

# TRAINING SCHEDULE

2014 | 2015

Nova Scotia Apprenticeship Agency

## **D**eclaration of Waiver

The information in this Training Schedule was valid at the time of posting. The Nova Scotia Apprenticeship Agency 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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## general information

### Online Learning

The Virtual Campus of the Nova Scotia Community College, in partnership with the Apprenticeship Agency, 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](http://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](http://www.apprenticeship.nsc.ca)

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

### Foundations for Success

#### Disability Services

The Agency 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 Agency 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 Nova Scotia Apprenticeship Agency 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 website, [nsapprenticeship.ca](http://nsapprenticeship.ca)) and submit it, along with a non-refundable tuition *deposit* of \$87.61, to the Apprenticeship Agency.

The tuition *balance* 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.

### 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)

## Training Registration and Deadlines

Training Providers will not permit an individual to attend technical training unless they have been registered through the Apprenticeship Agency. 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 Agency. 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: [nsapprenticeship.ca/apprentices/training/technical-training](http://nsapprenticeship.ca/apprentices/training/technical-training)

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- The 2nd Friday in June is the registration deadline for courses starting September to December.
  - The 2nd Friday in October is the registration deadline for all courses starting after January.
- Tuition deposits will NOT be accepted without the completed TTEF.

## Training and Exam Locations

NSCC Virtual Campus  
(Online Learning)

[www.apprenticeship.nsc.ca](http://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

## 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 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/scholarships\\_and\\_bursaries](http://www.nsc.ca/admissions/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/about/financial-assistance/ei-benefits](http://nsapprenticeship.ca/about/financial-assistance/ei-benefits)

### 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 Agency website. Click [here](#) for more information.

- 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 table below outlines the awards that are available for apprentices who are registered in non-Red Seal trades:

- The Apprentice Progression Award (APA) is \$750.00 for those who have successfully completed all technical training and have received a Certificate of Apprenticeship in a non-Red Seal trade.
- The Apprentice Completion Award (ACA) is \$2,000.00 for those who have successfully completed all technical training, have successfully completed the certification exam and have received both a Certificate of Apprenticeship and Certificate of Qualification in a non-Red Seal trade.

**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	APA	ACA
	\$750	\$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

The table on the following page outlines the awards and grants that are available for apprentices who are registered in Red Seal trades: the Apprenticeship Incentive Grant (AIG), the Apprentice Progression Award (APA) and the Apprenticeship Completion Grant (ACG).

## Awards and Grants Eligibility at a Glance | Red Seal Trades



RED SEAL TRADE	AIG		APA		ACG	ACA
	\$1,000	\$1,000	\$750	\$750	\$2,000	\$2,000
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	
Automotive Service Tech 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	AST: See note below
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-3	7 Weeks	Sep 2 – Oct 17, 2014	Akerley Campus
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18S-4	7 Weeks	Jan 12 – Feb 27, 2015	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](http://www.apprenticeship.nsc.ca)

Level 1		6 Week Session(s)	
ASTA 1831	Fundamental Skills	Nov 3 – Dec 12, 2014	Akerley Campus
ASTA 1832	Chassis Systems 1	Jan 5 – Feb 13, 2015	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	Sep 8 – Oct 17, 2014	Akerley Campus
ASTA 1817	Engine Cooling and Lubrication	May 4 – June 12, 2015	Akerley Campus
ASTA 1804	Starting and Charging Systems	Mar 30 – May 8, 2015	Marconi Campus
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 &amp; 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 3 – Nov 28, 2014    Akerley Campus (*plus extra week [Oct 27th to Oct 31st] for ASTA 1835, if required)</p> <p>Mar 9 – Apr 3, 2015    Akerley Campus (*plus extra week [Mar 2nd to Mar 6th] for ASTA 1835, if required)</p> <p>May 11 – June 5, 2015    Akerley Campus (*plus extra week [May 4th to May 8th] 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	Jan 5 – Feb 20, 2015    Akerley Campus
ASTA-1847	Vehicle Alignment	Mar 2 – Apr 17, 2015    Akerley Campus
ASTA-1839	Gasoline Fuel Systems	Apr 27 - June 12, 2015    Akerley Campus
ASTA-1840	Vehicle Management Systems	May 4 - June 19, 2015    Akerley Campus
ASTA-1841	Intake & Emission Systems / Veh Insp	
ASTA-1845	Alternate Fuels and Energy Sources	
ASTA-1846	ABS Brake and Restraint Systems	

