



APPRENTICESHIP
NOVA SCOTIA



NOVA SCOTIA

Labour and Advanced Education



APPRENTICESHIP TRAINING AND EXAMINATION SCHEDULE

2011 • 2012

Apprenticeship Training Division
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www.nsapprenticeship.ca

Apprenticeship Training and Examination Schedule 2011 • 2012

DECLARATION OF WAIVER

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

If you have questions, please contact your Training Officer.

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Online Learning

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

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

The online courses offered at NSCC's Virtual Campus are noted in the version of the training schedule available on www.nsapprenticeship.ca under Quick Links. They are also listed on NSCC's Virtual Campus site: www.apprenticeship.nsc.ca

Financial Support

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

Scholarships for Apprentices Attending NSCC

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

Please visit CANS' site, www.cans.ns.ca, for information about "Building Futures" scholarships. Also see NSCC's site: www.nsc.ca/Admissions/Cost_And_Financial_Aid/Scholarships_And_Bursaries

Awards and Grants

Taxable awards and grants are available to registered apprentices:

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

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

Awards and Grants – Eligibility at a Glance

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

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

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

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

Foundations for Success

To apply for the Document Use or Math Refresher courses listed below, complete a Technical Training Enrolment Form (available on our website: nsapprenticeship.ca/forms_and_publications/TTEForm.pdf) and submit it with a non-refundable \$82.80 tuition deposit. If you attend all classes and successfully complete the course, your deposit will be credited toward your future apprenticeship training. If you do **not** attend all classes and complete the course, your deposit will be forfeited. You must also purchase textbooks and/or course materials.

Document Use Course

The Document Use Course assists individuals to develop the skills necessary to locate and use information contained in a variety of document formats such as: lists, drawings, maps, forms, service manuals and troubleshooting charts. It is scheduled as required and delivered one to two evenings a week over a six week period.

Math Refresher Course

The Apprenticeship Training division offers a Math Refresher course to interested apprentices. This course strengthens trade math skills, as topics are covered with trades math in mind. It is scheduled as required and delivered one to two evenings a week over a six week period.

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.

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

Required Participation and Notification

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

Training Costs and Payments

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

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

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

Training Registration and Deadlines

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

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

- June 24, 2011 is the registration deadline for courses starting September to December 2011.
- October 14, 2011 is the registration deadline for all courses starting after January 1, 2012.

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

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

Training and Examination Locations

NSCC Akerley Campus	21 Woodlawn Road, Dartmouth
NSCC Bayers Lake	115 Chain Lake Drive, Bayers Lake
NSCC 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 Virtual Campus (Online Learning)	apprenticeship.nsc.ca, P: 877-491-6774
NSCC Waterfront Campus	80 Mawiomi Place, Dartmouth
Insulator (Heat and Frost), Local 116	106 Chain Lake Drive, Unit 2 D, Halifax
Plumbing and Pipefitting, Local 56	40 Neptune Crescent, Dartmouth

Apprenticeship Celebration Event

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

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

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

ASEP – GM AUTO SERVICE EDUCATION PROGRAM

17R-1	7 Weeks	NEW DATES →	Oct 31 – Dec 16, 2011	Akerley Campus
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17R-2	7 Weeks		Feb 13 – Mar 30, 2012	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	CANCELLED →	Nov 7 – Dec 16, 2011	Akerley Campus
ASTA 1832	Chassis Systems 1		Jan 16 – Feb 24, 2012	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 Systems		Jan 9 – Feb 17, 2012	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 Week Session(s)	
ASTA 1835	Maintenance Inspection & Body Adjustment	Sept 19 – Oct 14, 2011	Akerley Campus
ASTA 1836	Lighting and Wiper Systems	Mar 5 – Mar 30, 2012	Akerley Campus
ASTA 1837	Chassis Systems 2	Apr 9 – May 4, 2012	Akerley Campus
ASTA 1805	Ignition Systems		

NEW SESSION 

Level 3		7 Week Session(s)	
ASTA1839	Gasoline Fuel Systems	Oct 31 – Dec 16, 2011	Akerley Campus
ASTA1840	Vehicle Management Systems	Apr 10 – May 25, 2012	Akerley Campus
ASTA1841	Intake and Emission Systems / Vehicle Inspection		
ASTA1843	Final Drive Systems		
ASTA1845	Alternate Fuels and Energy Sources		
ASTA1846	ABS Brake and Restraint Systems		
ASTA1847	Vehicle Alignment		

Group D		5 Week Session(s)	
ASTA 1810	Clutches and Manual Transmissions	Sept 19 – Oct 21, 2011	Akerley Campus
ASTA 1811	Transfer Cases and Hub Assemblies		
ASTA 1824	Engine Management & Diagnostic Systems		
ASTA 1812	Automatic Transmission Control & Servicing		
ASTA 1825	Automatic Transmission & Transaxles Overhauling		

CANCELLED 

AUTOMOTIVE SERVICE TECHNICIAN continued...

Level 4

7 Week Session(s)

- Notes:**
- Individuals who have completed Level 3: Please register for the Level 4 courses listed below.
 - Individuals who have completed Group D: Please register for the Group E courses listed below.

