

Training Schedule 2013 | 2014

Apprenticeship Training Division



training
dates



exam
information



awards
and grants



general
information


NOVA SCOTIA

AWARDS GRANTS STUDY CLASS INFO PLAN VIDEO EXAM
TRAINING EXAMS
LOCATIONS SCHEDULE APPLY PREP

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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what's inside

general info

- ii Declaration of Waiver
- 1 Online Learning
- 1 Foundations for Success
 - Disability Services
 - Special Needs
- 2 Terms and Conditions
 - Attendance Policy
 - Required Participation | Notice

- 2 Training Costs and Payments
- 3 Training Registration and Deadlines
- 3 Training and Exam Locations
- 34 Contact Us

exam info

- 34 Frequently Asked Questions
 - Exam Preparation Videos + Resources
 - Exam Locations
 - Exam Schedule

training + dates

- 8 ASEP – GM Auto Service Education
- 8 Automotive Service Technician
- 10 Blaster
- 10 Boilermaker
- 11 Bricklayer
- 11 Carpenter
- 13 Cook
- 14 Electrician, Construction and Industrial
- 16 Gas Fitter
- 16 Heavy Duty Equipment Technician
- 17 Industrial Mechanic (Millwright)
- 19 Instrumentation and Control Technician
- 19 Insulator (Heat and Frost)
- 19 Ironworker
- 21 Machinist
- 22 Metal Fabricator (Fitter)
- 23 Motor Vehicle Body Repairer (Metal & Paint)
- 23 Oil Heat System Technician
- 24 Plumber
- 26 Power Engineer
- 27 Powerline Technician
- 27 Refrigeration and A/C Mechanic
- 29 Roofer
- 29 Sheet Metal Worker
- 30 Sprinkler System Installer
- 31 Steamfitter/Pipefitter
- 32 Truck and Transport Mechanic
- 33 Welder

financial info & awards + grants

- 4 Apprenticeship Celebration Event
- 5 Financial Support
- 5 Awards and Grants
 - Scholarships for Apprentices Attending NSCC
 - Employment Insurance Benefits
 - Awards and Grants Eligibility at a Glance

general information

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).

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 \$87.61 per online course and participants are also responsible for purchasing textbooks and other resource materials. Please visit our website for additional information: nsapprenticeship.ca/apprentices/OnlineTechnicalTraining.asp

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

Apprentices who access online training should complete one level/group of courses per year.

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**.

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.

Apprentices must participate in the required technical training. The Apprenticeship Training Division reserves the right to inform employers and Service Canada of absences from training.

Required Participation | Notice

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 \$87.61 per week. To register for in-class technical training (ie, a level or *group* of courses), complete a Technical Training Enrolment Form (available on our

Payment Info

All offices | Certified cheque, company cheque or money order (payable to Minister of Finance), debit card, VISA or Mastercard

Mailed payments | Certified cheque, company cheque or money order (payable to Minister of Finance), VISA or Mastercard (credit card information can be entered on the Technical Training Enrolment Form)

website, www.nsapprenticeship.ca) and submit it, along with a non-refundable tuition *deposit* of \$87.61 for the first week of training, to the Apprenticeship Training Division.

The tuition *balance* (\$87.61 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.

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 beginning of training. If you do not receive a course scheduling package, please contact your Training Officer.

If you miss the deadlines, training may be full. Do not hesitate: Complete the Technical Training Enrolment Form (TTEF) as soon as possible and submit it, along with the tuition deposit, to the Apprenticeship Training Division. If seats are available, they will be assigned on a first-come, first-served basis.

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

Deadlines!

- June 15, 2013 is the registration deadline for courses starting September to December 2013.
 - October 12, 2013 is the registration deadline for all courses starting after January 1, 2013.
- Tuition deposits will NOT be accepted without the completed TTEF.

Training and Exam Locations

NSCC Virtual Campus
(Online Learning)

www.apprenticeship.nsc.ca

NSCC Akerley Campus

21 Woodlawn Road, Dartmouth

NSCC Burridge 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 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

A

pprenticeship 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 partners in labour and industry.



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!

financial info, awards + grants

Financial Support

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 NSCC's website for more information about scholarships and bursaries: www.nsc.ca/Admissions/Cost_And_Financial_Aid/Scholarships_And_Bursaries



Employment Insurance Benefits

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

Awards and Grants

Taxable awards and grants are available to registered apprentices:

Details, eligibility requirements and application procedures for these awards and grants are available on the Apprenticeship Training website. Click [here](#).

- Apprenticeship Incentive Grant (AIG) for Levels 1 & 2: \$1,000 for all Red Seal trades
- Apprenticeship Completion Grant (ACG): \$2,000 for all Red Seal trades
- There are also provincial Apprenticeship Progression and Completion awards for levels 3 & 4 | Groups C & D are also available. See below for details.

Provincial Apprenticeship Progression & Completion Awards

The provincial Apprenticeship Progression and Completion Awards are taxable cash grants made available to registered apprentices who successfully complete level three (and four, in trades with 5 levels/groups) of technical 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 provincial awards are paid twice yearly:

- For clients who meet the criteria and who apply between the months of January and June, the award will be paid in September.
- For clients who meet the criteria and who apply between the months of July and December, the award will be paid the following April.