## Automotive Service Technician *continued...*

Level 4		7 Week Session(s)	
ASTA 1838	Engine Repair	Sep 2 – Oct 17, 2014	Akerley Campus
ASTA 1842	Manual Transmissions & Transaxles / Clutches and Flywheels	Mar 9 – Apr 24, 2015	Akerley Campus
		May 4 - June 19, 2015	Akerley Campus
ASTA 1844	Diesel Fuel Injection Systems	Oct 27 – June 12, 2015 (part-time, evenings/wkends)	Burridge Campus
ASTA 1848	Electrical and Electronic Systems 2	May 18 - July 3, 2015	Marconi Campus
ASTA 1849	Automatic Transmissions and Transaxles		
ASTA 1850	Heating, Ventilation and Air Conditioning Systems		
ASTA 1830	Program Review		

## Blaster

### Online Courses

The following Blaster courses are available online at NSCC's Virtual Campus:

- Blaster Certification Renewal Course: How to apply online:  
[nsapprenticeship.ca/sites/default/files/docs/pubs/Online\\_Info\\_Sheet.pdf](http://nsapprenticeship.ca/sites/default/files/docs/pubs/Online_Info_Sheet.pdf)
- Blasting Safety Course: Visit NSCC's Virtual Campus website for details:  
[www.apprenticeship.nsc.ca](http://www.apprenticeship.nsc.ca)

Blaster Certification Renewal - IN-CLASS	Mar 3, 2015	Strait Area Campus
	Mar 10, 2015	Akerley Campus

## Boilermaker

Entry Level	6 Weeks	Mar 30 – May 8, 2015	Marconi Campus
Level 1	6 Weeks	Feb 17 – Mar 27, 2015	Marconi Campus
Level 2	6 Weeks	Jan 5 – Feb 13, 2015	Marconi Campus
Level 3	6 Weeks	Nov 10 – Dec 19, 2014	Marconi Campus

## Bricklayer

New Group A – Bricklayer		6 Week Session(s)	
BRKA 0801	Safety / Rigging & Scaffolding	May 19 - June 26, 2015	Dartmouth Gate
BRKA 0802	Introduction 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		
New Group B – Bricklayer		7 Week Session(s)	
BRKA 1807	Concrete Block Foundations	Mar 23 – May 8, 2015	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	Jan 26 – Mar 13, 2015	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](http://www.apprenticeship.nsc.ca)

Level 1		8 Week Session(s)	
CARA 0800	Construction Safety	Jan 5 - Feb 27, 2015	Akerley Campus
CARA 0824	Introduction to Building Materials	Feb 23 - Apr 13, 2015	Akerley Campus
CARA 0801	Carpentry Tools	Mar 30 - May 22, 2015	Marconi 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	Sep 22 - Oct 24, 2014	Akerley Campus
CARA 1803	Equal Sloped Hip Roofs	Mar 9 - Apr 10, 2015	Akerley Campus
CARA 1804	Intersecting Roofs of Equal Slope	Nov 10 - Dec 12, 2014	Marconi Campus
CARA 1826	Windows and Doors		
CARA 1806	Exterior Siding / Cladding		
Level 3		5 Week Session(s)	
CARA 1807	Floor, Wall and Ceiling Coverings	Sep 29 - Oct 31, 2014	Akerley Campus
CARA 1809	Common Stairs	Nov 10 - Dec 12, 2014	Akerley Campus
CARA 1812	Advanced Stairs	Jan 19 - Feb 20, 2015	Burridge Campus
CARA 1811	Advanced Roofs	Jan 19 - Feb 20, 2015	Cumberland Campus
CARA 1810	Cabinets and Millwork	Jan 5 - Feb 6, 2015	Marconi Campus