ASTA-1842	Manual Transmissions & Transaxle / Clutch & Flywheels	Feb 13 – Mar 30, 2012	Akerley Campus
ASTA-1848	Electrical and Electronic Systems 2	Apr 9 – May 25, 2012	Akerley Campus
ASTA-1849	Automatic Transmissions and Transaxles		
ASTA 1838	Engine Repair		
ASTA-1844	Diesel Fuel Injection Systems		
ASTA-1850	Heating, Ventilation and Air Conditioning Systems		
ASTA 1830	Program Review		

Group E

5 Week Session(s)

Note: Individuals who completed Level 3: Please register for the Level 4 courses listed above.

ASTA-1818	Engine Diagnosis, Service & Repair	Nov 7 – Dec 16, 2011	Akerley Campus
ASTA-1819	Diesel Engines	Jan 16 – Feb 17, 2012	Truro Campus
ASTA-1814	ABS/Traction Control Systems	Apr 23 – May 25, 2012	Truro Campus
ASTA-1815	HVAC Systems		
ASTA-1830	Program Review		

CANCELLED

BLASTER

Blasting Safety

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

BOILERMAKER

Entry	6 Weeks	Apr 2 – May 11, 2012	Marconi Campus
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Level 2	6 Weeks	Feb 20 – Mar 30, 2012	Marconi Campus
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Level 3	6 Weeks	Nov 7 – Dec 16, 2011	Marconi Campus
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Level 3	6 Weeks	Jan 9 – Feb 17, 2012	Marconi Campus
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BRICKLAYER / RESTORATION STONE MASON

New Group B

7 Week Session(s)

*BRKA-1806	*Blueprint Reading / Leads (if required)
BRKA-1807	Concrete Block Foundations
BRKA-1808	Concrete Block Walls
BRKA-1809	Non-Load Bearing / Load Bearing Walls
BRKA-1810	Cavity / Composite Walls
BRKA-1818	Stone Masonry / Restoration / Repair & Repointing
BRKA-1812	Wall Extensions & Openings
BRKA-1811	Reinforced Masonry Partitions

Mar 26 – May 11, 2012 Dartmouth Gate

OR

Mar 19 – May 11, 2012 (if **BRKA-1806** is required)

May 14 – June 29, 2012 Dartmouth Gate

OR

May 14 – July 6, 2012 (if **BRKA-1806** is required)

Group D - Bricklayer ONLY

4 Week Session(s)

BRKA-1816	Barbecues / Steps & Patios
BRKA-1817	Refractory / Glass Blocks
BRKA-1819	Prefabrication / Contracting & Record Keeping
BRKA-1820	Program Review

Feb 13 – Mar 9, 2012 Dartmouth Gate

CARPENTER

Online Courses

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

Level 1

8 Week Session(s)

CARA 0800	Construction Safety
CARA 0824	Introduction to Building Materials
CARA 0801	Carpentry Tools
CARA 1819	Foundations (2 week course)
CARA 1820	Framing
CARA 0802	Construction Blueprints

Apr 16 – June 8, 2012 Marconi Campus

Apr 30 – June 22, 2012 Waterfront Campus

CARPENTER continued...

Level 2		5 Week Session(s)	
CARA 1821	Gable Roofs	Nov 14 – Dec 16, 2011	Marconi Campus
CARA 1803	Equal Sloped Hip Roofs	CANCELLED → Nov 7 – Dec 9, 2011	Waterfront Campus
CARA 1804	Intersecting Roofs of Equal Slope	Jan 9 – Feb 10, 2012	Waterfront Campus
CARA 1826	Windows and Doors		
CARA 1806	Exterior Siding / Cladding		

Group C		5 Week Session(s)	
CARA 1807	Floor, Wall and Ceiling Coverings	Jan 16 – Feb 17, 2012	Marconi Campus
CARA 1808	Interior Doors and Trim	Feb 20 – Mar 23, 2012	Waterfront Campus
CARA 1809	Common Stairs	May 22 – June 22, 2012	Waterfront Campus
CARA 1811	Advanced Roofs		
CARA 1810	Cabinets and Millwork		

Group D		6 Week Session(s)	
CARA 1814	Energy Efficient Construction	Feb 27 – Apr 6, 2012	Marconi Campus
CARA 1817	Renovation	Sept 12 – Oct 21, 2011	Waterfront Campus
CARA 1812	Advanced Stairs	Apr 2 – May 11, 2012	Waterfront Campus
CARA 1813	Heavy / Commercial Construction		
CARA 1815	Commercial Blueprint Reading & Estimating		
CARA 1825	Program Review		

COOK

Online Courses

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

COOK continued...

