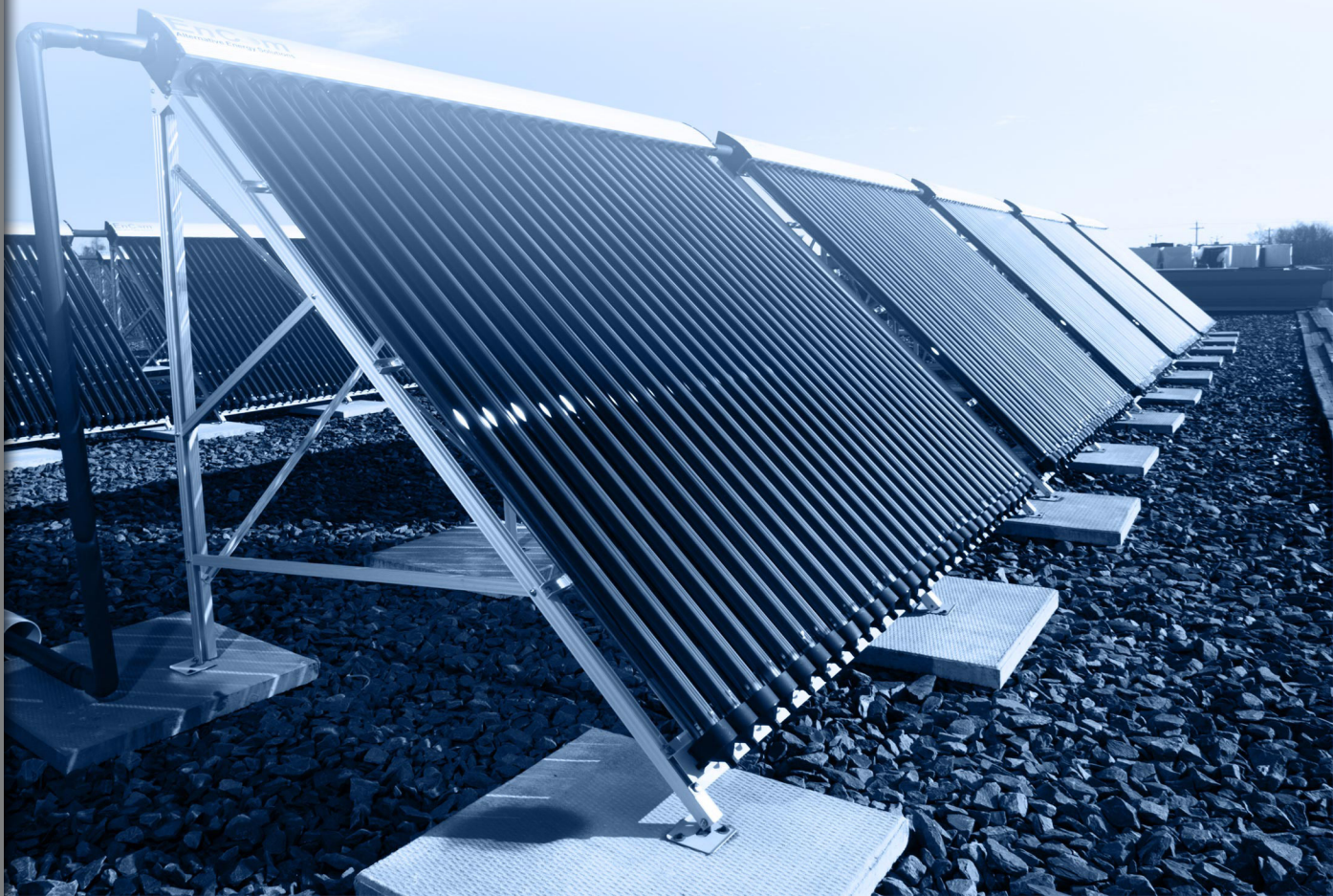


TRAINING SCHEDULE

2015 | 2016

Nova Scotia Apprenticeship Agency



Declaration 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 \$90.20 per online course and participants are also responsible for purchasing textbooks and other resource materials. Please visit our website [here](#) for additional information.

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

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

Foundations for Success

Disability Services

The 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 \$90.20 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) and submit it, along with a non-refundable tuition *deposit* of \$90.20, 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

The registration deadline for training is May 18, 2015

Tuition deposits will NOT be accepted without the completed TTEF.

Deadlines!