## 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>Nov 10 - Dec 12, 2014    Akerley Campus (*plus extra week [Nov 3rd to Nov 7th] for CARA 1812, if required)</p> <p>Jan 12 – Feb 13, 2015    Akerley Campus (*plus extra week [Jan 5th to Jan 9th] for CARA 1812, if required)</p> <p>Feb 23 - Mar 27, 2015    Marconi Campus (*plus extra week [Feb 16th to Feb 20th] 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](http://www.apprenticeship.nsc.ca)

Level 3		6 Week Session(s)
COOA 1809	Cold Kitchen 2	Jan 12 – Feb 20, 2015    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 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](http://www.apprenticeship.nsc.ca)

Level 1		7 Week Session(s)	
ELEA 0801	Safety Practices / Building Codes	Sep 2 – Oct 17, 2014	Marconi Campus
ELEA 0802	Generic Blueprint	Sep 2 – Oct 17, 2014	Waterfront Campus
ELEA 1804	Tools & Equipment	Jan 12 – Feb 27, 2015	Waterfront Campus
ELEA 1805	DC Theory / Series & Parallel Circuits	May 4 – June 19, 2015	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	Jan 19 – Mar 6, 2015	Burridge Campus
ELEA 1831	Single-Phase Theory 2	Oct 27 – Dec 12, 2014	Kingstec Campus
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Apr 27 – June 12, 2015	Marconi Campus
ELEA 1810	Distribution Equip/ Protective Devices	Sep 2 – Oct 17, 2014	Marconi Campus
ELEA 1825	Lighting & Controls	Oct 27 – Dec 12, 2014	Marconi Campus
ELEA 1808	Heating Systems	Sep 2 – Oct 17, 2014	Waterfront Campus
ELEA 1832	Single-Phase Service Entrance	Sep 2 – Oct 17, 2014	Waterfront Campus
		Oct 27 – Dec 12, 2014	Waterfront Campus
		Oct 27 – Dec 12, 2014	Waterfront Campus
		Oct 27 – Dec 12, 2014	Waterfront Campus
		Jan 12 – Feb 27, 2015	Waterfront Campus
		Jan 12 – Feb 27, 2015	Waterfront Campus
		Mar 9 – Apr 24, 2015	Waterfront Campus
		Mar 9 – Apr 24, 2015	Waterfront Campus
		May 4 – June 19, 2015	Waterfront Campus
		May 4 – June 19, 2015	Waterfront Campus