Level 2		6 Week Session(s)		
COOA 1803	Stock and Soups	CANCELLED →	Oct 31 – Dec 9, 2011	Akerley Campus
COOA 1804	Sauces			
COOA 1805	Meat, Poultry and Game Cutting			
COOA 1806	Meat, Poultry and Game Preparation			
COOA 1807	Fish and Seafood			
COOA 1812	Baking and Desserts 2			

Group C		7 Week Session(s)		
COOA 0801	Human Relations		Jan 16 – Mar 2, 2012	Akerley Campus
COOA 1809	Cold Kitchen 2			
COOA 1813	Baking and Desserts 3			
COOA 1814	Food Service Management 2A (Nutrition)			
COOA 1816	Food Service Management 1 (Costing)			
COOA 1815	Food Service Management 2B (Menu / Practical)			
COOA 1819	Program Review			

DOCUMENT USE REFRESHER

Sessions		Multiple Week Session(s)		
Tuesday & Thursday Evenings, 6 – 9:00 pm	Fall Session	CANCELED →	Starts Oct 18, 2011	IT Campus
	Winter Session		Starts Feb 7, 2012	Kingstec Campus Marconi Campus Pictou Campus

ELECTRICAL CERTIFICATION PREPARATORY COURSE

Sessions		Multiple Week Session(s)		
Tuesday & Thursday Evenings, 6 – 9:00 pm and Every Second Saturday, 9:00 am – 3:00 pm	Fall Session		Starts Sept 20, 2011	Waterfront Campus
	Winter Session		Starts Apr 10, 2012	Waterfront Campus

ELECTRICIAN, CONSTRUCTION AND INDUSTRIAL

Online Courses

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

Level 1

7 Week Session(s)

ELEA 0801	Safety Practices / Building Codes	Sept 6 – Oct 21, 2011	Waterfront Campus
ELEA 0802	Generic Blueprint	May 7 – June 22, 2012	Waterfront Campus
ELEA 1804	Tools & Equipment		
ELEA 1805	DC Theory / Series & Parallel Circuits		
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 16 – Mar 2, 2012	Marconi Campus
ELEA 1831	Single-Phase Theory 2	Sept 6 – Oct 21, 2011	Waterfront Campus
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Oct 31 – Dec 16, 2011	Waterfront Campus
ELEA 1810	Distribution Equipment / Protective Devices	Jan 9 – Feb 24, 2012	Waterfront Campus
ELEA 1825	Lighting & Controls	Jan 9 – Feb 24, 2012	Waterfront Campus
ELEA 1808	Heating Systems	Mar 5 – Apr 20, 2012	Waterfront Campus
ELEA 1832	Single-Phase Service Entrance	Mar 5 – Apr 20, 2012	Waterfront Campus
		May 7 – June 22, 2012	Waterfront Campus

NEW SESSION 

Group C

7 Week Session(s)

ELEA 1813	High-Voltage Systems	Oct 31 – Dec 16, 2011	Marconi Campus
ELEA 1812	Transformers	Sept 6 – Oct 21, 2011	Waterfront Campus
ELEA 1814	DC Machines & Controls	Oct 31 – Dec 16, 2011	Waterfront Campus
ELEA 1816	AC Generators / Three-Phase Motors	Jan 9 – Feb 24, 2012	Waterfront Campus
ELEA 1815	Single-Phase Motors	Mar 5 – Apr 20, 2012	Waterfront Campus
ELEA 1817	Motor Starters / Control Devices	May 7 – June 22, 2012	Waterfront Campus
ELEA 1833	Three-Phase Service Entrance		

ELECTRICIAN, CONSTRUCTION AND INDUSTRIAL continued...

Group D		7 Week Session(s)
ELEA 1822	Trouble Shooting / Electrical Blueprint	Sept 6 – Oct 21, 2011 Marconi Campus
ELEA 1819	Power Supply / Rectification / Control Circuits	May 7 – June 22, 2012 Marconi Campus
ELEA 1820	Solid State Drives	Sept 6 – Oct 21, 2011 Waterfront Campus
ELEA 1823	Emergency Stand-by/ Communication Systems	Oct 31 – Dec 16, 2011 Waterfront Campus
ELEA 1818	Programmable Logic Controllers	Jan 9 – Feb 24, 2012 Waterfront Campus
ELEA 1821	Signaling Systems NEW SESSION	Mar 5 – Apr 20, 2012 Waterfront Campus
ELEA 1835	Program Review	May 7 – June 22, 2012 Waterfront Campus

Group E – Industrial Electrician ONLY		6 Week Session(s)
IELA 1826	Hydraulic / Pneumatic Systems	Oct 31 – Dec 9, 2011 Waterfront Campus
IELA 1828	Process Control / Distributed Control Systems	
IELA 1827	Servomechanisms / Analogue Devices	
IELA 1830	Boiler Control & Air Conditioning	
IELA 1829	Precipitators / Vibration Analysis / Energy Management	
IELA 1836	Program Review	

GAS FITTER

Online Courses

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

Gas Fitter II		8 Week Session(s)
GF2A 0801	Piping and Tubing Systems for Industrial and Commercial Applications	Mar 19 – May 11, 2012 Akerley Campus
GF2A 0802	Basic Electricity	
GF2A 0803	Controls	
GF2A 0804	Gas Appliances	
GF2A 0805	Forced Air Systems	
GF2A 0806	Hydronic and Domestic Water Heat	
GF2A 0807	Building Science and Air Handling	
GF2A 0808	Liquid Propane	

GAS FITTER continued...

