova Scotia (CANS). Many of these are available to apprentices participating in construction and related occupations to offset their NSCC expenses.

Please visit CANS' site, www.cans.ns.ca/about/anniversary, for information about "Building Futures" scholarships.

Also visit NSCC's site: www.nsc.ca/Admissions/Cost_And_Financial_Aid/Scholarships_And_Bursaries

Awards and Grants

Taxable awards and grants are available to registered apprentices:

Apprenticeship Incentive Grant (AIG): \$1,000	for all Red Seal trades
Apprentice Progression Award (APA): \$700	for all designated trades
Apprenticeship Completion Grant (ACG): \$2,000	for all Red Seal trades
Apprentice Completion Award (ACA): \$1,000	for all non-Red Seal trades

Details, eligibility requirements and application procedures for these awards and grants are available on our website: www.nsapprenticeship.ca/financial_assistance/financial_assistance.shtml

Apprenticeship Progression and Completion Awards – Groups C and D (Levels 3 and 4)

The Apprenticeship Progression and Completion Awards are taxable cash grants made available to registered apprentices who successfully progress through the third and/or fourth levels of training in Red Seal and non-Red Seal trades, as well as those who receive a Certificate of Apprenticeship in non-Red Seal trades.

The Apprentice Award Trust was established by the Province in April 2008 to assist in reducing the financial burden on apprentices as they work towards trade certification. The Trust is administered by non-governmental Trustees who are involved in the trades and appointed by the Minister of Labour and Advanced Education.

The Apprenticeship Progression Award is \$700.00 per year for those who have successfully completed all training requirements as they progress through their third, fourth and fifth (in applicable trades) levels of training. The Apprenticeship Completion Award is \$1,000 and is issued to registered apprentices who pass the certification examination in a non-Red Seal trade and receive a Certificate of Apprenticeship.

The Awards are paid twice yearly:

- In September for apprentices applying between January and June (prior to September); and
- In March for apprentice applying between July and December (prior to March).
- Applications must be received within six months of achieving eligibility.

Applications for the Apprenticeship Progression Award will be distributed to apprentices during the first week of technical training. Applications for the Apprenticeship Completion Award will be mailed with Certificates of Apprenticeship.

Awards and Grants – Eligibility at a Glance

Please note: Applications for the Apprenticeship Progression Award (APA) and Apprenticeship Completion Award (ACA) must be received within **six months** of achieving eligibility.

RED SEAL TRADE	AIG		APA			ACG	ACA
	\$1,000	\$1,000	\$700	\$700	\$700	\$2,000	\$1,000
Cook Ironworker (Generalist) Ironworker (Struc/Ornamental) *Ironworker (Reinforcing) (see last row of chart for information about award and grant eligibility)* Oil Heat System Technician Sprinkler System Installer Welder	Successful completion of Level 1 / Group A training & 2,000 hrs	Successful completion of Level 2 / Group B training & 4,000 hrs	N/A	N/A		Successful completion of all requirements of program & pass the IP Red Seal examination	
Automotive Service Tech* Industrial Electrician	"	"	Successful completion of Level 3/ Group C	Successful completion of Group D		Successful completion of Level 4 or Group E	
Boilermaker Bricklayer Carpenter Construction Electrician Heavy Duty Equipment Tech Industrial Mechanic Millwright Instrumentation & Control Tech Machinist Metal Fabricator Motor Vehicle Body Repairer Painter and Decorator Plumber Powerline Technician Refrigeration & A/C Mechanic Sheet Metal Worker Steamfitter-Pipefitter Truck & Transport Mechanic *Ironworker (Reinforcing) Mobile Crane Operator	"	"	Successful completion of Level 3/ Group C	N/A		Successful completion of all requirements of program & pass the IP Red Seal examination	
	Yes					Yes	

NON-RED SEAL TRADE	AIG		APA			ACG	ACA
	\$1,000	\$1,000	\$700	\$700	\$700	\$2,000	\$1,000
Boat Builder							Yes
Gas Fitter Level 3			Yes				
Gas Fitter Level 2				Yes			
Gas Fitter Level 1							Yes
Power Engineer 4 th			Yes				
Power Engineer 3 rd				Yes			
Power Engineer 2 nd							Yes
Restoration Stone Mason			Yes	Yes	Yes		Yes

*Apprentices who receive Service Station Mechanic certification are **not** eligible for the Apprentice Completion Award (ACA). The final award they receive is the Apprentice Progression Award (APA) upon successful completion of Level 3/Group C. If they continue for the complete AST certification, they will be eligible for the Apprenticeship Completion Grant (ACG).

Terms and Conditions

Apprenticeship Training reserves the right to remove individuals from technical training at its sole discretion and without notice. Individuals will be removed for reasons such as, but not limited to: not meeting the requirements of the attendance policy; displaying unruly or disruptive behavior; etc.

Attendance Policy

A mandatory attendance policy applies to all training to ensure compliance with the *Apprenticeship and Trades Qualifications Act* and General Regulations, Service Canada funding requirements and employer expectations, and to recognize the intensive nature of the training courses.

For apprenticeship technical training, prompt and regular attendance is required of all clients. If a client is unable to attend training, they must inform the school prior to commencement of class. Upon return to class, it is the responsibility of the client to meet with the instructor to make arrangements to complete the course work. If a client is unable to complete the required course work due to absenteeism, they will be required to retake the training.

Apprenticeship Training reserves the right to inform employers and Service Canada of absences from training.

Required Participation and Notification

Apprentices must participate in the required technical training. Refusal to do so for two successive sections of training may result in cancellation from the program. Apprentices must notify their Training Officer if their mailing address or employer's information has changed.

Training Costs and Payments

The cost for technical training is \$82.80 per week. To register for in-class technical training (ie, a *group* of courses), complete a Technical Training Enrolment Form (available on our website: www.nsapprenticeship.ca/forms_and_publications/TTEForm.pdf) and submit it with a non-refundable tuition *deposit* of \$82.80 for the first week to the Apprenticeship Training Division. The tuition *balance* (\$82.80 x number of remaining weeks) must be paid to the Training Provider on the first day of classes. Failure to remit the full tuition balance on the first day of classes will result in an individual's removal from technical training and forfeiture of their tuition deposit.

Accepted forms of payment for the non-refundable \$82.80 tuition *deposit* are:

Halifax Office	Certified cheque, company cheque or money order (payable to Minister of Finance), debit card, VISA or Mastercard, cash (exact amount only)
Sydney & Truro Offices	Certified cheque, company cheque or money order (payable to Minister of Finance), debit card, VISA or Mastercard
All Other Offices	Certified cheque, company cheque or money order (payable to Minister of Finance), Visa or Mastercard (credit card information noted on Training Enrolment Form)
Mailed Payments	Certified cheque, company cheque or money order (payable to Minister of Finance), VISA or Mastercard (credit card information noted on Training Enrolment Form)

Training Registration and Deadlines

Training Providers will not permit an individual to attend technical training unless they have been registered through the Apprenticeship Training Division. Once you are registered to attend in-class technical training (assigned a seat), you will receive a course scheduling package four to six weeks prior to the commencement of training. If you do not receive a course scheduling package, please contact your Training Officer.