## Electrician, Construction and Industrial continued...

Level 3		7 Week Session(s)	
ELEA 1812	Transformers	Jan 12 – Feb 27, 2015	Kingstec Campus
ELEA 1814	DC Machines & Controls	Oct 27 – Dec 12, 2014	Marconi Campus
ELEA 1816	AC Generators / Three-Phase Motors	Jan 5 – Feb 20, 2015	Marconi Campus
ELEA 1815	Single-Phase Motors	Mar 2 – Apr 17, 2015	Cancelled Marconi Campus
ELEA 1817	Motor Starters / Control Devices (2 week course)	Sep 2 – Oct 17, 2014	Waterfront Campus
ELEA 1833	Three-Phase Service Entrance	Sep 2 – Oct 17, 2014	Waterfront Campus
		Oct 27 – Dec 12, 2014	Waterfront Campus
		Oct 27 – Dec 12, 2014	Waterfront Campus
		Jan 12 – Feb 27, 2015	Waterfront Campus
		Jan 12 – Feb 27, 2015	Waterfront Campus
		Mar 9 – Apr 24, 2015	Waterfront Campus
		Mar 9 – Apr 24, 2015	Waterfront Campus
		May 4 – June 19, 2015	Waterfront Campus
Level 4		7 Week Session(s)	
ELEA-1813	High-voltage Systems	Mar 16 – May 1, 2015	Burridge Campus
ELEA-1822	Troubleshooting / Electrical Blueprint	Sep 2 – Oct 17, 2014	Kingstec Campus
ELEA-1838	Power Supply and Rectifiers / Drives	Mar 9 – Apr 24, 2015	Kingstec Campus
ELEA 1823	Emergency Stand-by/ Comm Systems	Jan 5 – Feb 20, 2015	Marconi Campus
ELEA 1818	Programmable Logic Controllers	Mar 2 – Apr 17, 2015	Marconi Campus
ELEA 1821	Signaling Systems	Apr 27 – June 12, 2015	Marconi Campus
ELEA 1835	Program Review	Mar 16 – May 1, 2015	Pictou Campus
		May 19 – July 3, 2015	Truro Campus
		Sep 2 – Oct 17, 2014	Waterfront Campus
		Oct 27 – Dec 12, 2014	Waterfront Campus
		Jan 12 – Feb 27, 2015	Waterfront Campus
		Mar 9 – Apr 24, 2015	Waterfront Campus
		Mar 9 – Apr 24, 2015	Waterfront Campus

## Electrician, Construction and Industrial continued...

Level 5 – Industrial Electrician		6 Week Session(s)	
IELA 1826	Hydraulic / Pneumatic Systems	May 4 – June 12, 2015	Waterfront Campus
IELA 1828	Process Control / Distr. Control Sys	May 4 – June 12, 2015	Waterfront Campus
IELA 1841	Analog and Digital Devices		
IELA 1830	Boiler Control & Air Conditioning		
IELA 1840	Vibr Analysis / Enviro Control Systems		
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.nscc.ca](http://www.apprenticeship.nscc.ca)

## Heavy Duty Equipment Technician

Level 1 – Heavy Duty Equip Tech AND Truck & Transport Mechanic		7 Week Session(s)	
IMPA 0801	Fundamental Shop Skills	Sep 2 – Oct 17, 2014	Akerley Campus
IMPA 1803	Basic Electrical & Electronic Principles		
IMPA 1804	Hydraulics I		
IMPA 1805	Lubricants, Lubrication & Cooling		
IMPA 1806	Braking Systems		
IMPA 1807	Engine Principles		
MPOA 1800	Basic Welding		

  

Level 2 – Heavy Duty Equip Tech AND Truck & Transport Mechanic		7 Week Session(s)	
IMPA 1808	Drive Lines	Sep 2 – Oct 17, 2014	Akerley Campus
IMPA 1809	Ignition Systems	Oct 27 – Dec 12, 2014	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		

## Heavy Duty Equipment Technician continued...

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 23 – Feb 27, 2015, 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> <p>Jan 12 – Feb 20, 2015    Akerley Campus</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)	

Level 4 – Heavy Duty Equipment Technician		5 Week Session(s)
HDEA-1815	Preventative Maint & Inspection	Apr 20 – May 22, 2015    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	May 4 – June 19, 2015    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	Sep 2 – Oct 17, 2014	IT Campus
IMMA 1813	Bearings & Lubrication		
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)	Oct 27 – Dec 12, 2014	IT Campus
IMMA 1814	Fluid Power 1 (Bas Hyd, Schem, Comp)	Mar 9 – Apr 24, 2015	IT Campus
IMMA 1815	Fluid Power 2 (Controls, Circ & Test)		
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	Jan 12 – Feb 27, 2015	IT Campus
IMMA 1824	Steam & Gas Turbines	Mar 9 – Apr 24, 2015	IT Campus
IMMA 1811	Alignment 1 (Basic)		
IMMA 1828	Align 2 (Reverse & Cross Dial, Laser)		
IMMA 1825	Dynamic Bal/Vib Anal / Maintenance		
IMMA 1826	Machin Installation & Optical Align		
IMMA 1830	Program Review		