Training and Exam Locations

NSCC Virtual Campus
(Online Learning)

www.apprenticeship.nsc.ca

NSCC Akerley Campus

21 Woodlawn Road, Dartmouth

NSCC Burridge Campus

372 Pleasant Street, Yarmouth

NSCC Dartmouth Gate Site

375 Pleasant Street, Dartmouth

NSCC Institute of Technology Campus

5685 Leeds Street, Halifax

NSCC Kingstec Campus

236 Belcher Street, Kentville

NSCC Marconi Campus

1240 Grand Lake Road, Sydney

NSCC Pictou Campus

39 Acadia Avenue, Stellarton

NSCC Waterfront Campus

80 Mawiomi Place, Dartmouth

Insulator (Heat and Frost), Local 116

106 Chain Lake Drive, Unit 2 D, Halifax

Plumbing and Pipefitting, Local 56

40 Neptune Crescent, Dartmouth

A

pprenticeship Celebration Event

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



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

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

Hope to see you there – watch for your invitation!

financial info, awards + grants

Financial Support

Scholarships for Apprentices Attending NSCC

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

Please visit NSCC's website for more information about scholarships and bursaries: www.nscc.ca/admissions/scholarships_and_bursaries



Canada Apprentice Loan

In January 2015, the Canada Apprentice Loan - an initiative of the Government of Canada - was launched to help individuals complete their apprenticeship in a designated Red Seal trade. Individuals can apply for up to \$4,000 in interest-free loans per period of technical training. Visit the Government of Canada site for details: www.esdc.gc.ca/en/support_apprentices/loans.page

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

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 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

These awards are taxable cash grants available to registered apprentices who successfully complete level 3 (and 4, in trades with 5 levels) of technical training in Red Seal non-Red Seal trades, as well as to 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 a Certificate of Apprenticeship and 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

19T-1	7 Weeks	Sep 8 – Oct 23, 2015	Akerley Campus
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19T-2	7 Weeks	Jan 11 – Feb 26, 2016	Akerley Campus
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Automotive Service Technician

Online Courses

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

Level 1		6 Week Session(s)	
ASTA 1831	Fundamental Skills	Nov 2 – Dec 11, 2015	Akerley Campus
ASTA 1832	Chassis Systems 1		
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 16, 2015	Akerley Campus
ASTA 1817	Engine Cooling and Lubrication	May 2 – June 10, 2016	Akerley Campus
ASTA 1804	Starting and Charging Systems	Oct 26 - Apr 29, 2016	Burridge Campus
ASTA 1836	Lighting and Wiper Systems	(part-time, evenings/wkends)	
ASTA 1805	Ignition Systems		
ASTA 1837	Chassis Systems 2		

Automotive Service Technician *continued...*

Level 2-Lite		4 Week Session(s)	
ASTA 1836	Lighting and Wiper Systems	*Course ASTA 1804, Starting and Charging Systems, <u>may not</u> be required for some individuals. Please contact your Training Officer for information.	
ASTA 1837	Chassis Systems 2		
ASTA 1805	Ignition Systems		
*ASTA 1804	*Starting and Charging Systems	Oct 26 – Nov 20, 2015	Akerley Campus
		Jan 18 – Feb 12 2016	Akerley Campus
		May 9 – June 3, 2016	Akerley Campus
Level 3		7 Week Session(s)	
ASTA-1843	Final Drive Systems	Jan 4 – Feb 19, 2016	Akerley Campus
ASTA-1847	Vehicle Alignment	Feb 29 – Apr 15, 2016	Akerley Campus
ASTA-1839	Gasoline Fuel Systems	Apr 25 - June 10, 2016	Akerley Campus
ASTA-1840	Vehicle Management Systems	May 2 - June 17, 2016	Akerley Campus
ASTA-1841	Intake & Emission Systems / Veh Insp	Mar 14 - Apr 29, 2016	Marconi Campus
ASTA-1845	Alternate Fuels and Energy Sources		
ASTA-1846	ABS Brake and Restraint Systems		
Level 4		7 Week Session(s)	
ASTA 1838	Engine Repair	Sep 8 – Oct 23, 2015	Akerley Campus
ASTA 1842	Manual Transmissions & Transaxles / Clutches and Flywheels	Mar 7 – Apr 22, 2016	Akerley Campus
ASTA 1844	Diesel Fuel Injection Systems	May 2 - June 17, 2016	Akerley Campus
ASTA 1848	Diesel Fuel Injection Systems	May 9 - June 24, 2016	Marconi Campus
ASTA 1848	Electrical and Electronic Systems 2		
ASTA 1849	Automatic Transmissions and Transaxles		
ASTA 1850	Heating, Ventilation and Air Conditioning Systems		
ASTA 1830	Program Review		

Blaster

The following Blaster courses are available

- Blasting Safety Course:
 - ONLINE: Visit NSCC's Online Learning website for details:
www.apprenticeship.nsc.ca
- Blaster Certification Renewal Course:
 - ONLINE: How to apply:
nsapprenticeship.ca/sites/default/files/docs/pubs/Online_Info_Sheet.pdf
 - IN-CLASS: **Mar 15, 2016** (Akerley Campus, Dartmouth)
Mar 17, 2016 (Strait Area Campus, Port Hawkesbury)

How to apply for the IN-CLASS sessions: Complete and submit the Technical Training Enrolment Form with fee: www.nsapprenticeship.ca/TTEF-submission

Boilermaker Level Exam for Levels Entry, 1 and 2

Entry Level	6 Weeks	Mar 28 – May 6, 2016	Marconi Campus
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Level 1	6 Weeks	Feb 15 – Mar 25, 2016	Marconi Campus
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Level 2	6 Weeks	Jan 4 – Feb 12, 2016	Marconi Campus
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Level 3	6 Weeks	Nov 9 – Dec 18, 2015	Marconi Campus
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Boilermaker note: Apprentices must pass the Level Exam at the end of Entry Level, Level 1 and Level 2 in order to progress to the next level of training.