The registration procedures for both in-class and online training are outlined on our website: www.nsapprenticeship.ca/current_apprentices/technical_training.shtml

- June 8, 2012 is the registration deadline for courses starting September to December 2012.
- October 12, 2012 is the registration deadline for all courses starting after January 1, 2013.

If you miss the deadlines, training may be full. Do not hesitate: complete the Technical Training Enrolment Form as soon as possible and forward it with the tuition deposit. If seats are available, they will be assigned on a first-come, first-served basis.

Tuition deposits will not be accepted without the completed Technical Training Enrolment Form.

Training and Examination Locations

NSCC Akerley Campus	21 Woodlawn Road, Dartmouth
NSCC Bayers Lake	115 Chain Lake Drive, Bayers Lake
NSCC Burrigge Campus	372 Pleasant Street, Yarmouth
NSCC Dartmouth Gate Site	375 Pleasant Street, Dartmouth
NSCC Institute of Technology Campus	5685 Leeds Street, Halifax
NSCC Kingstec Campus	236 Belcher Street, Kentville
NSCC Marconi Campus	1240 Grand Lake Road, Sydney
NSCC Pictou Campus	39 Acadia Avenue, Stellarton
NSCC Virtual Campus (Online Learning)	apprenticeship.nsc.ca, P: 877-491-6774
NSCC Waterfront Campus	80 Mawiomi Place, Dartmouth
Insulator (Heat and Frost), Local 116	106 Chain Lake Drive, Unit 2 D, Halifax
Plumbing and Pipefitting, Local 56	40 Neptune Crescent, Dartmouth

Apprenticeship Celebration Event

Each year, the Nova Scotia Apprenticeship Board hosts two Apprenticeship Celebration Events to honour newly certified journeypersons who have successfully completed their training and obtained a Certificate of Qualification. All newly certified journeypersons and their employers will receive an invitation to this free celebration approximately six weeks prior to the event, and a reply is required. Funding for these events is provided by our labour and industry partners.

These events also recognize the contributions of employers and mentors in the training of apprentices. The *Mentor/Coach* Award of Excellence is given to an employer, supervisor, instructor or other mentor who has served as a positive role model in the trade by demonstrating enthusiasm and interest in the progress of their apprentice(s). Nomination forms are included with the journeypersons' invitations.

The *Apprentice* Award of Excellence is given to a newly certified journeyperson who has made outstanding contributions toward forwarding the professional image of the employer, supporting others in the workplace and demonstrating a strong work ethic and community involvement. Nomination forms for this award are included with the employers' invitations. *Hope to see you there – watch for your invitation!*

ASEP – GM AUTO SERVICE EDUCATION PROGRAM

17R-3 **7 Weeks**

Sep 4 – Oct 19, 2012

Akerley Campus

17R-4 **7 Weeks**

Jan 14 – Mar 1, 2013

Akerley Campus

AUTOMOTIVE SERVICE TECHNICIAN

Online Courses

Various Automotive Service Technician courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website: www.apprenticeship.nsc.ca

Level 1

6 Week Session(s)

ASTA 1831 Fundamental Skills

Nov 5 – Dec 14, 2012

Akerley Campus

ASTA 1832 Chassis Systems 1

Sep 3 – Feb 8, 2013

Burridge Campus

MPOA 1800 Basic Welding

(part-time, evenings/weekends)

ASTA 1833 Non-ABS Brake Systems

ASTA 1834 Electrical and Electronic Systems

ASTA 1835 Maintenance Inspection & Body Adjustment

Level 2

6 Week Session(s)

ASTA 1851 Engine Principles & Fuel Delivery Systems

Feb 18 – Mar 29, 2013

Akerley Campus

ASTA 1817 Engine Cooling and Lubrication

Feb 11 – June 28, 2013

Burridge Campus

ASTA 1804 Starting and Charging Systems

(part-time, evenings/weekends)

ASTA 1836 Lighting and Wiper Systems

ASTA 1805 Ignition Systems

ASTA 1837 Chassis Systems 2

AUTOMOTIVE SERVICE TECHNICIAN continued...

Level 2-Lite		4 Week Session(s)	
ASTA 1835	Maintenance Inspection & Body Adjustment	Nov 5 – Nov 30, 2012	Akerley Campus
ASTA 1836	Lighting and Wiper Systems	Jan 14 – Feb 8, 2013	Akerley Campus
ASTA 1837	Chassis Systems 2	Apr 29 – May 24, 2013	Akerley Campus
ASTA 1805	Ignition Systems	Jan 14 – Feb 8, 2013	Marconi Campus

Level 3		7 Week Session(s)	
ASTA1839	Gasoline Fuel Systems	Sep 4 – Oct 19, 2012	Akerley Campus
ASTA1840	Vehicle Management Systems	Jan 7 – Feb 22, 2013	Akerley Campus
ASTA1841	Intake and Emission Systems / Vehicle Inspection	Mar 4 – Apr 19, 2013	Akerley Campus
ASTA1843	Final Drive Systems		
ASTA1845	Alternate Fuels and Energy Sources		
ASTA1846	ABS Brake and Restraint Systems		
ASTA1847	Vehicle Alignment		

Level 4		7 Week Session(s)	
ASTA 1838	Engine Repair	Jan 7 – Feb 22, 2013	Akerley Campus
ASTA 1842	Manual Transmissions and Transaxles / Clutches and Flywheels	Mar 4 – Apr 19, 2013	Akerley Campus
ASTA 1844	Diesel Fuel Injection Systems	Mar 11 – Apr 26, 2013	Akerley Campus
ASTA 1848	Electrical and Electronic Systems 2	Feb 18 – Apr 5, 2013	Marconi Campus
ASTA 1849	Automatic Transmissions and Transaxles		
ASTA 1850	Heating, Ventilation and Air Conditioning Systems		
ASTA 1830	Program Review		

BLASTER

Blasting Safety

Please contact the [Apprenticeship Training Division](#) for information.

BOILERMAKER

Entry **6 Weeks**

Feb 18 – Mar 29, 2013

Marconi Campus

Level 1 **6 Weeks**

Jan 7 – Feb 15, 2013

Marconi Campus

Level 3 **6 Weeks**

Nov 5 – Dec 14, 2012

Marconi Campus

Apr 2 – May 10, 2013

Marconi campus

BRICKLAYER

New Group A – Bricklayer AND Restoration Stone Mason

6 Week Session(s)

- BRKA 0801 Safety / Rigging & Scaffolding
- BRKA 0802 Intro to National Building Code / Tools & Equipment
- BRKA 1803 Masonry Units / Anchors, Ties & Joint Reinforcement
- BRKA 1804 Mortars, Grouting & Parging
- BRKA 1805 Laying Brick & Block to Line
- BRKA 1806 Blueprint Reading / Leads

Jan 7 – Feb 15, 2013

Dartmouth Gate

New Group B – Bricklayer AND Restoration Stone Mason

7/8 Week Session(s)

***BRKA 1806** ***Blueprint Reading / Leads (if required)**

- 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
- BRKA 1812 Wall Extensions & Openings
- BRKA 1811 Reinforced Masonry Partitions

***Course BRKA 1806, Blueprint Reading / Leads, will be offered from Oct 22 – Oct 26, 2012. This extra week is for individuals who have completed the old Group A training.**

~~Oct 29 – Dec 14, 2012~~

Dartmouth Gate

CANCELLED

BRICKLAYER continued...