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 \$750.00 per year for those who successfully complete all technical training as they progress through their third, fourth and fifth (in applicable trades) levels of training. The Apprenticeship Completion Award is \$2,000 and is issued to registered apprentices who pass the certification examination in a non-Red Seal trade and receive a Certificate of Apprenticeship.

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 along with the Certificates of Apprenticeship.

Awards and Grants Eligibility at a Glance | Non-Red-Seal Trades

NON-RED SEAL TRADE	AIG		APA			ACG	ACA
	\$1,000	\$1,000	\$750	\$750	\$750	\$2,000	\$2,000
Boat Builder							Yes
Gas Fitter Level 3			Yes				
Gas Fitter Level 2				Yes			
Gas Fitter Level 1							Yes
Power Engineer 4th			Yes				
Power Engineer 3rd				Yes			
Power Engineer 2nd							Yes

Awards and Grants Eligibility at a Glance | Red Seal Trades

RED SEAL TRADE	AIG		APA			ACG	ACA
	\$1,000	\$1,000	\$750	\$750	\$750	\$2,000	\$2,000
Automotive Service Tech Industrial Electrician	Successful completion of Level 1/ Group A training & 2,000 hrs	Successful completion of Level 2/ Group B training & 4,000 hrs	Successful completion of Level 3	Successful completion of Level 4		Successful completion of Level 4/E	AST: See note below
Boilermaker Bricklayer Carpenter Construction Electrician Heavy Duty EquipTech Industrial Mechanic Millwright Instrum & Control Tech Machinist Metal Fabricator Motor Vehicle Body Repairer Plumber Powerline Technician Refrigeration & A/C Mechanic Sheet Metal Worker Steamfitter-Pipefitter Truck & Transport Mech	See above	See above	Successful completion of Level 3/ Group C	N/A		Successful completion of all rqmts of program & pass the Red Seal exam	
Cook Insulator (Heat and Frost) Ironworker (Generalist) Ironworker (Struc/Ornam) *Ironworker (Reinforcing) see last row for information* Landscape Horticulturist Oil Heat System Technician Roofer Sprinkler System Installer Welder	See above	See above	N/A	N/A		Successful completion of all rqmts of program & pass the Red Seal exam	
Ironworker (Reinforcing) Mobile Crane Operator	Yes					Yes	

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

training + dates

ASEP – GM Auto Service Education

18S-1	7 Weeks	Sep 3 – Oct 18, 2013	Akerley Campus
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18S-2	7 Weeks	Jan 13 – Feb 28, 2014	Akerley Campus
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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 4 – Dec 13, 2013	Akerley Campus
ASTA 1832	Chassis Systems 1	Jan 6 – Feb 14, 2014	Akerley Campus
MPOA 1800	Basic Welding		
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 Sys	May 5 – June 13, 2014	Akerley Campus
ASTA 1817	Engine Cooling and Lubrication		
ASTA 1804	Starting and Charging Systems		
ASTA 1836	Lighting and Wiper Systems		
ASTA 1805	Ignition Systems		
ASTA 1837	Chassis Systems 2		

Automotive Service Technician continued...

Level 2-Lite		4/5 Week Session(s)
*ASTA 1835	*Maintenance Inspection & Body Adjustment (if required)	<p>*Course ASTA 1835, Maintenance Inspection & Body Adjustment, will be offered as an additional week before the regularly scheduled training session begins. This extra week is for individuals who have completed the old Group B training, and for other individuals who require this course.</p> <p>*Course ASTA 1804, Starting and Charging Systems, <u>may not</u> be required for some individuals. Please contact your Training Officer for information.</p> <p>Nov 4 – Nov 29, 2013 Akerley Campus (*plus extra week [Oct 28th to Nov 1st] for ASTA 1835, if required)</p> <p>Mar 10 – Apr 4, 2014 Akerley Campus (*plus extra week [Mar 3rd to Mar 7th] for ASTA 1835, if required)</p> <p>May 12 – June 6, 2014 Akerley Campus (*plus extra week [May 5th to May 9th] for ASTA 1835, if required)</p>
ASTA 1836	Lighting and Wiper Systems	
ASTA 1837	Chassis Systems 2	
ASTA 1805	Ignition Systems	
*ASTA 1804	*Starting and Charging Systems	
Level 3		7 Week Session(s)
ASTA-1843	Final Drive Systems	Sep 3 – Oct 18, 2013 Akerley Campus
ASTA-1847	Vehicle Alignment	Jan 6 – Feb 21, 2014 Akerley Campus
ASTA-1839	Gasoline Fuel Systems	Mar 3 – Apr 18, 2014 Akerley Campus
ASTA-1840	Vehicle Management Systems	May 5 – June 20, 2014 Akerley Campus
ASTA-1841	Intake & Emission Systems / Veh Insp	Jan 27 – June 13, 2014 Burr ridge Campus (part-time, evenings/wkends)
ASTA-1845	Alternate Fuels and Energy Sources	
ASTA-1846	ABS Brake and Restraint Systems	Apr 28 – June 13, 2014 Marconi Campus