Gas Fitter III

7 Week Session(s)

GF3A 0801	Safety, Policies and Regulations	Jan 9 – Feb 24, 2012	Akerley Campus
GF3A 0802	Tools, Equipment and Piping		
GF3A 0803	Properties and Safe Handling of Propane		
GF3A 0804	Electrical		
GF3A 0805	Technical Manuals, Specifications and Drawings		
GF3A 0806	Gas Appliances		
GF3A 0807	Program Review		

HEAVY DUTY EQUIPMENT TECHNICIAN / TRUCK AND TRANSPORT MECHANIC

Level 1

7 Week Session(s)

IMPA.0801	Fundamental Shop Skills	Oct 31 – Dec 16, 2011	Akerley Campus
IMPA 1803	Basic Electrical & Electronic Principles	Jan 23 – Mar 9, 2012	Akerley Campus
IMPA 1804	Hydraulics I		
IMPA 1805	Lubricants. Lubrication & Cooling		
IMPA 1806	Braking Systems		
IMPA 1807	Engine Principles		
MPOA 1800	Basic Welding		

Level 2

7 Week Session(s)

IMPA 1808	Drive Lines	Sept 6 – Oct 21, 2011	Akerley Campus
IMPA 1809	Ignition Systems	Mar 19 – May 4, 2012	Akerley Campus
IMPA 1810	Fuel Systems I		
IMPA 1811	Intake & Exhaust Systems		
IMPA 1812	Clutches & Manual Transmissions		
IMPA 1813	Starting & Charging Systems		
IMPA 1820	HVAC Systems		

Group C – Truck and Transport Mechanic ONLY

7 Week Session(s)

For information about Truck and Transport Group C training, see the entry for [Truck and Transport Mechanic](#).

Group D – Truck and Transport Mechanic ONLY

5 Week Session(s)

For information about Truck and Transport Group D training, see the entry for [Truck and Transport Mechanic](#).

INDUSTRIAL MECHANIC (MILLWRIGHT)

Level 1

7 Week Session(s)

IMMA 1829	Safety and Trade Practice	Oct 31 – Dec 16, 2011	IT Campus
IMMA 1802	Power Tools		
IMMA 0803	Blueprint Reading and Sketching		
IMMA 1805	Rigging		
IMMA 0820	Metallurgy		
IMMA 1806	Machine Shop Fundamentals		
IMMA 1821	Oxy-Fuel/ Electric Arc Welding		

Level 2

7 Week Session(s)

IMMA 1807	Static & Dynamic Seals	Jan 9 – Feb 24, 2012	IT Campus
IMMA 1813	Bearings & Lubrication		
IMMA 1809	Couplings & Clutches		
IMMA 1810	Gear Drive Units		
IMMA 1812	Conveyors (Material Handling Systems)		
IMMA 1819	Sheaves & Sprockets		
IMMA 1804	Equipment & Mechanical Installation Blueprint		

Level 3

7 Week Session(s)

IMMA1808	Pumps (Positive & Non-positive)	Mar 5 – Apr 20, 2012	IT Campus
IMMA1814	Fluid Power 1 (Basic Hydraulics, Schematics & Components)	Apr 30 – June 15, 2012	IT Campus
IMMA1815	Fluid Power 2 (Controls, Circuits & Testing)		
IMMA1817	Pneumatics		
IMMA1818	Compressors		
IMMA1831	Internal Combustion Engines		
IMMA1833	Basic Electricity		

↑
NEW SESSION

INDUSTRIAL MECHANIC (MILLWRIGHT) continued...

Level 4		7 Week Session(s)	
IMMA 1822	Fans and Boilers	Sept 6 – Oct 21, 2011	IT Campus
IMMA 1824	Steam & Gas Turbines	Apr 30 – June 15, 2012	IT Campus
IMMA 1811	Alignment 1 (Basic)		
IMMA 1828	Alignment 2 (Reverse & Cross Dial, Laser)		
IMMA 1825	Dynamic Balancing / Vibration Analysis / Maintenance		
IMMA 1826	Machinery Installation & Optical Alignment		
IMMA 1830	Program Review		

INSTRUMENTATION AND CONTROL TECHNICIAN

Level 3	7 Weeks	Apr 23 – June 8, 2012	Marconi Campus
Level 4	7 Weeks	June 11 – July 27, 2012	Marconi Campus

INSULATOR (HEAT AND FROST)

Level 1		6 Week Session(s)	
		Jan 23 – Mar 2, 2012	Local 116
Level 2		6 Week Session(s)	
		Sept 12 – Oct 21, 2011	Local 116
		Apr 2 – May 11, 2012	Local 116

CANCELLED →

IRONWORKER

Level 1 8 Week Session(s)

IRWA-1801	Safety Tools and Equipment	NEW SESSIONS	Jan 9 – Mar 2, 2012	Pictou Campus
IRWA-1831	Cutting and Welding		Reinforcing only	
IRWA-1802	Rigging 1 (Hardware)		Mar 12 – May 4, 2012	Pictou Campus
IRWA-1803	Rigging 2 (Procedures)		Reinforcing only	
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 8 Week Session(s)