New Group C – Bricklayer		7 Week Session(s)	
BRKA 1815	Fireplaces	Feb 18 – Apr 5, 2013	Dartmouth Gate
BRKA 1814	Chimneys		
BRKA 1813	Openings & Frames / Arches		
BRKA 1816	Barbecues / Steps & Patios		
BRKA 1817	Refractory / Glass Blocks		
BRKA 1819	Prefabrication / Contracting & Record Keeping		
BRKA 1820	Program Review		

Old Group D – Bricklayer		4 Week Session(s)	
BRKA 1816	Barbecues / Steps & Patios	Jan 14 – Feb 8, 2013	Dartmouth Gate
BRKA 1817	Refractory / Glass Blocks	 CANCELLED	
BRKA 1819	Prefabrication / Contracting & Record Keeping		
BRKA 1820	Program Review		

CARPENTER

Online Courses

Various Carpenter courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website: www.apprenticeship.nsc.ca

Level 1		8 Week Session(s)	
CARA 0800	Construction Safety	CANCELLED → Apr 15 – June 7, 2013	Mareoni Campus
CARA 0824	Introduction to Building Materials	Sep 10 – Nov 2, 2012	Waterfront Campus
CARA 0801	Carpentry Tools	Apr 15 – June 7, 2013	Waterfront Campus
CARA 1819	Foundations (2 week course)		
CARA 1820	Framing (2 week course)		
CARA 0802	Construction Blueprints		

CARPENTER continued...

Level 2		5 Week Session(s)	
CARA 1821	Gable Roofs	Nov 13 – Dec 14, 2012	Marconi Campus
CARA 1803	Equal Sloped Hip Roofs	Nov 13 – Dec 14, 2012	Waterfront Campus
CARA 1804	Intersecting Roofs of Equal Slope	Mar 4 –Apr 5, 2013	Waterfront Campus
CARA 1826	Windows and Doors		
CARA 1806	Exterior Siding / Cladding		

Level 3		5 Week Session(s)	
CARA 1807	Floor, Wall and Ceiling Coverings	Jan 14 – Feb 15, 2013	Marconi Campus
CARA 1809	Common Stairs	Nov 13 – Dec 14, 2012	Waterfront Campus
CARA 1812	Advanced Stairs	Jan 14 – Feb 15, 2013	Waterfront Campus
CARA 1811	Advanced Roofs		
CARA 1810	Cabinets and Millwork		


Group D		6 Week Session(s)	
CARA 1814	Energy Efficient Construction	Feb 25 – Apr 5, 2013	Marconi Campus
CARA 1817	Renovation	Jan 14 – Feb 22, 2013	Waterfront Campus
CARA 1812	Advanced Stairs	Mar 4 – Apr 12, 2013	Waterfront Campus
CARA 1813	Heavy / Commercial Construction		
CARA 1815	Commercial Blueprint Reading & Estimating		
CARA 1825	Program Review		

COOK

Online Courses

Various Cook courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website:
www.apprenticeship.nsc.ca

COOK continued...

Level 2		6 Week Session(s)	
COOA 1803	Stock and Soups	Nov 5 – Dec 14, 2012	Akerley Campus
COOA 1804	Sauces	 CANCELLED	
COOA 1805	Meat, Poultry and Game Cutting		
COOA 1806	Meat, Poultry and Game Preparation		
COOA 1807	Fish and Seafood		
COOA 1812	Baking and Desserts 2		

Level 3		6 Week Session(s)	
COOA 1809	Cold Kitchen 2	Jan 14 – Feb 22, 2013	Akerley Campus
COOA 1813	Baking and Desserts 3		
COOA 1816	Food Service Management 1 (Costing)		
COOA 1814	Food Service Management 2A (Nutrition)		
COOA 1815	Food Service Management 2B (Menu / Practical)		
COOA 1819	Program Review		

ELECTRICIAN, CONSTRUCTION AND INDUSTRIAL

Online Courses

Various Construction and Industrial Electrician courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website: www.apprenticeship.nsc.ca

Level 1		7 Week Session(s)	
ELEA 0801	Safety Practices / Building Codes	Sep 4 – Oct 19, 2012	Marconi Campus
ELEA 0802	Generic Blueprint	Sep 4 – Oct 19, 2012	Waterfront Campus
ELEA 1804	Tools & Equipment	Jan 14 – Mar 1, 2013	Waterfront Campus
ELEA 1805	DC Theory / Series & Parallel Circuits	Mar 11 – Apr 26, 2013	Waterfront Campus
ELEA 1806	Conductors, Cables & Voltage Drop		
ELEA 1824	Fundamental Wiring		
ELEA 1807	Raceway Installation		

ELECTRICIAN, CONSTRUCTION AND INDUSTRIAL continued...

Level 2		7 Week Session(s)	
ELEA 1834	Single-Phase Theory 1	Jan 21 – Mar 8, 2013	Burridge Campus
ELEA 1831	Single-Phase Theory 2	Sep 4 – Oct 19, 2012	Kingstec Campus
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Oct 29 – Dec 14, 2012	Kingstec Campus
ELEA 1810	Distribution Equipment / Protective Devices	Oct 29 – Dec 14, 2012	Marconi Campus
ELEA 1825	Lighting & Controls	Apr 29 – June 14, 2013	Marconi Campus
ELEA 1808	Heating Systems	Jan 21 – Mar 8, 2013	Pictou Campus
ELEA 1832	Single-Phase Service Entrance	Sep 4 – Oct 19, 2012	Waterfront Campus
		Oct 29 – Dec 14, 2012	Waterfront Campus
		Oct 29 – Dec 14, 2012	Waterfront Campus
		Jan 14 – Mar 1, 2013	Waterfront Campus
		Mar 11 – Apr 26, 2013	Waterfront Campus
		Mar 11 – Apr 26, 2013	Waterfront Campus
		May 6 – June 21, 2013	Waterfront Campus
Level 3		7 Week Session(s)	
ELEA 1812	Transformers	Mar 18 – May 3, 2013	Burridge Campus
ELEA 1814	DC Machines & Controls	Jan 14 – Mar 1, 2013	Kingstec Campus
ELEA 1816	AC Generators / Three-Phase Motors	Mar 11 – Apr 26, 2013	Kingstec Campus
ELEA 1815	Single-Phase Motors	Jan 7 – Feb 22, 2013	Marconi Campus
ELEA 1817	Motor Starters / Control Devices (2 week course)	Sep 4 – Oct 19, 2012	Waterfront Campus
ELEA 1833	Three-Phase Service Entrance	Sep 4 – Oct 19, 2012	Waterfront Campus
		Oct 29 – Dec 14, 2012	Waterfront Campus
		Oct 29 – Dec 14, 2012	Waterfront Campus
		Jan 14 – Mar 1, 2013	Waterfront Campus
		Mar 11 – Apr 26, 2013	Waterfront Campus
		May 6 – June 21, 2013	Waterfront Campus

ELECTRICIAN, CONSTRUCTION AND INDUSTRIAL continued...