Automotive Service Technician *continued...*

Level 4		7 Week Session(s)	
ASTA 1838	Engine Repair	Sep 3 – Oct 18, 2013	Akerley Campus
ASTA 1842	Manual Transmissions & Transaxles / Clutches and Flywheels	Mar 10 – Apr 25, 2014	Akerley Campus
ASTA 1844	Diesel Fuel Injection Systems		
ASTA 1848	Electrical and Electronic Systems 2		
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 17 – Mar 28, 2014	Marconi Campus
Level 1	6 Weeks	Jan 6 – Feb 14, 2014	Marconi Campus
Level 2	6 Weeks	Nov 4 – Dec 13, 2013	Marconi Campus
Level 3	6 Weeks	Apr 7 – May 16, 2014	Marconi Campus

Bricklayer

New Group B – Bricklayer		7 Week Session(s)	
BRKA 1807	Concrete Block Foundations	Feb 3 – Mar 21, 2014	Dartmouth Gate
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		
New Group C – Bricklayer		7 Week Session(s)	
BRKA 1815	Fireplaces	Mar 31 – May 16, 2014	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		
*Note: Individuals who completed the “old” Group C must take only the last four courses in the New Group C (the courses are highlighted above) to complete the Bricklayer training program.			

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

Carpenter *continued...*

Level 1		8 Week Session(s)	
CARA 0800	Construction Safety	Apr 7 – May 30, 2014	Marconi Campus
CARA 0824	Introduction to Building Materials	Sep 9 – Nov 1, 2013	Waterfront Campus
CARA 0801	Carpentry Tools	Apr 7 – May 30, 2014	Waterfront Campus
CARA 1819	Foundations (2 week course)		
CARA 1820	Framing (2 week course)		
CARA 0802	Construction Blueprints		

Level 2		5 Week Session(s)	
CARA 1821	Gable Roofs	Nov 12 – Dec 13, 2013	Marconi Campus
CARA 1803	Equal Sloped Hip Roofs	Nov 12 – Dec 13, 2013	Waterfront Campus
CARA 1804	Intersecting Roofs of Equal Slope	Feb 24 – Mar 28, 2014	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 6 – Feb 7, 2014	Marconi Campus
CARA 1809	Common Stairs	Sep 30 – Nov 1, 2013	Waterfront Campus
CARA 1812	Advanced Stairs	Nov 12 – Dec 13, 2013	Waterfront Campus
CARA 1811	Advanced Roofs	Jan 13 – Feb 14, 2014	Waterfront Campus
CARA 1810	Cabinets and Millwork		

Carpenter *continued...*

Level 4		5/6 Week Session(s)
*CARA 1812	*Advanced Stairs (if required)	<p>*Course CARA 1812, Advanced Stairs, will be offered as an additional week before the regularly scheduled training session begins. This extra week is for individuals who have completed the old Group C training, and for other individuals who require this course.</p> <p>Feb 24 – Mar 28, 2014 Marconi Campus (*plus extra week [Feb 17th to Feb 21st] for CARA 1812, if required)</p> <p>Jan 20 – Feb 21, 2014 Waterfront Campus (*plus extra week [Jan 13th to Jan 17th] for CARA 1812, if required)</p> <p>Mar 10 – Apr 11, 2014 Waterfront Campus (*plus extra week [Mar 3rd to Mar 7th] for CARA 1812, if required)</p>
CARA 1814	Energy Efficient Construction	
CARA 1817	Renovation	
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

Level 3		6 Week Session(s)
COOA 1809	Cold Kitchen 2	<p>Jan 13 – Feb 27, 2014, Waterbury Campus</p> <p>Cancelled</p>
COOA 1813	Baking and Desserts 3	
COOA 1816	Food Service Management 1 (Costing)	
COOA 1814	Food Service Management 2A (Nutrition)	
COOA 1815	Food Service Mgmt 2B (Menu / Practical)	
COOA 1819	Program Review	

Electrician, Construction and Industrial

Online Courses

Various Construction/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 3 – Oct 18, 2013	Marconi Campus
ELEA 0802	Generic Blueprint	Sep 3 – Oct 18, 2013	Waterfront Campus
ELEA 1804	Tools & Equipment	Jan 13 – Feb 28, 2014	Waterfront Campus
ELEA 1805	DC Theory / Series & Parallel Circuits	Mar 10 – Apr 25, 2014	Waterfront Campus
ELEA 1806	Conductors, Cables & Voltage Drop		
ELEA 1824	Fundamental Wiring		
ELEA 1807	Raceway Installation		
Level 2		7 Week Session(s)	
ELEA 1834	Single-Phase Theory 1	Oct 28 – Dec 13, 2013	Kingstec Campus
ELEA 1831	Single-Phase Theory 2	Oct 28 – Dec 13, 2013	Marconi Campus
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Oct 28 – Dec 13, 2013	Marconi Campus
ELEA 1810	Distribution Equip/ Protective Devices	Sep 3 – Oct 18, 2013	Waterfront Campus
ELEA 1825	Lighting & Controls	Sep 3 – Oct 18, 2013	Waterfront Campus
ELEA 1808	Heating Systems	Oct 28 – Dec 13, 2013	Waterfront Campus
ELEA 1832	Single-Phase Service Entrance	Jan 13 – Feb 28, 2014	Waterfront Campus
		Jan 13 – Feb 28, 2014	Waterfront Campus
		Mar 10 – Apr 25, 2014	Waterfront Campus
		Mar 10 – Apr 25, 2014	Waterfront Campus
		May 5 – June 20, 2014	Waterfront Campus
		May 5 – June 20, 2014	Waterfront Campus



Electrician, Construction and Industrial continued...