IRWA-1825	Welding 2	CANCELED	Jan 9 – Mar 2, 2012	Pictou Campus
IRWA-1835	Structural Steel Preparation			
IRWA-1834	Blueprint (Structural/Ornamental)			
IRWA-1826	Structural Steel Erection and Dismantling (2 week course)			
IRWA-1828	Reinforced Concrete 1 (Preparation)			
IRWA-1829	Reinforced Concrete 2 (Fabrication and Installation)			
IRWA-1824	Post-Tensioning			

Level 3 8 Week Session(s)

IRWA-1840	Welding 3	NEW DATES	May 14 – July 6, 2012	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

Level 2

4 Week Session(s)

MCHA-1828	Mechanical Fasteners / Power Transmission and Lubrication	Jan 16 – Feb 10, 2012	IT Campus
MCHA-1813	Advanced Lathe Operations		
MCHA-1814	Vertical Milling Machine Operations		
MCHA-1841	Specialty Machinable Materials		

MATH REFRESHER

Sessions

Multiple Week Session(s)

Tuesday & Thursday Evenings, 6—9:00 pm CANCELED →	Fall Session	Starts Oct 18, 2011	IT Campus
	Winter Session	Starts Feb 7, 2012	Kingstec Campus Marconi Campus Pictou Campus

METAL FABRICATOR (FITTER)

Level 1 – Metal Fabricator (Fitter)/Welder

8 Week Session(s)

WDFA-1830	Safety, Tools and Equipment	CANCELLED →	Oct 24 – Dec 16, 2011	Akerley Campus
WDFA-1831	Material Handling		Jan 9 – Mar 2, 2012	Akerley Campus
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)			

METAL FABRICATOR (FITTER) / WELDER continued...

Level 2 – Metal Fabricator (Fitter) ONLY

7 Week Session(s)

WDFA-1837	Drawings 2	NEW SESSION →	Oct 24 – Dec 9, 2011	Akerley Campus
WDFA-1838	Shop Equipment	CANCELLED →	Mar 12 – Apr 27, 2012	Akerley Campus
WDFA-1839	Layout 2 (2 week course)			
WDFA-1840	Fabrication (2 week course)			
WDFA-1841	Cutting Processes			

Level 2 – Welder ONLY

7 Week Session(s)

For information about Welder Level 2 training, see the entry for [Welder](#).

Level 3 – Metal Fabricator (Fitter) ONLY

5 Weeks

Akerley Campus

WDFA-1842	Drawings 3		May 7 – June 8, 2012	Akerley Campus
WDFA-1843	Fitting and Assembly 1 (2 week course)		Mar 12 – Apr 13, 2012	Akerley Campus
WDFA-1846	Metallurgy	NEW SESSION →		
WDFA-1844	Layout 3			

Level 3 – Welder ONLY

7 Week Session(s)

For information about Welder Level 3 training, see the entry for [Welder](#).

Old Level 4 Metal Fabricator (Fitter) ONLY

6 Weeks

Nov 7 – Dec 16, 2011

Akerley Campus

MOTOR VEHICLE BODY REPAIRER (METAL & PAINT)


Level 1

5 Week Session(s)

MVBA 0801	Shop and Safety		Apr 30 – June 1, 2012	Akerley Campus
MVBA 1802	Auto Body Welding			
MVBA 1803	Vehicle Construction			
MVBA 1828	Metal Working			
MVBA1805	Auto Body Preparation			

MOTOR VEHICLE BODY REPAIRER (METAL & PAINT) continued...

Level 2 4 Week Session(s)

MVBA-1817	Plastics and Aluminum Repair	 CANCELLED	June 4 - June 29, 2012	Akerley Campus
MVBA-1818	Corrosion Protection / Electrical Fundamentals			
MVBA-1819	Primer Application and Parts Edging			
MVBA-1820	Stationary and Moveable Glass			

Group D 4 Week Session(s)

MVBA-1814	Unitized Body Repair	NEW DATES →	Apr 30 - June 01, 2012	Akerley Campus
MVBA-1815	Estimating and Appraisal			
MVBA-1809	Refinishing			
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	CANCELLED →	Jan 9 - Feb 17, 2012	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)	Feb 27 – Mar 30, 2012	Akerley Campus
OBMA 1806	Electricity 2 (Ignition Systems, Electrical Devices & Switches)		
OBMA 1818	Electricity 3 (Electronics & Solid State) / Motors		
OBMA 1807	Controls & Wiring		
OBMA 1809	Combustion Chambers / Chimneys, Venting & Draft Control		

Group C

6 Week Session(s)

OBMA 1810	Hydronic Heating Systems	Apr 10 – May 18, 2012	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 Systems / Service & Troubleshooting		
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.nsc.ca

Group A

7 Week Session(s)

PLGA0802	Safety / Tools & Equipment	Mar 26 – May 11, 2012	Akerley Campus
PLGA0801	Blueprint Reading & Interpretation 1 (Basic / Residential)		
PLGA1810	Pipe, Fittings & Piping Assembly 1A (Ferrous)		
PLGA1811	Pipe, Fittings & Piping Assembly 1B (Non-Ferrous)		
PLGA1820	Drainage & Venting Systems 1A (Residential)		
PLGA1821	Drainage & Venting Systems 1B (Residential)		
PLGA1822	Water Supply 1 (Water Service / Rough-In)		

PLUMBER continued...