## Instrumentation and Control Technician

New Level 1	7 Weeks	Oct 27 – Dec 12, 2014	Marconi Campus
New Level 3	7 Weeks	Jan 19 – Mar 6, 2015	Marconi Campus
New Level 4	7 Weeks	Mar 30 – May 15, 2015	Marconi Campus

## Insulator (Heat and Frost)

Level 2	6 Weeks	Apr 6 – May 15, 2015	Local 116
Level 3	7 Weeks	Sep 8 – Oct 24, 2014	Local 116
		Jan 12 – Feb 27, 2015	Local 116

**Cancelled**

## Ironworker (Reinforcing)

Level 1		8 Week Session(s)	
IRWA 1801	Safety Tools and Equipment	Oct 20 – Dec 12, 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		7 Week Session(s)	
IRWA 1828	Reinforced Concrete 1 (Preparation)	Feb 17 – Apr 3, 2015	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		

## Ironworker (Structural | Ornamental)

Level 1		8 Week Session(s)	
IRWA 1801	Safety Tools and Equipment	Aug 18 – Oct 10, 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		5 Week Session(s)	
IRWA-1825	Welding 2	Jan 5 – Feb 6, 2015	Pictou Campus
IRWA-1835	Structural Steel Preparation		
IRWA-1834	Blueprint (Structural/Ornamental)		
IRWA-1826	Structural Steel Erection & Dismantling (2 week course)		
Level 3		8 Week Session(s)	
IRWA 18040	Welding 3	Apr 13 – June 5, 2015	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](http://www.apprenticeship.nsc.ca)

#### New Level 2

#### 4 Week Session(s)

MCHA 1813	Advanced Lathe Operations
MCHA 1814	Vertical Milling Machine Operations (2 week course)
MCHA 1841	Specialty Machinable Materials

Oct 27 – Nov 24, 2014 IT Campus

**Cancelled**

#### New Level 3

#### 6 Week Session(s)

*MCHA 1829	*Material Selection & Heat Treat / Carbide Tooling
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

\*Course MCHA 1829, Material Selection & Heat Treatment / Carbide Tooling, is delivered during the first week of the training session. This week is not required for some individuals who have completed the old Group C training.

Jan 19 – Feb 27, 2015 IT Campus

#### New Level 4

#### 5 Week Session(s)

MCHA 1839	Quality Inspection / Reconditioning
MCHA-1821	CNC Programming
MCHA-1846	CNC Operation (2 weeks)
MCHA 1830	Program Review

May 4 – June 5, 2015 Waterfront Campus



## Metal Fabricator (Fitter)

Level 1 – Metal Fabricator (Fitter) AND Welder		8 Week Session(s)	
WDFA 1830	Safety, Tools and Equipment	Sep 2 – Oct 24, 2014	Akerley Campus
WDFA 1831	Material Handling		
WDFA 1832	Introduction to Welding / Oxy-Fuel		
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 8 – Oct 24, 2014	Akerley Campus
WDFA 1838	Shop Equipment	Jan 12 – Feb 27, 2015	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 3 – Dec 5, 2014	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	Mar 23 – Apr 17, 2015	Akerley Campus
MTFA 1847	Fitting & Assembly 2	Apr 20 – May 15, 2015	Akerley Campus
MTFA 1849	Quality Assurance & Work Planning		
MTFA 1850	Program Review		

## Motor Vehicle Body Repairer (Metal & Paint)

Level 1		5 Week Session(s)
MVBA 0801	Shop and Safety	Apr 27 – May 29, 2015 Akerley Campus
MVBA 1802	Auto Body Welding	
MVBA 1803	Vehicle Construction	
MVBA 1828	Metal Working	
MVBA 1805	Auto Body Preparation	
Level 3		4 Week Session(s)
MVBA-1821	Structural & Non-Struc Components	Apr 27 – May 22, 2015 Akerley Campus
MVBA-1822	Mechanical Sys & Damage Analysis	
MVBA-1823	Restraints and Electrical Repairs	
MVBA-1824	Colour Application	