Group D		7 Week Session(s)	
ELEA 1822	Trouble Shooting / Electrical Blueprint	Mar 11 – Apr 26, 2013	Kingstec Campus
ELEA 1819	Power Supply / Rectification / Control Circuits	May 6 – June 21, 2013	Kingstec Campus
ELEA 1820	Solid State Drives	Mar 4 – Apr 19, 2013	Marconi Campus
ELEA 1823	Emergency Stand-by/ Communication Systems	Mar 18 – May 3, 2013	Pictou Campus
ELEA 1818	Programmable Logic Controllers	Sep 4 – Oct 19, 2012	Waterfront Campus
ELEA 1821	Signaling Systems	Jan 14 – Mar 1, 2013	Waterfront Campus
ELEA 1835	Program Review	Jan 14 – Mar 1, 2013	Waterfront Campus
		Mar 11 – Apr 26, 2013	Waterfront Campus
		May 6 – June 21, 2013	Waterfront Campus


Group E – Industrial Electrician		6 Week Session(s)	
IELA 1826	Hydraulic / Pneumatic Systems	Oct 29 – Dec 7, 2012	Waterfront Campus
IELA 1828	Process Control / Distributed Control Systems	May 6 – June 14, 2013	Waterfront Campus
IELA 1827	Servomechanisms / Analogue Devices		
IELA 1830	Boiler Control & Air Conditioning		
IELA 1829	Precipitators / Vibration Analysis / Energy Management		
IELA 1836	Program Review		


GAS FITTER

Online Courses


Gas Fitter courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website:
www.apprenticeship.nsc.ca

GAS FITTER continued...

Gas Fitter II		9 Week Session(s)	
GF2A 0801	Piping and Tubing Systems for Industrial and Commercial Applications	Mar 25 — May 24, 2013	Akerley Campus
GF2A 0802	Basic Electricity	 CANCELLED	
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		
GF2A 0808	Liquid Propane		
GF2A 1830	Program Review / Lab		

Gas Fitter III		7 Week Session(s)	
GF3A 0801	Safety, Policies and Regulations	Jan 14 — Mar 1, 2013	Akerley Campus
GF3A 0802	Tools, Equipment and Piping	 CANCELLED	
GF3A 0803	Properties and Safe Handling of Propane		
GF3A 0804	Electrical		
GF3A 0805	Technical Manuals, Specifications and Drawings		
GF3A 0806	Gas Appliances		
GF3A 1830	Program Review / Lab		

HEAVY DUTY EQUIPMENT TECHNICIAN

Level 1 – Heavy Duty Equip Tech AND Truck & Transport Mechanic		7 Week Session(s)	
IMPA.0801	Fundamental Shop Skills	Sep 4 – Oct 19, 2012	Akerley Campus
IMPA 1803	Basic Electrical & Electronic Principles	Oct 29 — Dec 14, 2012	Akerley Campus
IMPA 1804	Hydraulics I	 CANCELLED	
IMPA 1805	Lubricants. Lubrication & Cooling		
IMPA 1806	Braking Systems		
IMPA 1807	Engine Principles		
MPOA 1800	Basic Welding		

HEAVY DUTY EQUIPMENT TECHNICIAN continued...

Level 2 – Heavy Duty Equip Tech AND Truck & Transport Mechanic 7 Week Session(s)

IMPA 1808	Drive Lines	Sep 4 – Oct 19, 2012	Akerley Campus
IMPA 1809	Ignition Systems	Oct 29 – Dec 14, 2012	Akerley Campus
IMPA 1810	Fuel Systems I		
IMPA 1811	Intake & Exhaust Systems		
IMPA 1812	Clutches & Manual Transmissions		
IMPA 1813	Starting & Charging Systems		
IMPA 1820	HVAC Systems		

Level 3 – Heavy Duty Equipment Technician 6/7 Week Session(s)

HDEA 1805	Pneumatics		
HDEA 1804	Torque Converters & Powershift Transmissions		
HDEA 1801	Frame & Suspension Systems		
HDEA 1806	Hydraulics 2	Jan 7 – Feb 15, 2013	Akerley Campus
HDEA 1821	Steering Systems and Front End Alignment		
HDEA 1822	Cabs, Equipment and Accessories		
*IMPA-1820	*HVAC Systems (if required)		

*Course IMPA-1820, HVAC Systems, will be offered from Feb 18 – Feb 22, 2013. This extra week is only required for individuals who have completed the old Group B training.

*Group D – Heavy Duty Equipment Technician 8 Week Session(s)

HDEA 1807	Tracked Steering Systems	Mar 4 – Apr 26, 2013	Akerley Campus
HDEA 1808	Attachments, Ground Engaging & Working Tools		
HDEA 1809	Cabs, ROPS & Safety		
HDEA 1815	Preventative Maintenance & Inspection		
HDEA 1816	Fuel Systems 2		
HDEA 1817	Electronic Control & Monitoring		
HDEA 1818	Engine Diagnosis		
HDEA 1819	Program Review		

*Note: The order in which the courses are delivered changed on Feb. 22, 2013.

INDUSTRIAL MECHANIC (MILLWRIGHT)

Level 1

7 Week Session(s)

IMMA 1829	Safety and Trade Practice	Sep 4 – Oct 19, 2012	IT Campus
IMMA 1802	Power Tools		
IMMA 0803	Blueprint Reading and Sketching		
IMMA 1805	Rigging		
IMMA 0820	Metallurgy		
IMMA 1806	Machine Shop Fundamentals		
IMMA 1821	Oxy-Fuel/ Electric Arc Welding		

Level 2

7 Week Session(s)

IMMA 1807	Static & Dynamic Seals	Oct 29 – Dec 14, 2012	IT Campus
IMMA 1813	Bearings & Lubrication		
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		

Level 3

7 Week Session(s)

IMMA 1808	Pumps (Positive & Non-positive)	Jan 14 – Mar 1, 2013	IT Campus
IMMA 1814	Fluid Power 1 (Basic Hydraulics, Schematics & Components)	May 6 – June 21, 2013	IT Campus
IMMA 1815	Fluid Power 2 (Controls, Circuits & Testing)		
IMMA 1817	Pneumatics		
IMMA 1818	Compressors		
IMMA 1831	Internal Combustion Engines		
IMMA 1833	Basic Electricity		

INDUSTRIAL MECHANIC (MILLWRIGHT) continued...