Group B		6 Week Session(s)	
PLGA1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Sept 19 – Oct 28, 2011	Akerley Campus
PLGA1835	Basic Electricity NEW SESSION →	May 22 – June 29, 2012	Akerley Campus
PLGA1808	Hydronic Heating 1 (Basic)	May 22 – June 29, 2012	Akerley Campus
PLGA1836	Drainage & Venting Systems 2A (Storm Systems) / Soldering & Brazing	Jan 23 – Mar 2, 2012	Kingstec Campus
PLGA1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2		
PLGA1825	Drainage & Venting Systems 2B (Commercial Drainage)		
Group C		5 Week Session(s)	
PLGA1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Nov 14 – Dec 16, 2011	Akerley Campus
PLGA1834	Drainage & Venting Systems 2C (Commercial Venting)	Jan 23 – Feb 24, 2012	Akerley Campus
PLGA1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Apr 10 – May 11, 2012	Akerley Campus
PLGA1809	Hydronic Heating 2 (Advanced)	Jan 09 – Feb 10, 2012	Marconi Campus
PLGA1843	Gas Piping 1 (Low Pressure)		
		↑ NEW DATES	
Group D		7 Week Session(s)	
PLGA1838	Water Supply 3 (Water Softeners & Conditioning)	Sept 26 – Nov 10, 2011	Akerley Campus
PLGA1842	Cross Connection Control	Jan 16 – Mar 2, 2012	Akerley Campus
PLGA1839	Rural Water Supply / Rural Waste	Mar 12 – Apr 27, 2012	Kingstec Campus
PLGA1840	Specialty Plumbing Applications	Feb 20 – Apr 06, 2012	Marconi Campus
PLGA1828	Drainage & Venting Systems 3 (Commercial / Industrial)		
PLGA1841	Gas Piping 2 (High Pressure)		
PLGA1844	Program Review		
		↑ NEW DATES	

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

POWER ENGINEER continued...

2-A1		3 Week Session(s)	
PESC 1801	Industrial Legislation	Sept 12 – Sept 30, 2011	Akerley Campus
PESC 1802	Applied Mechanics		
2-A2		3 Week Session(s)	
PESC 1803	Thermodynamics	Nov 14 – Dec 2, 2011	Akerley Campus
PESC 1804	Metallurgy		
2-A3		3 Week Session(s)	
PESC 1805	Boilers	Jan 9 – Jan 27, 2012	Akerley Campus
PESC 1806	Pumps and Water Treatment		
2-B1		3 Week Session(s)	
PESC 1807	Heat Engines and Prime Movers	Feb 20 – Mar 9, 2012	Akerley Campus
PESC 1808	Lubrication, Piping and Mechanical Drawing		
2-B2		3 Week Session(s)	
PESC 1809	Plant Systems and Instrumentation	Apr 2 – Apr 20, 2012	Akerley Campus
PESC 1810	Fuels and Combustion and Environment Protection		
2-B3		3 Week Session(s)	
PESC 1811	Electro-technology	May 22 – June 8, 2012	Akerley Campus
PESC 1812	Compression and Refrigeration		

POWERLINE TECHNICIAN

Level 3		5 Week Session(s)	
PLTA 1812	Transformers	Feb 27 – Mar 30, 2012	IT Campus
PLTA 1813	Underground Systems & Environmental Protocol	Apr 10 – May 11, 2012	IT Campus
PLTA 1814	Polyphase Generation		
PLTA 1815	Three-Phase Systems		
PLTA 1816	Transformer Banking		

Level 4		4 Week Session(s)	
PLTA 1817	Three-Phase Equipment	Jan 23 – Feb 17, 2012	IT Campus
PLTA 1818	Substation & System Protection	May 22 – June 15, 2012	IT Campus
PLTA 1819	Three-Phase Metering		
PLTA 1821	Program Review		

↑
NEW DATES

REFRIGERATION AND A/C MECHANIC

Level 1		6 Week Session(s)	
RACA-1831	Safety / Tools and Equipment	Nov 7 – Dec 16, 2011	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		

Level 2		6 Week Session(s)	
RACA 1836	Evaporation	Sept 12 – Oct 21, 2011	Waterfront Campus
RACA 1837	Metering Devices / Flow Controls		
RACA 1838	Compressors 2 / Condensers		
RACA 1839	AC Installation		
RACA 1840	Control Circuits (2 week course)		

REFRIGERATION AND A/C MECHANIC continued...