Level 3		7 Week Session(s)	
ELEA 1812	Transformers	Jan 20 – Mar 7, 2014	Burridge Campus
ELEA 1814	DC Machines & Controls	Jan 13 – Feb 28, 2014	Kingstec Campus
ELEA 1816	AC Generators / Three-Phase Motors	Sep 3 – Oct 18, 2013	Marconi Campus
ELEA 1815	Single-Phase Motors	Jan 6 – Feb 21, 2014	Marconi Campus
ELEA 1817	Motor Starters / Control Devices (2 week course)	Jan 6 – Feb 21, 2014	Marconi Campus
ELEA 1833	Three-Phase Service Entrance	Jan 20 – Mar 7, 2014	Pictou Campus
		Sep 3 – Oct 18, 2013	Waterfront Campus
		Oct 28 – Dec 13, 2013	Waterfront Campus
		Oct 28 – Dec 13, 2013	Waterfront Campus
		Jan 13 – Feb 28, 2014	Waterfront Campus
		Mar 10 – Apr 25, 2014	Waterfront Campus
		May 5 – June 20, 2014	Waterfront Campus

Level 4		7 Week Session(s)	
ELEA-1822	Troubleshooting / Electrical Blueprint	Mar 17 – May 2, 2014	Burridge Campus
ELEA-1838	Power Supply and Rectifiers / Drives	Sep 3 – Oct 18, 2013	Kingstec Campus
ELEA-1813	High-Voltage Systems	Mar 10 – Apr 25, 2014	Kingstec Campus
ELEA 1823	Emergency Stand-by/ Comm Sys	Mar 3 – Apr 18, 2014	Marconi Campus
ELEA 1818	Programme Logi Controllers	Mar 3 – Apr 18, 2014	Marconi Campus
ELEA 1821	Signaling Systems	Apr 28 – June 13, 2014	Marconi Campus
ELEA 1835	Program Review	Mar 17 – May 2, 2014	Pictou Campus
		Sep 3 – Oct 18, 2013	Waterfront Campus
		Oct 28 – Dec 13, 2013	Waterfront Campus
		Jan 13 – Feb 28, 2014	Waterfront Campus
		Mar 10 – Apr 25, 2014	Waterfront Campus
		May 5 – June 20, 2014	Waterfront Campus
		May 5 – June 20, 2014	Waterfront Campus

New

New

Electrician, Construction and Industrial continued...

Group E – Industrial Electrician		6 Week Session(s)	
IELA 1826	Hydraulic / Pneumatic Systems	Oct 28 – Dec 6, 2013	Waterfront Campus
IELA 1828	Process Control / Distr. Control Sys	May 5 – June 13, 2014	Waterfront Campus
IELA 1827	Servomechanisms / Analogue Devices		
IELA 1830	Boiler Control & Air Conditioning		
IELA 1829	Precip / Vibra Analys / Energy Mgmt		
IELA 1836	Program Review		

Gas Fitter

Online Courses

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

Tech II		9 Week Session(s)	
GF2A 0801	Piping and Tubing Systems	Mar 31 – May 23, 2014	Akerley Campus
GF2A 0802	Basic Electricity		
GF2A 0803	Controls		
GF2A 0804	Gas Appliances		
GF2A 0805	Force Air Systems		
GF2A 0806	Hydronic & Domestic Water Heat		
GF2A 0807	Building Science and Air Handling		
GF2A 0808	Liquid Propane		
GF2A 1830	Program Review/Lab		

Cancelled

Heavy Duty Equipment Technician

Level 1 – Heavy Duty Equip Tech AND Truck & Transport Mechanic		7 Week Session(s)	
IMPA 0801	Fundamental Shop Skills	Sep 3 – Oct 18, 2013	Akerley Campus
IMPA 1803	Basic Electrical & Electronic Principles	Oct 28 – Dec 13, 2013	Akerley Campus
IMPA 1804	Hydraulics I		
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 3 – Oct 18, 2013	Akerley Campus
IMPA 1809	Ignition Systems	Oct 28 – Dec 13, 2013	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	<p>*Course IMPA-1820, HVAC Systems, will be offered as an additional week from Feb 17 – Feb 21, 2014, which is the week after the regularly scheduled training session ends. This extra week is for individuals who have completed the old Group B training, and for other individuals who require this course.</p>	
HDEA 1804	Torque Converters & Powershift Transmissions		
HDEA 1801	Frame & Suspension Systems		
HDEA 1806	Hydraulics 2		
HDEA 1821	Steering Sys and Front End Alignment		
HDEA 1822	Cabs, Equipment and Accessories		
*IMPA-1820	*HVAC Systems (if required)	Jan 6 – Feb 14, 2014	Akerley Campus
Level 4 – Heavy Duty Equipment Technician		5 Week Session(s)	
HDEA-1815	Preventative Maint & Inspection	Mar 3 – Apr 4, 2014	Akerley Campus
HDEA-1816	Fuel Systems 2		
HDEA-1817	Electronic Control & Monitoring Sys		
HDEA-1818	Engine Diagnosis		
HDEA-1819	Program Review		

Industrial Mechanic (Millwright)

Level 1		7 Week Session(s)	
IMMA 1829	Safety and Trade Practice	Sep 3 – Oct 18, 2013	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		

Industrial Mechanic (Millwright) continued...