Level 4		7 Week Session(s)	
IMMA 1822	Fans and Boilers	Mar 11 – Apr 26, 2013	IT Campus
IMMA 1824	Steam & Gas Turbines	May 6 – June 21, 2013	IT Campus
IMMA 1811	Alignment 1 (Basic)		
IMMA 1828	Alignment 2 (Reverse & Cross Dial, Laser)		
IMMA 1825	Dynamic Balancing / Vibration Analysis / Maintenance		
IMMA 1826	Machinery Installation & Optical Alignment		
IMMA 1830	Program Review		

INSTRUMENTATION AND CONTROL TECHNICIAN

Level 3	7 Weeks	Apr 29 – June 14, 2013	Marconi Campus
Level 4	7 Weeks	June 17 – Aug 2, 2013	Marconi Campus

INSULATOR (HEAT AND FROST)

Level 1	6 Weeks	Sep 24 – Nov 2, 2012	Local 116
Level 1	6 Weeks	Jan 21 – Mar 1, 2013	Local 116
Level 2	6 Weeks	Apr 2 – May 10, 2013	Local 116
Level 3	7 Weeks	June 17 – Aug 2, 2013	Local 116

IRONWORKER

Level 1 - Reinforcing

8 Week Session(s)

IRWA 1801	Safety Tools and Equipment	Oct 22 – Dec 14, 2012	Pictou Campus
IRWA 1831	Cutting and Welding		
IRWA 1802	Rigging 1 (Hardware)		
IRWA 1803	Rigging 2 (Procedures)		
IRWA 1804	Conventional & Hydraulic Cranes		
IRWA 1810	Rigging 3 (Load Handling)		
IRWA 1832	Blueprint Principles / Temporary Access Structures		
IRWA 1821	Job Planning, Coordination & Site Preparation		

Level 1 – Structural/Ornamental

8 Week Session(s)

IRWA 1801	Safety Tools and Equipment	Aug 20 – Oct 12, 2012	Pictou Campus
IRWA 1831	Cutting and Welding		
IRWA 1802	Rigging 1 (Hardware)		
IRWA 1803	Rigging 2 (Procedures)		
IRWA 1804	Conventional & Hydraulic Cranes		
IRWA 1810	Rigging 3 (Load Handling)		
IRWA 1832	Blueprint Principles / Temporary Access Structures		
IRWA 1821	Job Planning, Coordination & Site Preparation		

Level 2 - Reinforcing

7 Week Session(s)

IRWA 1828	Reinforced Concrete 1 (Preparation)	Jan 14 – Mar 1, 2013	Pictou Campus
IRWA 1833	Blueprint (Rebar) (2 week course)	Mar 11 – Apr 26, 2013	Pictou Campus
IRWA 1844	Reinforced Concrete 2 (Practical / Fabrication and Installation) (2 week course)		
IRWA 1824	Post-Tensioning		
IRWA 1830	Program Review		

IRONWORKER continued...

Old Level 3 – Generalist		8 Week Session(s)	
IRWA 1840	Welding 3	May 6 – June 28, 2013	Pictou Campus
IRWA 1813	Tower Cranes		
IRWA 1814	Pre-Cast Concrete		
IRWA 1841	Electric Overhead Travelling Cranes		
IRWA 1812	Ornamental & Miscellaneous Ironwork		
IRWA 1842	Pre-Engineered Structures		
IRWA 1843	Machinery and Equipment		
IRWA 1830	Program Review		

MACHINIST

Online Courses

Various Machinist courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website: www.apprenticeship.nsc.ca

Old Level 2		4 Week Session(s)	
MCHA 1828	Mechanical Fasteners / Power Transmission and Lubrication	Oct 29 – Nov 23, 2012	IT Campus
MCHA 1813	Advanced Lathe Operations		
MCHA 1814	Vertical Milling Machine Operations		
MCHA 1841	Specialty Machinable Materials		

New Level 3*		6 Week Session(s)	
MCHA 1829	Material Selection & Heat Treatment / Carbide Tooling	Jan 14 – Feb 22, 2013	IT Campus
MCHA 1816	Planning, Measuring and Precision Layout	May 6 – June 14, 2013	IT Campus
MCHA 1815	Spur Gears		
MCHA 1822	Bevel, Helical and Worm Gears		
MCHA 1843	Grinders and Abrasives		
MCHA 1838	Precision Measurement II / Jigs and Fixtures		

*Note: The training changed from Old Level 3 to New Level 3 on Jan. 8, 2013.

MACHINIST continued...

Old Level 4		5 Week Session(s)	
MCHA 1838	Precision Measurement / Jigs and Fixtures	Mar 11 – Apr 12 2013	IT Campus
MCHA 1839	Quality Inspection / Reconditioning		
MCHA 1820	Numerical Control & CNC		
MCHA 1821	CNC Programming		
MCHA 1830	Program Review		

METAL FABRICATOR (FITTER)

New Level 1 – Metal Fabricator (Fitter) AND Welder		8 Week Session(s) (10:30 am – 5:00 pm)	
W DFA 1830	Safety, Tools and Equipment	Sep 4 – Oct 26, 2012	Akerley Campus
W DFA 1831	Material Handling	Mar 4 – Apr 26, 2013	Akerley Campus
W DFA 1832	Introduction to Welding / Oxy-Fuel		
W DFA 1833	Welding Processes 1 (SMAW)		
W DFA 1834	Welding Processes 2 (Semi-Automatic)		
W DFA 1835	Drawings / Trade Practice		
W DFA 1836	Layout and Fitting (2 week course)		

New Level 2 – Metal Fabricator (Fitter)		7 Week Session(s) (10:30 am – 5:00 pm)	
W DFA 1837	Drawings 2	Oct 29 – Dec 14, 2012	Akerley Campus
W DFA 1838	Shop Equipment		
W DFA 1839	Layout 2 (2 week course)		
W DFA 1840	Fabrication (2 week course)		
W DFA 1841	Cutting Processes		

METAL FABRICATOR (FITTER) continued...

New Level 3 – Metal Fabricator (Fitter)

5 Week Session(s) (10:30 am – 5:00 pm)

W DFA 1842	Drawings 3	Jan 14 – Feb 15, 2013	Akerley Campus
W DFA 1843	Fitting and Assembly 1 (2 week course)		
W DFA 1846	Metallurgy		
W DFA 1844	Layout 3		

New Level 4 – Metal Fabricator (Fitter)

4 Week Session(s) (10:30 am – 5:00 pm)

M TFA 1848	Fabrication 2	Sep 10 – Oct 5, 2012	Akerley Campus
M TFA 1847	Fitting & Assembly 2	May 6 – May 31, 2013	Akerley Campus
M TFA 1849	Quality Assurance & Work Planning		
M TFA 1850	Program Review		

MOTOR VEHICLE BODY REPAIRER (METAL & PAINT)

Level 1

5 Week Session(s)

M VBA 0801	Shop and Safety	Apr 29 – May 31, 2013	Akerley Campus
M VBA 1802	Auto Body Welding		
M VBA 1803	Vehicle Construction		
M VBA 1828	Metal Working		
M VBA 1805	Auto Body Preparation		

Level 3

4/5 Week Session(s)

*MVBA-1829	*Electrical Fundamentals (if required)	May 6 – May 31, 2013	Akerley Campus
MVBA-1821	Structural and Non-Structural Components		
MVBA-1822	Mechanical Systems and Damage Analysis		
MVBA-1823	Restraints and Electrical Repairs		
MVBA-1824	Colour Application		

*Course MVBA-1829, Electrical Fundamentals, will be offered from Apr 29 – May 3, 2013. This extra week is only required for individuals who have completed the old Group B training.