Level 3		6 Week Session(s)	
RACA 1841	Refrigeration System Design	Jan 23 – Mar 2, 2012	Waterfront Campus
RACA 1842	Compressor Modulation	Mar 12 – Apr 20, 2012	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	Apr 30 – June 8, 2012	Waterfront Campus
RACA 1848	Duct Systems		
RACA 1849	Heating Systems		
RACA 1852	Industrial Systems		
RACA 1851	Troubleshooting / Job Coordination		
RACA 1827	Program Review		

REFRIGERATION PLANT OPERATOR

Online Courses

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

RESTORATION STONE MASON

Group B 7 Week Session(s)

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

ROOFER

Level 1 6 Weeks Apr 2 – May11, 2012 Waterfront Campus

SHEET METAL WORKER

Level 1		8 Week Session(s)	
SMWA 1824	Safety/Elevating Devices	Oct 24 – Dec 16, 2011	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 16 – Feb 24 2012	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	Mar 12 – Apr 20, 2012	Akerley Campus
SMWA 1839	Pattern Development 3 (Parallel Line)	Mar 12 – Apr 20, 2012	Akerley Campus
SMWA 1840	Pattern Development 3 (Radial Line)	↑ NEW SESSION	
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	May 7 – June 15, 2012	Akerley Campus
SMWA-1845	System Maintenance		
SMWA-1846	Metal Roofing and Architectural Metal		
SMWA-1847	Welding 4		
SMWA-1848	Special Products		
SMWA-1853	Program Review		

SPRINKLER SYSTEM INSTALLER

Level 1	8 Weeks	Oct 17 – Dec 9, 2011	UA Local 56
Level 2	8 Weeks	Jan 9 – Mar 2, 2012	UA Local 56
Level 3	8 Weeks	Mar 12 – May 4, 2012	UA Local 56

STEAMFITTER / PIPEFITTER

Group A		5 Week Session(s)	
STMA 0802	Safety, Tools & Equipment	Sept 19 – Oct 21, 2011	Akerley Campus
STMA 0801	Blueprint Reading & Interpretation 1 (Basic / Residential)	Nov 14 – Dec 16, 2011	Marconi Campus
STMA 1810	Pipe, Fittings & Piping Assembly 1A (Ferrous)	Sept 26 – Oct 28, 2011	Marconi Campus
STMA 1811	Pipe, Fittings & Piping Assembly 1B (Non-Ferrous)		
STMA 1806	Pipe, Fittings & Piping Assembly 2		

STEAMFITTER / PIPEFITTER continued...

Group B		6 Week Session(s)	
STMA 1804	Blueprint Reading & Interpretation 2 (Advanced Residential / Commercial)	Oct 31 – Dec 9, 2011	Akerley Campus
STMA 1808	Hydronic Heating 1 (Residential)	Jan 9 – Feb 17, 2012	Akerley Campus
STMA 1849	Introduction to Electricity NEW SESSION →	Sept 19 – Oct 28, 2011	Marconi Campus
STMA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Nov 7 – Dec 16, 2011	Marconi Campus
STMA 1805	Fuel / Electric Welding & Cutting		
STMA 1830	Specialty Piping Applications		
Group C		6 Week Session(s)	
STMA 1809	Hydronic Heating 2 (Commercial)	Jan 16 – Feb 24, 2012	Akerley Campus
STMA 1848	Pipe Bending	Mar 19 – Apr 27, 2012	Akerley Campus
STMA 1844	Low Pressure Steam	Jan 9 – Feb 17, 2012	Marconi Campus
STMA 1851	Pipe Template Development	Jan 9 – Feb 17, 2012	Marconi Campus
STMA 1852	Pipe Layout & Fabrication		
STMA 1853	Gas Piping 1		
Group D		7 Week Session(s)	
STMA 1854	Gas Piping 2 NEW SESSION →	April 30 – June 15, 2012	Akerley Campus
STMA 1855	Refrigeration / Instrumentation	May 7 – June 22, 2012	Akerley Campus
STMA 1846	Specialty Steamfitting-Pipefitting Systems	Feb 27 – Apr 13, 2012	Marconi Campus
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	Feb 27 – Apr 13, 2012	Marconi Campus
STMA 1850	Pumps / Compressors & Hydraulic Systems 2	Apr 23 – June 8, 2012	Marconi Campus
STMA 1856	High Pressure Steam		
STMA 1857	Program Review	NEW SESSION ↑	

TRUCK AND TRANSPORT MECHANIC

Level 1

7 Week Session(s)

For information about Level 1 training, see the entry for [Heavy Duty Equip Tech / Truck & Transport Mechanic](#).

Level 2

7 Week Session(s)

For information about Level 2 training, see the entry for [Heavy Duty Equip Tech / Truck & Transport Mechanic](#).

Group C

7 Week Session(s)

TTMA 1801	Frame & Suspension Systems	Sept 12 – Oct 28, 2011	Akerley Campus
TTMA 1802	Wheels, Steering & Alignment	Jan 23 – Mar 9, 2012	Akerley Campus
TTMA 1803	Gasoline Fuel Injection Systems		
TTMA 1804	Automatic Transmissions		
TTMA 1805	Electrical Accessories and Engine Brakes		
TTMA 1806	Dual Air and ABS Brake Systems		
IMPA 1814	Air Conditioning Systems		

Group D

5 Week Session(s)

TTMA 1815	Preventative Maintenance and Inspection	Nov 7 – Dec 9, 2011	Akerley Campus
TTMA 1816	Fuel Systems 2	Apr 2 – May 4, 2012	Akerley Campus
TTMA 1817	Electronic Control and Monitoring Systems	May 14 – June 15, 2012	Akerley Campus
TTMA 1818	Engine Diagnosis		
TTMA 1819	Program Review		

↑
NEW SESSION

WELDER

New Level 1

8 Week Session(s)

For information about Level 1 training, see the entry for [Metal Fabricator \(Fitter\) / Welder](#).