Level 2		7 Week Session(s)	
IMMA 1807	Static & Dynamic Seals	Oct 28 – Dec 13, 2013	IT Campus
IMMA 1813	Bearings & Lubrication	Apr 28 – June 13, 2014	IT Campus
IMMA 1809	Couplings & Clutches		
IMMA 1810	Gear Drive Units		
IMMA 1812	Conveyors (Material Handling Sys)		
IMMA 1819	Sheaves & Sprockets		
IMMA 1804	Equip & Mech Installation Blueprint		
Level 3		7 Week Session(s)	
IMMA 1808	Pumps (Positive & Non-positive)	Jan 6 – Feb 21, 2014	IT Campus
IMMA 1814	Fluid Power 1 (Basic Hydraulics, Schematics & Components)		
IMMA 1815	Fluid Power 2 (Controls, Circuits & Testing)		
IMMA 1817	Pneumatics		
IMMA 1818	Compressors		
IMMA 1831	Internal Combustion Engines		
IMMA 1833	Basic Electricity		
Level 4		7 Week Session(s)	
IMMA 1822	Fans and Boilers	Mar 3 – Apr 18, 2014	IT Campus
IMMA 1824	Steam & Gas Turbines	Apr 28 – June 13, 2014	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

Old Level 4 7 Weeks

Apr 28 – June 13, 2014 Marconi Campus

Insulator (Heat and Frost)

Level 1 6 Weeks

Jan 20 – Feb 28, 2014 Local 116

Level 2 6 Weeks

Sep 23 – Nov 1, 2013 Local 116

June 2 – July 11, 2014 Local 116

Level 3 7 Weeks

Mar 24 – May 9, 2014 Local 116



Ironworker

Level 1 - Reinforcing

8 Week Session(s)

IRWA 1801 Safety Tools and Equipment

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

Oct 21 – Dec 13, 2013 Pictou Campus

Ironworker continued...

Level 1 – Structural/Ornamental		8 Week Session(s)	
IRWA 1801	Safety Tools and Equipment	Jan 13 – Mar 7, 2014	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)	Apr 28 – June 13, 2014	Pictou Campus
IRWA 1833	Blueprint (Rebar)		
IRWA 1845	Reinforced Concrete 2 (Fabrication)		
IRWA 1846	Reinforced Concrete 3 (Installation)		
IRWA 1847	Post-Tensioning (Unbonded)		
IRWA 1848	Post-Tensioning (Bonded)		
IRWA 1830	Program Review		
Level 2 – Structural/Ornamental			
IRWA-1825	Welding 2	Mar 17 – Apr 18, 2014	Pictou Campus
IRWA-1835	Structural Steel Preparation		
IRWA-1834	Blueprint (Structural/Ornamental)		
IRWA-1826	Structural Steel Erection & Dismantling (2 week course)		

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

New Level 2

4 Week Session(s)

MCHA 1813	Advanced Lathe Operations	Oct 28 – Nov 22, 2013	IT Campus
MCHA 1814	Vertical Milling Machine Operations (2 week course)		
MCHA 1841	Specialty Machineable Materials		

Cancelled

*Note: On July 24th, 2013, the Level 2 offering changed from Old Level 2 to New Level 2.

New Level 3

6 Week Session(s)

*MCHA 1829	*Material Selection & Heat Treat / Carbide Tooling	*Course MCHA 1829, Material Selection & Heat Treatment / Carbide Tooling, is delivered during the first week of the training session. This week is <u>not required for some individuals who have completed the old Group C training.</u>	
MCHA 1816	Planning, Measuring and Precision Layout		
MCHA 1815	Spur Gears		
MCHA 1822	Bevel, Helical and Worm Gears		
MCHA 1843	Grinders and Abrasives		
MCHA 1838	Precision Measurement / Jigs and Fixtures		
		Jan 13 – Feb 21, 2014	IT Campus

New Level 4

5 Week Session(s)

MCHA 1839	Quality Inspection / Reconditioning	May 5 – June 6, 2014	Waterfront Campus
MCHA-1821	CNC Programming	June 9 - July 11, 2014	Waterfront Campus
MCHA-1846	CNC Operation (2 weeks)		
MCHA 1830	Program Review		



Metal Fabricator (Fitter)