## 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: <a href="http://www.apprenticeship.nsc.ca">www.apprenticeship.nsc.ca</a>		
Group A		6 Week Session(s)
OBMA 0801	Fundamental Skills	Mar 23 – May 12, 2015 <b>Cancelled</b> 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	

## Oil Heat System Technician *continued...*

Group B		5 Week Session(s)	
OBMA 1805	Electricity 1 (Principles of Electricity)	May 4 – June 5, 2015	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	June 15 – July 24, 2015	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](http://www.apprenticeship.nscc.ca)

Group A		7 Week Session(s)	
PLGA 0802	Safety / Tools & Equipment	Sep 8 – Oct 24, 2014	IT Campus
PLGA 0801	Blueprint Reading & Interpretation 1 (Basic / Residential)	Jan 5 – Feb 20, 2015	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 8 – Oct 17, 2014	IT Campus
PLGA1835	Basic Electricity	Jan 12 – Feb 20, 2015	IT Campus
PLGA1808	Hydronic Heating 1 (Basic)	Mar 2 – Apr 10, 2015	IT Campus
PLGA1836	Drainage & Venting Systems 2A (Storm Sys) / Soldering & Brazing	Nov 3 – Dec 1, 2014	Cancelled Marconi Campus
PLGA1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2		
PLGA1825	Drainage & Venting Systems 2B (Commercial Drainage)		
Group C		5 Week Session(s)	
PLGA 1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Nov 3 – Dec 5, 2014	IT Campus
PLGA 1834	Drainage & Venting Systems 2C (Commercial Venting)	Mar 2 – Apr 3, 2015	IT Campus
PLGA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Apr 13 – May 15, 2015	IT Campus
PLGA 1809	Hydronic Heating 2 (Advanced)	Apr 20 – May 22, 2015	IT Campus
PLGA 1843	Gas Piping 1 (Low Pressure)	Jan 5 – Feb 6, 2015	Marconi Campus
Group D		7 Week Session(s)	
PLGA 1838	Water Supply 3 (Water Softeners & Conditioning)	Oct 27 – Dec 12, 2014	IT Campus
PLGA 1842	Cross Connection Control	Apr 20 – June 5, 2015	IT Campus
PLGA 1839	Rural Water Supply / Rural Waste	Feb 16 - Apr 3, 2015	Marconi Campus
PLGA 1840	Specialty Plumbing Applications		
PLGA 1828	Drainage & Venting Systems 3 (Commercial / Industrial)		
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](http://www.apprenticeship.nsc.ca)

#### 2-A1

#### 3 Week Session(s)

PESC 1801	Industrial Legislation	Sep 8 – Sep 26, 2014	Akerley Campus
PESC 1802	Applied Mechanics		

#### 2-A2

#### 3 Week Session(s)

PESC 1803	Thermodynamics	Nov 10– Nov 28, 2014	Akerley Campus
PESC 1804	Metallurgy		

#### 2-A3

#### 3 Week Session(s)

PESC 1805	Boilers	Jan 5 – Jan 23, 2015	Akerley Campus
PESC 1806	Pumps and Water Treatment		

#### 2-B1

#### 3 Week Session(s)

PESC 1807	Heat Engines and Prime Movers	Feb 16 – Mar 6, 2015	Akerley Campus
PESC 1808	Lubrication, Piping and Mechanical Drawing		

#### 2-B2

#### 3 Week Session(s)

PESC 1809	Plant Systems and Instrumentation	Mar 30 – Apr 17, 2015	Akerley Campus
PESC 1810	Fuels and Combustion and Environment Protection		

#### 2-B3

#### 3 Week Session(s)

PESC 1811	Electro-technology	May 18 – June 5, 2015	Akerley Campus
PESC 1812	Compression and Refrigeration		