OIL HEAT SYSTEM TECHNICIAN

Online Courses

Various Oil Heat System Technician courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website: www.apprenticeship.nsc.ca

Group A

6 Week Session(s)

OBMA 0801 Fundamental Skills

OBMA 0802 Tools & Equipment / Soldering, Flaring & Threading

OBMA 1815 Fuel Storage

OBMA 1816 Fuel Delivery Systems

OBMA 1817 Planned Maintenance / Trade Practice

OBMA 1804 Combustion & Air Handling

~~Jan 7 – Feb 15, 2013~~

Akerley Campus

↑
CANCELLED

Group B

5 Week Session(s)

OBMA 1805 Electricity 1 (Principles of Electricity)

OBMA 1806 Electricity 2 (Ignition Systems, Electrical Devices & Switches)

OBMA 1818 Electricity 3 (Electronics & Solid State) / Motors

OBMA 1807 Controls & Wiring

OBMA 1809 Combustion Chambers / Chimneys, Venting & Draft Control

~~Feb 25 – Mar 29, 2013~~

Akerley Campus

↑
CANCELLED

Group C

6 Week Session(s)

OBMA 1810 Hydronic Heating Systems

OBMA 1811 Warm Air Furnaces / Steam Systems

OBMA 1812 Domestic Hot Water Heaters / Zoning

OBMA 1819 House as a System / Retrofit

OBMA 1808 Specialized Systems / Service & Troubleshooting

OBMA 1820 Program Review

Apr 8 – May 17, 2013

Akerley Campus

PLUMBER

Online Courses

Various Plumber courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website: www.apprenticeship.nsc.ca

Group A

7 Week Session(s)

PLGA0802	Safety / Tools & Equipment	Sep 4 – Oct 19, 2012	Akerley Campus
PLGA0801	Blueprint Reading & Interpretation 1 (Basic / Residential)	Jan 7 – Feb 22, 2013	Akerley Campus
PLGA1810	Pipe, Fittings & Piping Assembly 1A (Ferrous)	Sep 10 – Oct 26, 2012	Marconi Campus
PLGA1811	Pipe, Fittings & Piping Assembly 1B (Non-Ferrous)		
PLGA1820	Drainage & Venting Systems 1A (Residential)		
PLGA1821	Drainage & Venting Systems 1B (Residential)		
PLGA1822	Water Supply 1 (Water Service / Rough-In)		

Group B

6 Week Session(s)

PLGA1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Nov 5 – Dec 14, 2012	Akerley Campus
PLGA1835	Basic Electricity	Mar 11 – Apr 19, 2013	Akerley Campus
PLGA1808	Hydronic Heating 1 (Basic)	Apr 29 – June 7, 2013	Akerley Campus
PLGA1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing	Nov 5 – Dec 14, 2012	Marconi Campus
PLGA1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2		
PLGA1825	Drainage & Venting Systems 2B (Commercial Drainage)		

Group C

5 Week Session(s)

PLGA1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Sep 10 – Oct 12, 2012	Akerley Campus
PLGA1834	Drainage & Venting Systems 2C (Commercial Venting)	Jan 14 – Feb 15, 2013	Akerley Campus
PLGA1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Jan 28 – Mar 1, 2013	Kingstec Campus
PLGA1809	Hydronic Heating 2 (Advanced)	Jan 7 – Feb 8, 2013	Marconi Campus
PLGA1843	Gas Piping 1 (Low Pressure)		

PLUMBER continued...

Group D		7 Week Session(s)	
PLGA1838	Water Supply 3 (Water Softeners & Conditioning)	Oct 29 – Dec 14, 2012	Akerley Campus
PLGA1842	Cross Connection Control	Mar 4 – Apr 19, 2013	Akerley Campus
PLGA1839	Rural Water Supply / Rural Waste	Mar 11 – Apr 26, 2013	Kingstec Campus
PLGA1840	Specialty Plumbing Applications	Feb 18 – Apr 5, 2013	Marconi Campus
PLGA1828	Drainage & Venting Systems 3 (Commercial / Industrial)		
PLGA1841	Gas Piping 2 (High Pressure)		
PLGA1844	Program Review		

POWER ENGINEER

Online Courses

Various Power Engineer courses are available online at NSCC's Virtual Campus. For details, visit the Virtual Campus website: www.apprenticeship.nsc.ca

2-A1		3 Week Session(s)	
PESC 1801	Industrial Legislation	Sep 10 – Sep 28, 2012	Akerley Campus
PESC 1802	Applied Mechanics		

2-A2		3 Week Session(s)	
PESC 1803	Thermodynamics	Nov 13 – Nov 30, 2012	Akerley Campus
PESC 1804	Metallurgy		

2-A3		3 Week Session(s)	
PESC 1805	Boilers	Jan 7 – Jan 25, 2013	Akerley Campus
PESC 1806	Pumps and Water Treatment		


POWER ENGINEER continued...

2-B1		3 Week Session(s)	
PESC 1807	Heat Engines and Prime Movers	Feb 18 – Mar 8, 2013	Akerley Campus
PESC 1808	Lubrication, Piping and Mechanical Drawing		
2-B2		3 Week Session(s)	
PESC 1809	Plant Systems and Instrumentation	Apr 2 – Apr 19, 2013	Akerley Campus
PESC 1810	Fuels and Combustion and Environment Protection		
2-B3		3 Week Session(s)	
PESC 1811	Electro-technology	May 21 – June 7, 2013	Akerley Campus
PESC 1812	Compression and Refrigeration		

POWERLINE TECHNICIAN

Level 2		5 Week Session(s)	
PLTA 1807	Advanced AC Theory 1	Apr 2 – May 3, 2013	IT Campus
PLTA 1808	Advanced AC Theory 2		
PLTA 1809	System Operations & Single-Phase Metering		
PLTA 1810	Street Lighting Circuits		
PLTA 1811	Live Line Work		
Level 4		4 Week Session(s)	
PLTA 1817	Three-Phase Equipment	Jan 21 – Feb 15, 2013	IT Campus
PLTA 1818	Substation & System Protection	Feb 25 – Mar 22, 2013	IT Campus
PLTA 1819	Three-Phase Metering		
PLTA 1821	Program Review		

REFRIGERATION AND A/C MECHANIC

Level 1		6 Week Session(s)	
RACA 1831	Safety / Tools and Equipment	Nov 5 – Dec 14, 2012	Waterfront Campus
RACA 1832	Refrigeration Fundamentals	 <p>CANCELLED</p>	
RACA 1833	Air Conditioners, Refrigeration and Piping (2 week course)		
RACA 1834	Compressors 1 / Ancillary Devices		
RACA 1835	Electrical Fundamentals / Motors 1		
Level 2		6 Week Session(s)	
RACA 1836	Evaporation	Sep 10 – Oct 19, 2012	Waterfront Campus
RACA 1837	Metering Devices / Flow Controls		
RACA 1838	Compressors 2 / Condensers		
RACA 1839	AC Installation		
RACA 1840	Control Circuits (2 week course)		
Level 3		6 Week Session(s)	
RACA 1841	Refrigeration System Design	Jan 21 – Mar 1, 2013	Waterfront Campus
RACA 1842	Compressor Modulation		
RACA 1843	Commercial Refrigeration		
RACA 1844	Air Conditioning Systems		
RACA 1845	Heat Pumps		
RACA 1846	Troubleshooting Control Systems		
Level 4		6 Week Session(s)	
RACA 1847	AC System Design	Mar 11 – Apr 19, 2013	Waterfront Campus
RACA 1848	Duct Systems	Apr 29 – June 7, 2013	Waterfront Campus
RACA 1849	Heating Systems		
RACA 1852	Industrial Systems		
RACA 1851	Troubleshooting / Job Coordination		
RACA 1827	Program Review		

RESTORATION STONE MASON

Group B

7 Week Session(s)

For information about Restoration Stone Mason Group B training, see the entry for [Bricklayer](#).