Level 1 – Metal Fabricator (Fitter) AND Welder		8 Week Session(s)	
WDFA 1830	Safety, Tools and Equipment	Sep 3 – Oct 25, 2013	Akerley Campus
WDFA 1831	Material Handling	Jan 6 – Feb 27, 2014	Akerley Campus
WDFA 1832	Introduction to Welding / Oxy-Fuel	Cancelled	
WDFA 1833	Welding Processes 1 (SMAW)		
WDFA 1834	Welding Processes 2 (Semi-Automatic)		
WDFA 1835	Drawings / Trade Practice		
WDFA 1836	Layout and Fitting (2 week course)		
Level 2 – Metal Fabricator (Fitter)		7 Week Session(s)	
WDFA 1837	Drawings 2	Sep 3 – Oct 18, 2013	Akerley Campus
WDFA 1838	Shop Equipment	Mar 10 – Apr 25, 2014	Akerley Campus
WDFA 1839	Layout 2 (2 week course)		
WDFA 1840	Fabrication (2 week course)		
WDFA 1841	Cutting Processes		
Level 3 – Metal Fabricator (Fitter)		5 Week Session(s)	
WDFA 1842	Drawings 3	Nov 4 – Dec 6, 2013	Akerley Campus
WDFA 1843	Fitting and Assembly 1 (2 week course)		
WDFA 1846	Metallurgy		
WDFA 1844	Layout 3		
Level 4 – Metal Fabricator (Fitter)		4 Week Session(s)	
MTFA 1848	Fabrication 2	May 5 – May 30, 2014	Akerley Campus
MTFA 1847	Fitting & Assembly 2	June 2 – June 27, 2014	Akerley Campus
MTFA 1849	Quality Assurance & Work Planning		
MTFA 1850	Program Review		



Motor Vehicle Body Repairer (Metal & Paint)

Level 2		4 Week Session(s)
MVBA 1817	Plastics and Aluminum Repair	Apr 28 – May 23, 2014 Akerley Campus
MVBA 1818	Corrosion Protection / Electrical Fundamentals	
MVBA 1819	Primer Application and Parts Edging	
MVBA 1820	Stationary and Moveable Glass	
Level 4		4 Week Session(s)
MVBA-1825	Estimating and Quality Control	Apr 28 – May 23, 2014 Akerley Campus
MVBA-1826	Body and Frame Repair	
MVBA-1827	Steering, Suspension and Brakes	
MVBA-1830	Program Review	

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	Feb 24 – April 4, 2014 Akerley Campus
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	

Cancelled

Oil Heat System Technician *continued...*

Group B		5 Week Session(s)	
OBMA 1805	Electricity 1 (Principles of Electricity)	April 7 – May 9, 2014	Akerley Campus
OBMA 1806	Electricity 2 (Ignition Systems, Electrical Devices & Switches)		
OBMA 1818	Elec 3 (Electron & Solid State)/Motors		
OBMA 1807	Controls & Wiring		
OBMA 1809	Combustion/Chim, Vent, Draft Ctrl		
Group C		6 Week Session(s)	
OBMA 1810	Hydronic Heating Systems	May 20 – June 27, 2014	Akerley Campus
OBMA 1811	Warm Air Furnaces / Steam Systems		
OBMA 1812	Domestic Hot Water Heaters / Zoning		
OBMA 1819	House as a System / Retrofit		
OBMA 1808	Specialized Sys/ Service & Troubleshoot		
OBMA 1820	Program Review		

Plumber

Online Courses

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

Group A		7 Week Session(s)	
PLGA 0802	Safety / Tools & Equipment	Sep 9 – Oct 25, 2013	IT Campus
PLGA 0801	Blueprint Reading & Interpretation 1 (Basic / Residential)	Jan 6 – Feb 21, 2014	IT Campus
PLGA 1810	Pipe, Fittings & Piping Assembly 1A (Ferrous)		
PLGA 1811	Pipe, Fittings & Piping Assembly 1B (Non-Ferrous)		
PLGA 1820	Drainage & Venting Systems 1A (Residential)		
PLGA 1821	Drainage & Venting Systems 1B (Residential)		
PLGA 1822	Water Supply 1 (Water Service / Rough-In)		

Plumber continued...

Group B		6 Week Session(s)	
PLGA1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Sep 9 – Oct 18, 2013	IT Campus
PLGA1835	Basic Electricity	Jan 13 – Feb 21, 2014	IT Campus
PLGA1808	Hydronic Heating 1 (Basic)	Mar 10 – Apr 18, 2014	IT Campus
PLGA1836	Drainage & Venting Systems 2A (Storm Sys) / Soldering & Brazing	Apr 28 – June 6, 2014	IT Campus
PLGA1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2	Jan 13 – Feb 21, 2014	Kingstec Campus
PLGA1825	Drainage & Venting Systems 2B (Commercial Drainage)	Nov 4 – Dec 13, 2013	Marconi Campus
Group C		5 Week Session(s)	
PLGA 1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Nov 4 – Dec 6, 2013	IT Campus
PLGA 1834	Drainage & Venting Systems 2C (Commercial Venting)	Jan 13 – Feb 14, 2014	IT Campus
PLGA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Mar 10 – Apr 11, 2014	IT Campus
PLGA 1809	Hydronic Heating 2 (Advanced)	Mar 3 – Apr 4, 2014	Kingstec Campus
PLGA 1843	Gas Piping 1 (Low Pressure)	Jan 6 – Feb 7, 2014	Marconi Campus
Group D		7 Week Session(s)	
PLGA 1838	Water Supply 3 (Water Softeners & Conditioning)	Oct 28 – Dec 13, 2013	IT Campus
PLGA 1842	Cross Connection Control	Mar 10 – Apr 25, 2014	IT Campus
PLGA 1839	Rural Water Supply / Rural Waste	May 5 – June 20, 2014	IT Campus
PLGA 1840	Specialty Plumbing Applications	Apr 14 – May 30, 2014	Kingstec Campus
PLGA 1828	Drainage & Venting Systems 3 (Commercial / Industrial)	Feb 17 – Apr 4, 2014	Marconi Campus
PLGA 1841	Gas Piping 2 (High Pressure)		
PLGA 1844	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 9 – Sep 27, 2013	Akerley Campus
PESC 1802	Applied Mechanics		