Bricklayer

Group B – Bricklayer		7 Week Session(s)	
BRKA 1807	Concrete Block Foundations	Mar 28 – May 13, 2016	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		
Group C – Bricklayer		7 Week Session(s)	
BRKA 1815	Fireplaces	Feb 1 – Mar 18, 2016	Dartmouth Gate
BRKA 1814	Chimneys		
BRKA 1813	Openings & Frames / Arches		
*BRKA 1816	Barbecues / Steps & Patios		
*BRKA 1817	Refractory / Glass Blocks		
*BRKA 1819	Prefabrication / Contracting & Record Keeping		
*BRKA 1820	Program Review		
*Note: Individuals who completed the “old” Group C must take only the last four courses in the New Group C (the courses are highlighted above) to complete the Bricklayer training program.			

Carpenter

Online Courses

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

Carpenter *continued...*

Level 1		8 Week Session(s)	
CARA 0800	Construction Safety	Jan 4 - Feb 26, 2016	Akerley Campus
CARA 0824	Introduction to Building Materials		
CARA 0801	Carpentry Tools		
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	Jan 11 - Feb 12, 2016	Akerley Campus
CARA 1803	Equal Sloped Hip Roofs	Nov 16 - Dec 18, 2015	Marconi Campus
CARA 1804	Intersecting Roofs of Equal Slope		
CARA 1826	Windows and Doors		
CARA 1806	Exterior Siding / Cladding		
Level 3		5 Week Session(s)	
CARA 1807	Floor, Wall and Ceiling Coverings	Sep 14 - Oct 16, 2015	Akerley Campus
CARA 1809	Common Stairs	Feb 22 - Mar 25, 2016	Akerley Campus
CARA 1812	Advanced Stairs	Jan 18 - Feb 19, 2016	Burridge Campus
CARA 1811	Advanced Roofs	Jan 4 - Feb 5, 2016	Marconi Campus
CARA 1810	Cabinets and Millwork		

Carpenter *continued...*

Level 4		5/6 Week Session(s)
*CARA 1812	*Advanced Stairs (if required)	<p>*Course CARA 1812, Advanced Stairs, will be offered as an additional week before the regularly scheduled training session begins. This extra week is for individuals who have completed the old Group C training, and for other individuals who require this course.</p> <p>Nov 2 - Dec 4, 2015 Akerley Campus (*plus extra week [Oct 26th to Oct 30th] for CARA 1812, if required)</p> <p>Mar 14 – Apr 15, 2016 Akerley Campus (*plus extra week [Mar 7th to Mar 11th] for CARA 1812, if required)</p> <p>Mar 7 – Apr 8, 2016 Burridge Campus (*plus extra week [Feb 29th to Mar 4th] for CARA 1812, if required)</p> <p>Feb 22 – Mar 25, 2016 Marconi Campus (*plus extra week [Feb 15th to Feb 19th] 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 Level Exam Required for Level 1

Online Courses

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

Level 1 (harmonized)	4 weeks in-class + 1 week online
<p>Blended delivery (online & in-class): Full-time and part-time offerings. To register, complete the following steps:</p> <ol style="list-style-type: none"> 1. Contact your Training Officer to register for the <u>preparatory online</u> course COOA-1820 2. Register for Level-1 in-class training with the Nova Scotia Apprenticeship Agency using the Technical Training Enrolment Form [nsapprenticeship.ca/TTEF-submission] 	<p>Oct 13 - Dec 18, 2015 Akerley Campus (part-time in-class, Mondays & Tuesdays)</p> <p>NOTE 1: The online course is a preparation course which must be completed prior to attending the in-class session</p> <p>NOTE 2: Apprentices must pass the Level Exam at the end of Level-1 training in order to progress to the next level of training.</p>

Cook *continued...*

New Level 3

4 weeks in-class + 1 week online

Blended delivery (online & in-class): Full-time and part-time offerings. To register, complete the following steps:

1. Contact your Training Officer to register for the blended online course COOA-1821
2. Register for Level-3 Blended In-class training with the Nova Scotia Apprenticeship Agency using the Technical Training Enrolment Form [nsapprenticeship.ca/TTEF-submission]

Oct 13 - Dec 18, 2015 Akerley Campus
(part-time in-class, Wednesdays & Thursdays)

Jan 4 - Jan 29, 2016 Lunenburg Campus
(full-time, in-class)

Feb 1 - Feb 26, 2016 Marconi Campus
(full-time, in-class)