ROOFER

Level 1 6 Weeks

May 27 – July 5, 2013 Akerley Campus

Level 2 6 Weeks

April 8 – May 17, 2013 Akerley Campus

SHEET METAL WORKER

Level 1

8 Week Session(s)

SMWA 1824 Safety/Elevating Devices

SMWA 1850 Tools and Equipment

SMWA 1854 Trade Practice

SMWA 1827 Welding 1

SMWA 1828 Metallurgy and Materials

SMWA 1829 Fabrication Fundamentals

SMWA 1830 Basic Layout

SMWA 1831 Pattern Development 1 and Layout

Jan 14 – Mar 8, 2013 Akerley Campus

Level 2

6 Week Session(s)

SMWA 1832 Blueprint 1

SMWA 1833 Pattern Development 2 (Parallel Line)

SMWA 1834 Pattern Development 2 (Radial Line)

SMWA 1835 Pattern Development 2 (Triangulation)


SMWA 1836 Welding 2

SMWA 1837 Air Handling Systems

Sep 17 – Oct 26, 2012 Akerley Campus

Mar 18 – Apr 26, 2013 Akerley Campus

SHEET METAL WORKER continued...

Level 3		6 Week Session(s)	
SMWA 1838	Blueprint 2	Jan 21 – Mar 1, 2013	Akerley Campus
SMWA 1839	Pattern Development 3 (Parallel Line)	Mar 18 – Apr 26, 2013	Akerley Campus
SMWA 1840	Pattern Development 3 (Radial Line)	 CANCELLED	
SMWA 1841	Pattern Development 3 (Triangulation)		
SMWA 1842	Duct System Design		
SMWA 1843	Breeching and Venting / Welding 3		

Level 4		6 Week Session(s)	
SMWA-1844	Material Handling Systems	Nov 5 – Dec 14, 2012	Akerley Campus
SMWA-1845	System Maintenance	May 13 – June 21, 2013	Akerley Campus
SMWA-1846	Metal Roofing and Architectural Metal		
SMWA-1847	Welding 4		
SMWA-1848	Special Products		
SMWA-1853	Program Review		

SPRINKLER SYSTEM INSTALLER

Level 1	8 Weeks	Oct 15 – Dec 7, 2012	UA Local 56
Level 2	8 Weeks	Jan 7 – Mar 1, 2013	UA Local 56
Level 3	8 Weeks	Mar 18 – May 10, 2013	UA Local 56

STEAMFITTER/PIPEFITTER

Group A		5 Week Session(s)	
STMA 0802	Safety, Tools & Equipment	Jan 14 – Feb 15, 2013	Akerley Campus
STMA 0801	Blueprint Reading & Interpretation 1 (Basic / Residential)	Sep 24 – Oct 26, 2012	Marconi Campus
STMA 1810	Pipe, Fittings & Piping Assembly 1A (Ferrous)	Nov 5 – Dec 7, 2012	Pictou Campus
STMA 1811	Pipe, Fittings & Piping Assembly 1B (Non-Ferrous)		
STMA 1806	Pipe, Fittings & Piping Assembly 2		

Group B		6 Week Session(s)	
STMA 1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Sep 10 – Oct 19, 2012	Akerley Campus
STMA 1808	Hydronic Heating 1 (Residential)	Oct 29 – Dec 7, 2012	Akerley Campus
STMA 1849	Introduction to Electricity	Mar 11 – Apr 19, 2013	Akerley Campus
STMA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Nov 5 – Dec 14, 2012	Marconi Campus
STMA 1805	Fuel / Electric Welding & Cutting	Nov 5 – Dec 14, 2012	Marconi Campus
STMA 1830	Specialty Piping Applications		

Group C		6 Week Session(s)	
STMA 1809	Hydronic Heating 2 (Commercial)	Sep 10 – Oct 19, 2012	Akerley Campus
STMA 1848	Pipe Bending	Oct 29 – Dec 7, 2012	Akerley Campus
STMA 1844	Low Pressure Steam	Jan 14 – Feb 22, 2013	Akerley Campus
STMA 1851	Pipe Template Development	Apr 29 – June 7, 2013	Akerley Campus
STMA 1852	Pipe Layout & Fabrication	Jan 7 – Feb 15, 2013	Marconi Campus
STMA 1853	Gas Piping 1	Jan 7 – Feb 15, 2013	Marconi Campus
		Jan 14 – Feb 22, 2013	Pictou Campus

CANCELLED



STEAMFITTER/PIPEFITTER continued...

Group D		7 Week Session(s)	
STMA 1854	Gas Piping 2	Mar 11 – Apr 26, 2013	Akerley Campus
STMA 1855	Refrigeration / Instrumentation	Feb 25 – Apr 12, 2013	Marconi Campus
STMA 1846	Specialty Steamfitting-Pipefitting Systems	Feb 25 – Apr 12, 2013	Marconi Campus
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	Mar 4 – Apr 19, 2013	Pictou Campus
STMA 1850	Pumps / Compressors & Hydraulic Systems 2		
STMA 1856	High Pressure Steam		
STMA 1857	Program Review		

TRUCK AND TRANSPORT MECHANIC

Level 1	7 Week Session(s)
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For information about Level 1 training, see the entry for [Heavy Duty Equip Technician](#).

Level 2	7 Week Session(s)
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For information about Level 2 training, see the entry for [Heavy Duty Equip Technician](#).

Level 3	6/7 Week Session(s)
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TTMA-1801	Frame & Suspension Systems	<p>*Course IMPA-1820, HVAC Systems, will be offered during one extra week of training at the end of each session. This extra week is only required for individuals who have completed the old Group B training.</p> <p>Jan 7 – Feb 15, 2013 (*plus extra week [Feb 18th to Feb 22nd] for IMPA-1820, if required)</p> <p>Feb 25 – Apr 5, 2013 (*plus extra week [Apr 8th to Apr 12th] for IMPA-1820, if required)</p> <p>May 6 – Jun 21, 2013 (*plus extra week [June 24th to June 28th] for IMPA-1820, if required)</p>	Akerley Campus
TTMA 1802	Wheels, Steering & Alignment		Akerley Campus
TTMA 1803	Gasoline Fuel Injection Systems		Akerley Campus
TTMA-1807	Automatic Transmissions and Torque Converters		Akerley Campus
TTMA-1806	Dual Air and ABS Brake Systems		Akerley Campus
TTMA-1808	Cab Components		Akerley Campus
*IMPA-1820	*HVAC Systems (if required)		

TRUCK AND TRANSPORT MECHANIC continued...