2-A2

3 Week Session(s)

PESC 1803	Thermodynamics	Nov 12– Nov 29, 2013	Akerley Campus
PESC 1804	Metallurgy		

2-A3

3 Week Session(s)

PESC 1805	Boilers	Jan 6 – Jan 24, 2014	Akerley Campus
PESC 1806	Pumps and Water Treatment		

2-B1

3 Week Session(s)

PESC 1807	Heat Engines and Prime Movers	Feb 17 – Mar 7, 2014	Akerley Campus
PESC 1808	Lubrication, Piping and Mechanical Drawing		

2-B2

3 Week Session(s)

PESC 1809	Plant Systems and Instrumentation	Mar 31 – Apr 18, 2014	Akerley Campus
PESC 1810	Fuels and Combustion and Environment Protection		

2-B3

3 Week Session(s)

PESC 1811	Electro-technology	May 19 – June 6, 2014	Akerley Campus
PESC 1812	Compression and Refrigeration		

Powerline Technician

Level 2		5 Week Session(s)	
PLTA 1807	Advanced AC Theory 1	Jan 20 – Feb 21, 2014	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 3		5 Week Session(s)	
PLTA-1812	Transformers	Mar 3 – April 4, 2014	IT Campus
PLTA-1813	Underground Systems & Environmental Protocol		
PLTA-1814	Polyphase Generation		
PLTA-1815	Three-Phase Systems		
PLTA-1816	Transformer Banking		
Level 4		4 Week Session(s)	
PLTA 1817	Three-Phase Equipment	April 14 – May 9, 2014	IT Campus
PLTA 1818	Substation & System Protection		
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	May 5 – June 13, 2014	Waterfront Campus
RACA 1832	Refrigeration Fundamentals		
RACA 1833	Air Conditioners, Refrigeration and Piping (2 week course)		
RACA 1834	Compressors 1 / Ancillary Devices		
RACA 1835	Electrical Fundamentals / Motors 1		

Refrigeration and A/C mechanic *continued...*

Level 2		6 Week Session(s)	
RACA 1836	Evaporation	Sep 9 – Oct 18, 2013	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	Nov 4 – Dec 13, 2013	Waterfront Campus
RACA 1842	Compressor Modulation	Apr 14 – May 23, 2014	Waterfront Campus
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	Jan 6 – Feb 14, 2014	Waterfront Campus
RACA 1848	Duct Systems	Feb 24 – Apr 4, 2014	Waterfront Campus
RACA 1849	Heating Systems		
RACA 1852	Industrial Systems		
RACA 1851	Troubleshooting / Job Coordination		
RACA 1827	Program Review		

Roofer

Level 2	6 Weeks	Mar 24 – May 2, 2014	Akerley Campus
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Level 3	6 Weeks	Jan 6 – Feb 14, 2014	Akerley Campus
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Sheet Metal Worker

Level 1	8 Week Session(s)
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SMWA 1824	Safety/Elevating Devices	Sep 3 – Oct 25, 2013	Akerley Campus
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		

Level 2	6 Week Session(s)
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SMWA 1832	Blueprint 1	Jan 6 – Feb 14, 2014	Akerley Campus
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		

Sheet Metal Worker *continued...*

Level 3		6 Week Session(s)	
SMWA 1838	Blueprint 2	Nov 4 – Dec 13, 2013	Akerley Campus
SMWA 1839	Pattern Development 3 (Parallel Line)		
SMWA 1840	Pattern Development 3 (Radial Line)		
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	Feb 24 – Apr 4, 2014	Akerley Campus
SMWA-1845	System Maintenance		
SMWA-1846	Metal Roofing & Architectural Metal		
SMWA-1847	Welding 4		
SMWA-1848	Special Products		
SMWA-1853	Program Review		

Sprinkler System Installer

Level 1	8 Weeks	Sep 30- Nov 22, 2013	UA Local 56
Level 2	8 Weeks	Jan 6- Feb 28, 2014	UA Local 56
Level 3	8 Weeks	Mar 17- May 9, 2014	UA Local 56