NOTE: Although clients must register for each course separately, the Blended Online course will be completed during the Blended In-class session

Electrician, Construction and Industrial

Online Courses

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

Level 1

7 Week Session(s)

ELEA 0801	Safety Practices / Building Codes	Sep 8 – Oct 23, 2015	Marconi Campus
ELEA 0802	Generic Blueprint	Sep 8 – Oct 23, 2015	Waterfront Campus
ELEA 1804	Tools & Equipment	Jan 4 – Feb 19, 2016	Waterfront Campus
ELEA 1805	DC Theory / Series & Parallel Circuits	Mar 7 – Apr 22, 2016	Waterfront Campus
ELEA 1806	Conductors, Cables & Voltage Drop		
ELEA 1824	Fundamental Wiring		
ELEA 1807	Raceway Installation		

Electrician, Construction and Industrial *continued...*

Level 2		7 Week Session(s)	
ELEA 1834	Single-Phase Theory 1	Jan 11 - Feb 26, 2016	Burridge Campus
ELEA 1831	Single-Phase Theory 2	Nov 2 - Dec 18, 2015	Kingstec Campus
ELEA 1809	Three-Phase Theory / Distribution Systems Conditioning	Sep 8 – Oct 23, 2015	Marconi Campus
ELEA 1810	Distribution Equip/ Protective Devices	Nov 2 - Dec 18, 2015	Marconi Campus
ELEA 1825	Lighting & Controls	Nov 2 - Dec 18, 2015	Marconi Campus
ELEA 1808	Heating Systems	May 2 - June 17, 2016	Marconi Campus
ELEA 1832	Single-Phase Service Entrance	Sep 8 – Oct 23, 2015	Pictou Campus
		Sep 8 – Oct 23, 2015	Waterfront Campus
		Sep 8 – Oct 23, 2015	Waterfront Campus
		Nov 2 - Dec 18, 2015	Waterfront Campus
		Nov 2 - Dec 18, 2015	Waterfront Campus
		Jan 4 - Feb 19, 2016	Waterfront Campus
		Jan 4 - Feb 19, 2016	Waterfront Campus
		Mar 7 - Apr 22, 2016	Waterfront Campus
		May 2 - June 17, 2016	Waterfront Campus
		May 2 - June 17, 2016	Waterfront Campus
		June 27 - Aug 12, 2016	Waterfront Campus

Electrician, Construction and Industrial *continued...*

Level 3		7 Week Session(s)	
ELEA 1812	Transformers	Mar 7 - Apr 22, 2016	Burridge Campus
ELEA 1814	DC Machines & Controls	Jan 11 - Feb 26, 2016	Kingstec Campus
ELEA 1816	AC Generators / Three-Phase Motors	Jan 11 - Feb 26, 2016	Marconi Campus
ELEA 1815	Single-Phase Motors	Mar 7 - Apr 22, 2016	Marconi Campus
ELEA 1817	Motor Starters / Control Devices (2 week course)	May 2 - June 17, 2016	Marconi Campus
ELEA 1833	Three-Phase Service Entrance	Nov 2 - Dec 18, 2015	Pictou Campus
		Sep 8 - Oct 23, 2015	Waterfront Campus
		Sep 8 - Oct 23, 2015	Waterfront Campus
		Nov 2 - Dec 18, 2015	Waterfront Campus
		Nov 2 - Dec 18, 2015	Waterfront Campus
		Jan 4 - Feb 19, 2016	Waterfront Campus
		Jan 4 - Feb 19, 2016	Waterfront Campus
		Mar 7 - Apr 22, 2016	Waterfront Campus
		Mar 7 - Apr 22, 2016	Waterfront Campus
		May 2 - June 17, 2016	Waterfront Campus
		May 2 - June 17, 2016	Waterfront Campus
		June 27 - Aug 12, 2016	Waterfront Campus
Level 4		7 Week Session(s)	
ELEA-1813	High-voltage Systems	May 2 - June 17, 2016	Burridge Campus
ELEA-1822	Troubleshooting / Electrical Blueprint	Mar 7 - Apr 22, 2016	Kingstec Campus
ELEA-1838	Power Supply and Rectifiers / Drives	Jan 11 - Feb 26, 2016	Marconi Campus
ELEA 1823	Emergency Stand-by/ Comm Systems	Mar 7 - Apr 22, 2016	Marconi Campus
ELEA 1818	Programmable Logic Controllers	May 2 - June 17, 2016	Marconi Campus
ELEA 1821	Signaling Systems	Jan 4 - Feb 19, 2016	Pictou Campus
ELEA 1835	Program Review	Feb 29 - Apr 15, 2016	Pictou Campus
		Apr 25 - June 10, 2016	Truro Campus
		Sep 8 - Oct 23, 2015	Waterfront Campus
		Nov 2 - Dec 18, 2015	Waterfront Campus
		Nov 2 - Dec 18, 2015	Waterfront Campus
		Jan 4 - Feb 19, 2016	Waterfront Campus
		Mar 7 - Apr 22, 2016	Waterfront Campus
		Mar 7 - Apr 22, 2016	Waterfront Campus
		May 2 - June 17, 2016	Waterfront Campus