Group D		5 Week Session(s)	
TTMA 1815	Preventative Maintenance and Inspection	Mar 4 – Apr 5, 2013	Akerley Campus
TTMA 1816	Fuel Systems 2	Apr 15 - May 17, 2013	Akerley Campus
TTMA 1817	Electronic Control and Monitoring Systems		
TTMA 1818	Engine Diagnosis		
TTMA 1819	Program Review		

WELDER

New Level 1		8 Week Session(s) (10:30 am – 5:00 pm)	
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For information about Level 1 training, see the entry for [Metal Fabricator \(Fitter\) / Welder](#).

New Level 2		6 Week Session(s) (10:30 am – 5:00 pm)	
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WLDA 1837	Cutting and Gouging	Nov 5 – Dec 14, 2012	Akerley Campus
WLDA 1838	Quality Control / Weld Faults		
WLDA 1839	SMAW (Fillet and Groove Weld)		
WLDA 1840	GMAW (Fillet and Groove Weld)		
WLDA 1841	GTAW (Fillet and Groove Weld) (2 week course)		

Old Level 3		7 Week Session(s) (10:30 am – 5:00 pm)	
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WLDA1813	SMAW (Pipe & Tubing)	Jan 14 – Mar 1, 2013	Akerley Campus
WLDA1815	GMAW (Pipe & Tubing)	Mar 11 – Apr 26, 2013	Akerley Campus
WLDA1818	GTAW (Pipe & Tubing)		
WLDA1819	GTAW (Exotic Metals)		
WLDA1820	Special Processes		
WLDA1823	FCAW (Pipe & Tubing)		
WLDA1824	Program Review		

WELDER continued...

Old Level 3 (part-time, evenings/weekends)

Multiple Week Session(s) (10:30 am – 5:00 pm)

WLDA1813 SMAW (Pipe & Tubing)

WLDA1815 GMAW (Pipe & Tubing)

WLDA1818 GTAW (Pipe & Tubing)

WLDA1819 GTAW (Exotic Metals)

WLDA1820 Special Processes

WLDA1823 FCAW (Pipe & Tubing)

WLDA1824 Program Review

Oct 15 – Mar 8, 2013

Burridge Campus

General Information - Examinations

To be eligible to write a certification examination, you must complete all the practical and technical training components of your apprenticeship program, and this completion must be verified by a Training Officer. Once your eligibility has been confirmed, you will be asked to submit an exam application form indicating a 'preferred' exam date and location. The form is available on our website:
www.nsapprenticeship.ca/forms_and_publications/Exam_App.pdf

Please consult the examination schedule in this booklet for exam dates.

Your application, along with the applicable fee, must be received at the Halifax Office of the Division **prior to the “apply before” date indicated for the requested exam session**. Applications received after the application deadline will be processed for the next available examination sitting.

A confirmation letter will be sent to you 10 days prior to the examination date. Do **not** attend an examination sitting without this written confirmation.

Exam Checklist

- Arrive at least 15 minutes prior to the start of the examination
- Bring confirmation letter, photo ID (e.g. driver's license, passport, apprenticeship ID card), ordinary calculator (non-programmable and non-trade specific), a watch so that you can pace yourself
- Do **not** bring a cell phone to the exam sitting

The Division provides everything else you need for your exam, including pencils, scrap paper and code books (if applicable).

What happens if you cannot write the exam on the scheduled exam date?

If you are unable to write the exam on your scheduled exam date, you must notify the Division as soon as possible. Contact your Training Officer or telephone the Halifax Office at (902) 424-5651 or toll free at 1-800-494-5651. An exam may be rescheduled only once without penalty. Failure to provide at least 24 hours' notice is considered a no-show and your exam fee will be forfeited.

When will you find out if you passed?

Examination scoring will start on the Wednesday after the regularly scheduled examination sitting. The examination results (marks or information indicating if you were successful) will not be released over the telephone. They will be mailed to you within 10 business days.

Examination Locations

Click [here](#) or see page 6.

Examination Schedule for 2012 • 2013

Exam Dates (9:30 am on Saturdays)	Apply Before	Location	Exam Sitting #
September 15, 2012	August 17, 2012	IT Campus (Halifax)	86265
		Marconi Campus (Sydney)	86266
October 13, 2012	September 14, 2012	IT Campus (Halifax)	86267
November 3, 2012	October 5, 2012	IT Campus (Halifax)	86275
		Marconi Campus (Sydney)	86268
December 15, 2012	November 16, 2012	IT Campus (Halifax)	86269
		Burrige Campus (Yarmouth)	86271
		Marconi Campus (Sydney)	86270
February 9, 2013	January 11, 2013	IT Campus (Halifax)	86272
February 23, 2013	January 25, 2013	IT Campus (Halifax)	86299
		Marconi Campus (Sydney)	86273
March 2, 2013	February 1, 2013	IT Campus (Halifax)	86274
		Burrige Campus (Yarmouth)	86310
		Pictou Campus (Stellarton)	86276
April 6, 2013	March 8, 2013	IT Campus (Halifax)	86277
		Marconi Campus (Sydney)	86297
April 13, 2013	March 15, 2013	IT Campus (Halifax)	86298
		Marconi Campus (Sydney)	86278
April 20, 2013	March 22, 2013	IT Campus (Halifax)	86280
		Marconi Campus (Sydney)	86281
		Pictou Campus (Stellarton)	86279
April 27, 2013	March 29, 2013	IT Campus (Halifax)	86283
		Kingstec Campus (Kentville)	86282
		Pictou Campus (Stellarton)	86284
May 4, 2013	April 5, 2013	Pictou Campus (Stellarton)	86285
May 25, 2013	April 26, 2013	IT Campus (Halifax)	86286
		Marconi Campus (Sydney)	86287
June 1, 2013	May 3, 2013	IT Campus (Halifax)	86288
June 8, 2013	May 10, 2013	IT Campus (Halifax)	86289
June 15, 2013	May 17, 2013	Marconi Campus (Sydney)	86290
June 22, 2013	May 24, 2013	IT Campus (Halifax)	86291
July 26, 2013	June 27, 2013	Marconi Campus (Sydney)	86292
July 27, 2013	June 28, 2013	IT Campus (Halifax)	86293
August 2, 2013	July 4, 2013	Marconi Campus (Sydney)	86294

Contact Information

For further information about Apprenticeship Training, please visit our website
www.nsapprenticeship.ca

You may also contact one of the following Department of Labour and Advanced Education's
Apprenticeship Training Division offices.

Toll Free: 1-800-494-5651

Bridgewater

Labour and Advanced Education
Apprenticeship Training Division
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Bridgewater, NS B4V 3J8
Tel: (902) 543-0649, Fax: (902) 543-0648

Port Hawkesbury

Labour and Advanced Education
Apprenticeship Training Division
c/o NSCC Strait Area Campus
226 Reeves Street,
Port Hawkesbury, NS B9A 2A2
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Halifax (Head Office)

Labour and Advanced Education
Apprenticeship Training Division
2021 Brunswick Street, PO Box 578,
Halifax, NS B3J 2S9
Tel: (902) 424-5651, Fax: (902) 424-0717

Sydney

Labour and Advanced Education
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Sydney, NS B1P 1C8
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Kentville

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Truro

Labour and Advanced Education
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Truro, NS B2N 3K3
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New Glasgow

Labour and Advanced Education
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187 Terra Cotta Drive,
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Yarmouth

Labour and Advanced Education
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Yarmouth, NS B5A 2L2
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