Steamfitter/Pipefitter

Level 1		6 Week Session(s)	
STMA 0802	Safety, Tools & Equipment	Sep 9 – Oct 18, 2013	IT Campus
STMA-1863	Blueprint Reading & Interpret 1 (Basic Commercial)	Jan 6 – Feb 14, 2014	Cancelled
STMA 1810	Pipe, Fittings & Piping Assembly 1A (Ferrous) (2 week course)	Sep 16 – Oct 25, 2013	Marconi Campus
STMA 1811	Pipe, Fittings & Piping Assembly 1B (Non-Ferrous)	Sep 16 – Oct 25, 2013	Pictou Campus
STMA 1806	Pipe, Fittings & Piping Assembly 2		
Group B		6 Week Session(s)	
STMA 1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Sep 9 – Oct 18, 2013	IT Campus
STMA 1808	Hydronic Heating 1 (Residential)	Jan 13 – Feb 21, 2014	IT Campus
STMA 1849	Introduction to Electricity	Sep 16 – Oct 25, 2013	Marconi Campus
STMA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Nov 4 – Dec 13, 2013	Marconi Campus
STMA 1805	Fuel / Electric Welding & Cutting	Nov 4 – Dec 13, 2013	Pictou Campus
STMA 1830	Specialty Piping Applications		
Group C		6 Week Session(s)	
STMA 1809	Hydronic Heating 2 (Commercial)	Oct 28 – Dec 6, 2013	IT Campus
STMA 1848	Pipe Bending	Mar 3 – Apr 11, 2014	IT Campus
STMA 1844	Low Pressure Steam	Apr 28 – June 6, 2014	IT Campus
STMA 1851	Pipe Template Development	Jan 13 – Feb 21, 2014	Marconi Campus
STMA 1852	Pipe Layout & Fabrication	Jan 13 – Feb 21, 2014	Marconi Campus
STMA 1853	Gas Piping 1	Apr 28 – Jun 6, 2014	Marconi Campus
		Jan 13 – Feb 21, 2014	Pictou Campus



Steamfitter/Pipefitter continued...

Group D		7 Week Session(s)	
STMA 1854	Gas Piping 2	Oct 28 – Dec 13, 2013	IT Campus
STMA 1855	Refrigeration / Instrumentation	Mar 3 – Apr 18, 2014	IT Campus
STMA 1846	Specialty Steamfitting-Pipefitting Systems	Mar 3 – Apr 18, 2014	Marconi Campus
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	Mar 3 – Apr 18, 2014	Marconi Campus
STMA 1850	Pumps / Compress & Hydraulic Sys2	Apr 28 – Jun 13, 2014	Marconi Campus
STMA 1856	High Pressure Steam	Mar 3 – Apr 18, 2014	Pictou Campus
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 Level 1 entry for Heavy Duty Equip Technician .


Level 2	7 Week Session(s)
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For information about Level 2 training, see the Level 2 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 as an additional week either before or after the regularly scheduled training session (see dates below). This extra week is for individuals who have completed the old Group B training, and for other individuals who require this course.</p>
TTMA 1802	Wheels, Steering & Alignment	
TTMA 1803	Gasoline Fuel Injection Systems	
TTMA-1807	Automatic Transmissions and Torque Converters	
TTMA-1806	Dual Air and ABS Brake Systems	
TTMA-1808	Cab Components	<p>Jan 6 – Feb 14, 2014 (*plus extra week [Feb 17th to Feb 21st] for IMPA 1820, if required)</p> <p>Feb 24 – Apr 4, 2014 (*plus extra week [Feb 17th to Feb 21st] for IMPA 1820, if required)</p> <p>Apr 14 – May 23, 2014 (*no extra week offered for this training session)</p> <p>May 26 – July 4, 2014 (*no extra week offered for this training session)</p>
*IMPA-1820	*HVAC Systems(if required)	Akerley Campus
		Akerley Campus
		Akerley Campus
		Akerley Campus

Truck and Transport Mechanic continued...

Level 4		5 Week Session(s)
TTMA 1809	Vehicle Inspection	Apr 14 – May 16, 2014 Akerley Campus
TTMA 1816	Fuel Systems 2	May 12 – June 13, 2014 Akerley Campus
TTMA 1817	Electronic Control & Monitoring Systems	May 20 – June 20, 2014 Akerley Campus
TTMA 1818	Engine Diagnosis	
TTMA 1819	Program Review	

Welder

New Level 1	8 Week Session(s)
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For information about Level 1 training, see the Level 1 entry for Metal Fabricator (Fitter).

New Level 2		6 Week Session(s)	
WLDA 1837	Cutting and Gouging	Nov 4 – Dec 13, 2013	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)		

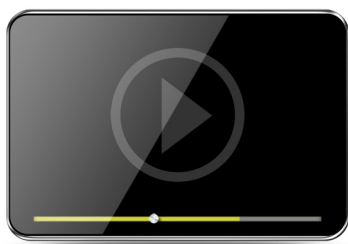
New Level 3		7 Week Session(s)	
WLDA 1842	Metallurgy	Jan 13 – Feb 28, 2014	Akerley Campus
WLDA 1843	SMAW (Pipe and Tubing)	Mar 10 – Apr 25, 2014	Akerley Campus
WLDA 1844	Jigs and Fixtures		
WLDA 1845	GMAW / FCAW (Pipe and Tubing)		
WLDA 1846	GTAW (Pipe, Tubing and Alloys)		
WLDA 1847	Special Processes		
WLDA 1824	Program Review		

exam information

Frequently Asked Questions

For a list of frequently asked questions, including eligibility requirements, how to apply, etc., please visit the Exam FAQ page on the Apprenticeship Training website:

nsapprenticeship.ca/apprentices/exam_faqs.asp



Exam Preparation Videos + Resources

For videos on how to prepare to write your Red Seal exam and links to free practice exams, study materials and resources, exam breakdowns (counseling sheets) and National Occupational Analyses, please visit the Exam Preparation page on our website:

nsapprenticeship.ca/apprentices/exam_prep.asp

Exam Schedule

Please click [here](#), or visit our website:

nsapprenticeship.ca/publications/Exam_Schedule.pdf

Exam Locations

Please click [here](#) or see page 3.

Contact Us

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