## Powerline Technician

Level 3		5 Week Session(s)	
PLTA-1812	Transformers	Apr 6 – May 8, 2015	IT Campus
PLTA-1813	Underground Systems & Environmental Protocol		
PLTA-1814	Polyphase Generation		
PLTA-1815	Three-Phase Systems		
PLTA-1816	Transformer Banking		

## Refrigeration and A/C Mechanic

Level 1		6 Week Session(s)	
RACA 1831	Safety / Tools and Equipment	Apr 13 – May 22, 2015	Waterfront Campus
RACA 1832	Refrigeration Fundamentals		
RACA 1833	Air Conditioners, Refrigeration and Piping ( <b>2 week course</b> )		
RACA 1834	Compressors 1 / Ancillary Devices		
RACA 1835	Electrical Fundamentals / Motors 1		

Level 2		6 Week Session(s)	
RACA 1836	Evaporation	Sep 8 – Oct 17, 2014	Waterfront Campus
RACA 1837	Metering Devices / Flow Controls	Nov 3 – Dec 12, 2014	Waterfront Campus
RACA 1838	Compressors 2 / Condensers		
RACA 1839	AC Installation		
RACA 1840	Control Circuits ( <b>2 week course</b> )		

Level 3		6 Week Session(s)	
RACA 1841	Refrigeration System Design	Feb 23 – Apr 3, 2015	Waterfront Campus
RACA 1842	Compressor Modulation		
RACA 1843	Commercial Refrigeration		
RACA 1844	Air Conditioning Systems		
RACA 1845	Heat Pumps		
RACA 1846	Troubleshooting Control Systems		

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

Level 4		4 Week Session(s)	
RACA 1847	AC System Design	Jan 5 – Feb 13, 2015	Waterfront Campus
RACA 1848	Duct Systems		
RACA 1849	Heating Systems		
RACA 1852	Industrial Systems		
RACA 1851	Troubleshooting / Job Coordination		
RACA 1827	Program Review		

## Roofer

Level 1	6 Weeks	Feb 2, – Mar 13, 2015	Akerley Campus
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Level 2	6 Weeks	TBD	Akerley Campus
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Level 3	6 Weeks	Mar 23 – May 1, 2015	Akerley Campus
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## Sheet Metal Worker

Level 1		8 Week Session(s)	
SMWA 1824	Safety/Elevating Devices	Sep 2 – Oct 24, 2014	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)	
SMWA 1832	Blueprint 1	Jan 5 – Feb 13, 2015	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		
Level 3		6 Week Session(s)	
SMWA 1838	Blueprint 2	Nov 3 – Dec 12, 2014	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		



## Sheet Metal Worker *continued...*

Level 4	6 Week Session(s)		
SMWA-1844	Material Handling Systems	Feb 23 – Apr 3, 2015	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 29- Nov 21, 2014	UA Local 56
Level 2	8 Weeks	Jan 5- Feb 27, 2015	UA Local 56
Level 3	8 Weeks	Mar 16- May 8, 2015	UA Local 56

## Steamfitter/Pipefitter

Level 1	6 Week Session(s)		
STMA 0802	Safety, Tools & Equipment	Sep 8 – Oct 17, 2014	IT Campus
STMA-1863	Blueprint Reading & Interpret 1 (Basic Commercial)	Sep 15 – Oct 24, 2014	Marconi Campus
STMA 1810	Pipe, Fittings & Piping Assembly 1A (Ferrous) (2 week course)	Sep 8 – Oct 17, 2014	Pictou Campus
STMA 1811	Pipe, Fittings & Piping Assembly 1B (Non-Ferrous)		
STMA 1806	Pipe, Fittings & Piping Assembly 2		