Electrician, Construction and Industrial *continued...*

Level 5 – Industrial Electrician		6 Week Session(s)	
IELA 1826	Hydraulic / Pneumatic Systems	May 2 – June 10, 2016	Waterfront Campus
IELA 1828	Process Control / Distr. Control Sys	May 2 – June 10, 2016	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.nsc.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 8 – Oct 23, 2015	Akerley Campus
IMPA 1803	Basic Electrical & Electronic Principles	May 2 - June 17, 2016	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 – Heavy Duty Equip Tech AND Truck & Transport Mechanic		7 Week Session(s)	
IMPA 1808	Drive Lines	Sep 8 – Oct 23, 2015	Akerley Campus
IMPA 1809	Ignition Systems	Nov 2 – Dec 18, 2015	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 22 – Feb 26, 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 11 – Feb 26, 2016 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 18 – May 20, 2016 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 2 – June 17, 2016 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 8 – Oct 23, 2015	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)	Nov 2 – Dec 18, 2015	IT Campus
IMMA 1814	Fluid Power 1 (Bas Hyd, Schem, Comp)	Jan 11 – Feb 26, 2016	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	Mar 7 – Apr 22, 2016	IT Campus
IMMA 1824	Steam & Gas Turbines	May 2 – June 17, 2016	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 Level Exam Required for each Level

New Level 2 7 Weeks Sep 8 – Oct 23, 2015 Marconi Campus

New Level 3 7 Weeks Mar 14 – Apr 29, 2016 Marconi Campus

New Level 4 7 Weeks May 2 – June 17, 2016 Marconi Campus

Insulator (Heat and Frost) Level Exam Required for each Level

Level 1 6 Weeks June 6 – July 15, 2016 Local 116

Level 3 7 Weeks Sep 8 - Oct 23, 2015
Jan 4 – Feb 19, 2016 Local 116
Local 116

Ironworker (Reinforcing)

Level 1 8 Week Session(s)

IRWA 1801	Safety Tools and Equipment	Jan 4 – Feb 26, 2016	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)	Mar 7 – Apr 22, 2016	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	Sep 14 – Nov 6, 2015	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	Nov 16 – Dec 18, 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 1840	Welding 3	May 2 – June 24, 2016	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

New Level 3		6 Week Session(s)
*MCHA 1829	*Material Selection & Heat Treat / Carbide Tooling	*Course MCHA 1829, Material Selection & Heat Treatment / Carbide Tooling, is delivered during the first week of the training session. This week is <u>not required for some individuals who have completed the old Group C training.</u> Jan 11 – Feb 19, 2016 IT Campus
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	

New Level 4		5 Week Session(s)
MCHA 1839	Quality Inspection / Reconditioning	May 9 – June 10, 2016 Waterfront Campus
MCHA-1821	CNC Programming	
MCHA-1846	CNC Operation (2 weeks)	
MCHA 1830	Program Review	

Metal Fabricator (Fitter)

Level Exam Required for Level 1

Level 1 (harmonized) 9 Weeks
Metal Fabricator (Fitter)
AND Welder

Feb 29 - Apr 29, 2016

Akerley Campus

NOTE : Apprentices must pass the Level Exam at the end of Level-1 training in order to progress to the next level of training.

Metal Fabricator (Fitter) *continued...*

Level 2 – Metal Fabricator (Fitter)		7 Week Session(s)	
WDFA 1837	Drawings 2	Mar 21 – May 6, 2016	Akerley Campus
WDFA 1838	Shop Equipment		
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 9 – Dec 11, 2015	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	Jan 4 – Jan 29, 2016	Akerley Campus
MTFA 1847	Fitting & Assembly 2		
MTFA 1849	Quality Assurance & Work Planning		
MTFA 1850	Program Review		

Motor Vehicle Body Repairer (Metal & Paint)

New Level 1		6 Week Session(s)	
MVBA 0801	Shop and Safety	Oct 13 - Nov 20, 2015	Akerley Campus
MVBA 1803	Vehicle Construction		
MVBA 1828	Metal Working		
MVBA 1805	Auto Body Preparation		
MVBA 1835	Undercoats/Refinishing I		
MVBA 1836	Non-Metal Repair / Moveable Glass		

Motor Vehicle Body Repairer (Metal & Paint) *continued...*

Level 2		4 Week Session(s)	
MVBA-1817	Plastics and Aluminum Repair	Mar 29 - Apr 22, 2016	Akerley Campus
MVBA-1818	Corrosion Protection / Elec Fundamen		
MVBA-1819	Primer Application and Parts Edging		
MVBA-1820	Stationary and Moveable Glass		
Level 3		4 Week Session(s)	
MVBA-1821	Structural & Non-Struc Components	May 2 - May 27, 2016	Akerley Campus
MVBA-1822	Mechanical Sys & Damage Analysis		
MVBA-1823	Restraints and Electrical Repairs		
MVBA-1824	Colour Application		
Level 4		4 Week Session(s)	
MVBA-1825	Estimating and Quality Control	June 6 - June 30, 2016	Akerley Campus
MVBA-1826	Body and Frame Repair		
MVBA-1827	Steering, Suspension and Brakes		
MVBA-1830	Program Review		