WELDER continued...

Old Level 2		7 Week Session(s)	
WLDA1808	Blueprint Reading (Advanced)	Jan 23 – Mar 9, 2012	Akerley Campus
WLDA1804	SMAW (Exotic Metals)		
WLDA1810	Quality Control		
WLDA1811	Material Handling & Rigging		
WLDA1814	GMAW (Butt & Fillet Weld)		
WLDA1816	GMAW (Exotic Metals)		
WLDA1817	GTAW (Butt & Fillet Weld)		
Old Level 3		7 Week Session(s)	
WLDA1813	SMAW (Pipe & Tubing)	Apr 2 – May 18, 2012	Akerley Campus
WLDA1815	GMAW (Pipe & Tubing)	Apr 2 – May 18, 2012	Akerley Campus
WLDA1818	GTAW (Pipe & Tubing)	↑	
WLDA1819	GTAW (Exotic Metals)	NEW SESSION	
WLDA1820	Special Processes		
WLDA1823	FCAW (Pipe & Tubing)		
WLDA1824	Program Review		
Old Level 3 (part-time, evenings/weekends)		Multiple Week Session(s)	
WLDA1813	SMAW (Pipe & Tubing)	Oct 17 – Mar 9, 2012	Burridge Campus
WLDA1815	GMAW (Pipe & Tubing)	↑	
WLDA1818	GTAW (Pipe & Tubing)	CANCELLED	
WLDA1819	GTAW (Exotic Metals)		
WLDA1820	Special Processes		
WLDA1823	FCAW (Pipe & Tubing)		
WLDA1824	Program Review		

General Information - Examinations

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

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

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

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

Exam Checklist

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

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

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

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

When will you find out if you passed?

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

Examination Locations

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

Examination Schedule

Exam Dates (9:30 am on Saturdays)	Apply Before	Location (Yellow: Formerly IT Campus)	Exam Sitting #
October 22, 2011	September 23, 2011	Now Akerley Campus	83622
		Marconi Campus	83623
November 19, 2011	October 21, 2011	Now Akerley Campus	83624
		Marconi Campus	83625
December 17, 2011	November 18, 2011	Now Akerley Campus	83626
		Marconi Campus	83627
		BurrIDGE Campus	83628
February 4, 2012	January 6, 2012	Now Akerley Campus	83629
		Marconi Campus	83630
March 3, 2012	February 3, 2012	Now Akerley Campus	83631
		Marconi Campus	83632
April 7, 2012	March 9, 2012	Now Akerley Campus	83633
		Marconi Campus	83634
April 14, 2012	March 16, 2012	Marconi Campus	83635
April 28, 2012	March 30, 2012	Now Akerley Campus	83636
		Marconi Campus	83637
		Kingstec Campus	83638
May 26, 2012	April 27, 2012	Now Akerley Campus	83639
		Marconi Campus	83640
June 23, 2012	May 25, 2012	Now Akerley Campus	83641
		Marconi Campus	83642
July 7, 2012	June 8, 2012	Now Akerley Campus	83643
July 28, 2012	June 29, 2012	Marconi Campus	83644

Contact Information

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

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

Toll Free: 1-800-494-5651

Bridgewater

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

Port Hawkesbury

Labour and Advanced Education
Apprenticeship Training Division
c/o NSCC Strait Area Campus
226 Reeves Street,
Port Hawkesbury, NS B9A 2A2
Tel: (902) 625-3761, Fax: (902) 625-4264

Halifax (Head Office)

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

Sydney

Labour and Advanced Education
Apprenticeship Training Division
338 Charlotte Street,
Sydney, NS B1P 1C8
Tel: (902) 563-2149, Fax: (902) 563-3491

Kentville

Labour and Advanced Education
Apprenticeship Training Division
Suite 202, 10 Webster Street,
Kentville, NS B4N 1H7
Tel: (902) 679-6203, Fax: (902) 679-6235

Truro

Labour and Advanced Education
Apprenticeship Training Division
Suite 3 - 60 Lorne Street,
Truro, NS B2N 3K3
Tel: (902) 893-5988, Fax: (902) 893-6104

New Glasgow

Labour and Advanced Education
Apprenticeship Training Division
187 Terra Cotta Drive,
New Glasgow, NS B2H 6B6
Tel: (902) 755-8540, Fax: (902) 928-3697

Yarmouth

Labour and Advanced Education
Apprenticeship Training Division
c/o NSCC Burrige Campus
372 Pleasant Street,
Yarmouth, NS B5A 2L2
Tel: (902) 742-0775, Fax: (902) 742-0519