## Steamfitter/Pipefitter continued...

Level 2		6 Week Session(s)	
STMA 1864	Blueprint Reading & Interpret 2 (AdvancedCommercial)	Sep 8 – Oct 17, 2014	IT Campus
STMA 1808	Hydronic Heating 1 (Residential)	Jan 12 – Feb 20, 2015	IT Campus
STMA 1849	Introduction to Electricity	Sep 15 – Oct 24, 2014	Marconi Campus
STMA 1858	Blueprint Reading & Interpretation 3 (Industrial)	Nov 3 – Dec 12, 2014	Marconi Campus
STMA 1805	Fuel / Electric Welding & Cutting	Jan 12 – Feb 20, 2015	Pictou Campus
STMA 1859	Hoisting, Lifting and Riggin		
Group C		6 Week Session(s)	
STMA 1809	Hydronic Heating 2 (Commercial)	Oct 27 – Dec 5, 2014	IT Campus
STMA 1848	Pipe Bending	Mar 2 – Apr 10, 2015	IT Campus
STMA 1844	Low Pressure Steam	Apr 27 – June 5, 2015	IT Campus
STMA 1851	Pipe Template Development	Nov 3 – Dec 12, 2014	Marconi Campus
STMA 1852	Pipe Layout & Fabrication	Jan 5 – Feb 13, 2015	Marconi Campus
STMA 1853	Gas Piping 1	Jan 5 – Feb 13, 2015	Marconi Campus
		Mar 2 – Apr 10, 2015	Pictou Campus
Group D		7 Week Session(s)	
STMA 1854	Gas Piping 2	Oct 27 – Dec 12, 2014	IT Campus
STMA 1855	Refrigeration / Instrumentation	Mar 2 – Apr 17, 2015	IT Campus
STMA 1846	Specialty Steamfitting-Pipefitting Systems	Feb 23 – Apr 10, 2015	Marconi Campus
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	Feb 23 – Apr 10, 2015	Marconi Campus
STMA 1850	Pumps / Compress & Hydraulic Sys2	Apr 20 – June 5, 2015	Marconi Campus
STMA 1856	High Pressure Steam	Oct 27 – Dec 12, 2014	Pictou Campus
STMA 1857	Program Review		

## Truck and Transport Mechanic

### Level 1

7 Week Session(s)

For information about Level 1 training, see the Level 1 entry for Heavy Duty Equip Technician .

### Level 2

7 Week Session(s)

For information about Level 2 training, see the Level 2 entry for Heavy Duty Equip Technician.

### Level 3

6/7 Week Session(s)

TTMA-1801	Frame & Suspension Systems
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
*IMPA-1820	*HVAC Systems(if required)

\*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.

Oct 27 – Dec 5, 2014      Akerley Campus  
(\*no extra week offered for this training session)

Jan 12 – Feb 20, 2015      Akerley Campus  
(\*plus extra week [Feb 23rd to Feb 27th] for IMPA 1820, if required)

Mar 2 – Apr 10, 2015      Akerley Campus  
(\*plus extra week [Feb 23rd to Feb 27th] for IMPA 1820, if required)

### Level 4

5 Week Session(s)

TTMA 1809	Vehicle Inspection
TTMA 1816	Fuel Systems 2
TTMA 1817	Electronic Control & Monitoring Systems
TTMA 1818	Engine Diagnosis
TTMA 1819	Program Review

Jan 12 - Feb 13, 2015      Akerley Campus

Apr 20 – May 22, 2015      Akerley Campus

## Welder

### New Level 1

### 8 Week Session(s)

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 3 – Dec 12, 2014	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 12 – Feb 27, 2015	Akerley Campus
WLDA 1843	SMAW (Pipe and Tubing)	Mar 9 – Apr 24, 2015	Akerley Campus
WLDA 1844	Jigs and Fixtures	Oct 27 – June 12, 2015	Burridge Campus
WLDA 1845	GMAW / FCAW (Pipe and Tubing)	(part-time, evenings/wkends)	
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](http://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](http://nsapprenticeship.ca/apprentices/exam_prep.asp)

### Exam Schedule

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

[nsapprenticeship.ca/publications/Exam\\_Schedule.pdf](http://nsapprenticeship.ca/publications/Exam_Schedule.pdf)

### Exam Locations

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

### Contact Us

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