Oil Heat System Technician

Online Courses

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

Group A		6 Week Session(s)	
OBMA o801	Fundamental Skills	Mar 21 - April 29, 2016	Akerley Campus
OBMA o802	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 2 - June 3, 2016	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 13 - July 22, 2016	Akerley Campus
OBMA 1811	Warm Air Furnaces / Steam Systems		
OBMA 1812	Domestic Hot Water Heaters / Zoning		
OBMA 1819	House as a System / Retrofit		
OBMA 1808	Specialized Sys/ Service & Troubleshoot		
OBMA 1820	Program Review		

Plumber

Online Courses

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

Group A		7 Week Session(s)	
PLGA 0802	Safety / Tools & Equipment	Sep 14 – Oct 30, 2015	IT Campus
PLGA 0801	Blueprint Reading & Interpretation 1 (Basic / Residential)	Jan 11 – Feb 26, 2016	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)	Nov 9 – Dec 18, 2015	IT Campus
PLGA1835	Basic Electricity	Feb 29 – Apr 8, 2016	IT Campus
PLGA1808	Hydronic Heating 1 (Basic)	Apr 18 – May 27, 2016	IT Campus
PLGA1836	Drainage & Venting Systems 2A (Storm Sys) / Soldering & Brazing	Nov 9 - Dec 18, 2015	Marconi Campus
PLGA1837	Specialty Piping Applications / Pipe, Fittings & Piping Assembly 2	May 9 - June 17, 2016	Shelburne Campus
PLGA1825	Drainage & Venting Systems 2B (Commercial Drainage)		
Group C		5 Week Session(s)	
PLGA 1823	Water Supply 2 (Hot Water Storage Tanks & Heaters)	Sep 21 – Oct 23, 2015	IT Campus
PLGA 1834	Drainage & Venting Systems 2C (Commercial Venting)	Jan 11 – Feb 12, 2016	IT Campus
PLGA 1807	Blueprint Reading & Interpretation 3 (Commercial / Industrial)	Jan 4 - Feb 5, 2016	Marconi Campus
PLGA 1809	Hydronic Heating 2 (Advanced)		
PLGA 1843	Gas Piping 1 (Low Pressure)		
Group D		7 Week Session(s)	
PLGA 1838	Water Supply 3 (Water Softeners & Conditioning)	Sep 8 – Oct 23, 2015	IT Campus
PLGA 1842	Cross Connection Control	Nov 2 – Dec 18, 2015	IT Campus
PLGA 1839	Rural Water Supply / Rural Waste	Mar 7 – Apr 22, 2016	IT Campus
PLGA 1840	Specialty Plumbing Applications	May 2 - June 17, 2016	IT Campus
PLGA 1828	Drainage & Venting Systems 3 (Commercial / Industrial)	May 2 - June 17, 2016	Kingstec Campus
PLGA 1841	Gas Piping 2 (High Pressure)	Feb 15 - Apr 1, 2016	Marconi Campus
PLGA 1844	Program Review		

Power Engineer

Online Courses

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

2-A1		3 Week Session(s)	
PESC 1801	Industrial Legislation	Sep 14 – Oct 2, 2015	Akerley Campus
PESC 1802	Applied Mechanics	Sep 21 – Oct 9, 2015	Marconi Campus
2-A2		3 Week Session(s)	
PESC 1803	Thermodynamics	Nov 16 – Dec 4, 2015	Akerley Campus
PESC 1804	Metallurgy	Nov 16 – Dec 4, 2015	Marconi Campus
2-A3		3 Week Session(s)	
PESC 1805	Boilers	Jan 11 – Jan 29, 2016	Akerley Campus
PESC 1806	Pumps and Water Treatment	Jan 11 – Jan 29, 2016	Marconi Campus
2-B1		3 Week Session(s)	
PESC 1807	Heat Engines and Prime Movers	Feb 22 – Mar 11, 2016	Akerley Campus
PESC 1808	Lubrication, Piping and Mechanical Drawing		
2-B2		3 Week Session(s)	
PESC 1809	Plant Systems and Instrumentation	Apr 4 – Apr 22, 2016	Akerley Campus
PESC 1810	Fuels and Combustion and Environment Protection		
2-B3		3 Week Session(s)	
PESC 1811	Electro-technology	May 16 – June 3, 2016	Akerley Campus
PESC 1812	Compression and Refrigeration		

Powerline Technician

Level 2		5 Week Session(s)	
PLTA-1807	Advanced AC Theory 1	Jan 18 - Feb 19, 2016	IT Campus
PLTA-1808	Advanced AC Theory 2	Feb 29 - Apr 1, 2016	IT Campus
PLTA-1809	Sys Operations & Single-Phase Meter	May 24 – Jun 24, 2016	IT Campus
PLTA-1810	Street Lighting Circuits		
PLTA-1811	Live Line Work		

Powerline Technician *continued...*

Level 4		4 Week Session(s)	
PLTA 1817	Three-Phase Equipment	Apr 18 - May 13, 2016	IT Campus
PLTA 1818	Substation & System Protection		
PLTA 1819	Three-Phase Metering		
PLTA 1821	Program Review		

Refrigeration and A/C Mechanic

Level 1		6 Week Session(s)	
RACA 1831	Safety / Tools and Equipment	Sep 14 – Oct 23, 2015	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	May 9 – June 17, 2016	Waterfront Campus
RACA 1837	Metering Devices / Flow Controls		
RACA 1838	Compressors 2 / Condensers		
RACA 1839	AC Installation		
RACA 1840	Control Circuits (2 week course)		

Level 3		6 Week Session(s)	
RACA 1842	Compressor Modulation	Apr 18 - May 27, 2016	Waterfront Campus
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		6 Week Session(s)	
RACA 1847	AC System Design	Jan 11 – Feb 19, 2016	Waterfront Campus
RACA 1848	Duct Systems	Feb 29 - Apr 8, 2016	Waterfront Campus
RACA 1849	Heating Systems		
RACA 1852	Industrial Systems		
RACA 1851	Troubleshooting / Job Coordination		
RACA 1827	Program Review		

Roofer Level Exam Required for each Level

Level 1	6 Weeks	Feb 29 - April 8, 2016	Sydney, Sheet Metal Union Training Hall
Level 2	6 Weeks	Jan 11 – Feb 19, 2016	Dartmouth, NSCC Akerley Campus

NOTE : Apprentices must pass the Level Exam at the end of training in order to progress to the next level of training.

Sheet Metal Worker

Level 1		8 Week Session(s)	
SMWA 1824	Safety/Elevating Devices	Sep 8 – Oct 30, 2015	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 Exam Required	
		NOTE : Apprentices must pass the Level Exam at the end of training in order to progress to the next level of training.	
Level 2		6 Week Session(s)	
SMWA 1832	Blueprint 1	Jan 11 – Feb 19, 2016	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 Exam Required	
		NOTE : Apprentices must pass the Level Exam at the end of training in order to progress to the next level of training.	
Level 3		6 Week Session(s)	
SMWA 1838	Blueprint 2	Nov 9 – Dec 18, 2015	Akerley Campus
SMWA 1839	Pattern Development 3 (Parallel Line)		
SMWA 1840	Pattern Development 3 (Radial Line)		
SMWA 1841	Pattern Development 3 (Triangulation)		
SMWA 1842	Duct System Design		
SMWA 1843	Breeching and Venting / Welding 3		
		Level Exam Required	
		NOTE : Apprentices must pass the Level Exam at the end of training in order to progress to the next level of training.	

Sheet Metal Worker *continued...*

Level 4		6 Week Session(s)	
SMWA-1844	Material Handling Systems	Feb 29 – Apr 8, 2016	Akerley Campus
SMWA-1845	System Maintenance	Level Exam Required NOTE : Apprentices must pass the Level Exam at the end of training in order to progress.	
SMWA-1846	Metal Roofing & Architectural Metal		
SMWA-1847	Welding 4		
SMWA-1855	Specialty Products/ Job Planning and Documentation		
SMWA-1853	Program Review		

Sprinkler System Installer

Level Exam Required for Levels 1 & 2

Level 1	8 Weeks	Sep 28 - Nov 20, 2015	UA Local 56
Level 2	8 Weeks	Jan 4 – Feb 26, 2016	UA Local 56
Level 3	8 Weeks	Mar 14 – May 6, 2016	UA Local 56

NOTE : Apprentices must pass the Level Exam at the end of levels 1 and 2 in order to progress to the next level of training.

Steamfitter/Pipefitter

Level Exam Required for Levels 1, 2 and 3

Level 1		6 Week Session(s)	
STMA 0802	Safety, Tools & Equipment	Sep 14 – Oct 23, 2015	IT Campus
STMA-1863	Blueprint Reading & Interpret 1 (Basic Commercial)	Sep 21 - Oct 30, 2015	Marconi Campus
STMA 1810	Pipe, Fittings & Piping Assembly 1A (Ferrous) (2 week course)	NOTE : Apprentices must pass the Level-1 Exam at the end of training in order to progress to the next level of training.	
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 14 – Oct 23, 2015	IT Campus
STMA 1808	Hydronic Heating 1 (Residential)	Sep 21 - Oct 30, 2015	Marconi Campus
STMA 1849	Introduction to Electricity	Nov 9 - Dec 18, 2015	Marconi Campus
STMA 1858	Blueprint Reading & Interpretation 3 (Industrial)	Nov 9 - Dec 18, 2015	Marconi Campus
STMA 1805	Fuel / Electric Welding & Cutting	Sep 14 – Oct 23, 2015	Pictou Campus
STMA 1859	Hoisting, Lifting and Riggin	Jan 4 - Feb 12, 2016	Pictou Campus

NOTE : Apprentices must pass the Level-2 Exam at the end of training in order to progress to the next level of training.

Level 3		6 Week Session(s)	
STMA 1809	Hydronic Heating 2 (Commercial)	Nov 2 – Dec 11, 2015	IT Campus
STMA 1844	Low Pressure Steam	Jan 11 - Feb 19, 2016	IT Campus
STMA 1851	Pipe Template Development	Jan 4 - Feb 12, 2016	Marconi Campus
STMA 1852	Pipe Layout & Fabrication	Feb 22 - Apr 1, 2016	Pictou Campus
STMA 1853	Gas Piping 1		
STMA 1860	Specialty Piping Applications & Sys		

NOTE : Apprentices must pass the Level-3 Exam at the end of training in order to progress to the next level of training.

Group D		7 Week Session(s)	
STMA 1854	Gas Piping 2	Nov 2 – Dec 18, 2015	IT Campus
STMA 1855	Refrigeration / Instrumentation	Jan 11 – Feb 26, 2016	IT Campus
STMA 1846	Specialty Steamfitting-Pipefitting Systems	Feb 22 - Apr 8, 2016	Marconi Campus
STMA 1840	Pumps / Compressors & Hydraulic Systems 1	Feb 22 - Apr 8, 2016	Marconi Campus
STMA 1850	Pumps / Compress & Hydraulic Sys2	Apr 18 - June 3, 2016	Marconi Campus
STMA 1856	High Pressure Steam	Nov 2 - Dec 18, 2015	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.

Jan 11 – Feb 19, 2016 Akerley Campus
(*plus extra week [Feb 22nd to Feb 26th] for IMPA 1820, if required)

Feb 29 – Apr 8, 2016 Akerley Campus
(*plus extra week [Feb 22nd to Feb 26th] for IMPA 1820, if required)

Level 4

5 Week Session(s)

TTMA 1809	Vehicle Inspection	Nov 2 – Dec 4, 2015	Akerley Campus
TTMA 1816	Fuel Systems 2	Mar 7 – Apr 8, 2016	Akerley Campus
TTMA 1817	Electronic Control & Monitoring Systems	Apr 18 – May 20, 2016	Akerley Campus
TTMA 1818	Engine Diagnosis		
TTMA 1819	Program Review		

Welder Level Exam Required for Level 1

Level 1 (harmonized) 9 Weeks
Welder AND
Metal Fabricator (Fitter)

Feb 29 - Apr 29, 2016

Akerley Campus

NOTE : Apprentices must pass the Level-1 Exam at the end of training in order to progress to the next level of training.

Level 2

6 Week Session(s)

WLDA 1837	Cutting and Gouging	Sep 14 - Oct 23, 2015	Akerley Campus
WLDA 1838	Quality Control / Weld Faults	May 9 - June 17, 2016	Akerley Campus
WLDA 1839	SMAW (Fillet and Groove Weld)		
WLDA 1840	GMAW (Fillet and Groove Weld)		
WLDA 1841	GTAW (Fillet and Groove Weld) (2 week course)		

Level 3

7 Week Session(s)

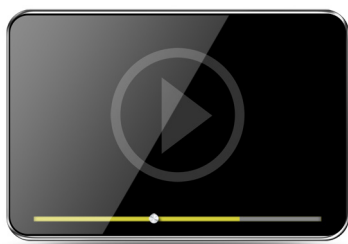
WLDA 1842	Metallurgy	Nov 2 – Dec 18, 2015	Akerley Campus
WLDA 1843	SMAW (Pipe and Tubing)	Jan 11 – Feb 26, 2016	Akerley Campus
WLDA 1844	Jigs and Fixtures	Mar 7 – Apr 22, 2016	Akerley Campus
WLDA 1845	GMAW / FCAW (Pipe and Tubing)		
WLDA 1846	GTAW (Pipe, Tubing and Alloys)		
WLDA 1847	Special Processes		
WLDA 1824	Program Review		

exam information

Frequently Asked Questions

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

nsapprenticeship.ca/apprentices/examinations/apply-write-exam



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/examinations/prepare-your-exam

Exam Schedule

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

nsapprenticeship.ca/sites/default/files/docs/pubs/Exam_Schedule.pdf

Exam Locations

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

Contact Us

Nova Scotia Apprenticeship Agency
Labour and Advanced Education
2021 Brunswick Street, PO Box 578
Halifax, Nova Scotia B3J 2S9
tf within NS 1-800-494-5651
p 902-424-5651
f 902-424-0717
nsapprenticeship.ca

