

Welder Curriculum Comparison 2014 to 2026

Module List Comparison

As Alberta curriculum guides are revised, content may be **added**, **removed**, **renamed**, **renumbered**, **moved** to a different period, or **remain unchanged**.

This comparison provides a high-level overview of those changes to help users determine which current module to order when transitioning from the previous curriculum guide.

Change Summary

Content Added 2026 content includes new or expanded modules	120201b - Oxyfuel Cutting on Mild Steel Plate New 2026 module, related oxyfuel cutting content existed in 2014 but is now its own module. 120201c - Other Processes New 2026 module covering robotics, laser welding, friction stir, and 3D printing. 120302d - Applied Metallurgy and Metal Identification Expanded 2026 module that now includes metal identification content.
Content Combined Some 2014 modules were combined into one 2026 module or module series	120101h - Oxyfuel Equipment and 120101i - Oxyfuel Cutting These two 2014 modules were combined into one three-part 2026 module: 120101fA / fB / fC - Oxyfuel Equipment and Cutting 120304dA / dB - Codes and Standards and 120304f - Interprovincial Standards Red Seal Program These three 2014 modules were combined into one three-part 2026 module: 120301aA / aB / aC - Codes, Standards, and Red Seal Certification
Content Separated Some 2014 modules were separated into more specific 2026 modules	120103h - Aluminum and Aluminum Welding This 2014 content is now available across: 120201f - Aluminum and Aluminum Welding and 120205a - GMAW on Aluminum 120301c - SMAW and Oxyfuel Cutting on Mild Steel This 2014 module was separated into: 120301b - Oxyfuel Cutting on Mild Steel and 120304a - SMAW on Mild Steel
Content Removed Some 2014 content no longer appears as a standalone module in the 2026 curriculum guide	120102b – Electricity No standalone 2026 module. Related electricity content is included in: 120103a - SMAW Equipment and 120204a - The GTAW Process

Jump to the modules you need:

→ [Period 1 Modules](#)

→ [Period 2 Modules](#)

→ [Period 3 Modules](#)

→ [2014 Modules Without a 2026 Equivalent](#)

Change Legend

	Direct Match	Content, module and title match between 2014 and 2026
	Title Update	Content matches but the module title changed
	Number Update	Content matches but the module number changed
	New Content	New 2026 content with no 2014 equivalent
	Combined	Multiple 2014 modules were combined into one 2026 module
	Separated	One 2014 module was separated into multiple 2026 modules
	Removed	2014 module no longer appears as a module in 2026

All reasonable efforts have been made to ensure that this document is accurate, reliable, and free from error; however, there may be instances where information contained herein is not error-free.

WEL Curriculum Comparison 2014 to 2026

Rows are in numerical order by the new 2026 module number.

Period 1					
2014 Module List		2026 Module List		Change	Notes
--	(no 2014 equivalent)	120101a	Welder Apprenticeship Training Program Orientation	 New Content	No 2014 guide-aligned equivalent module.
120101a	Safety Legislation, Regulation, and Industry Policy in the Trades	120101b	Safety Legislation, Regulations and Industry Policy in the Trades	 Number Update	
120101b-kA/B	Climbing, Lifting, Load Moving, and Material Handling: Parts A & B	120101c	Climbing and Material Handling: Lifting, Rigging, and Hoisting	 Title Update  Number Update	
120101c	Hazardous Materials and Fire Protection	120101d	Hazardous Materials & Fire Protection	 Number Update	
120101e	Welding Safety	120101e	Welding Safety	 Direct Match	
120101h / 120101i	Oxyfuel Equipment; Oxyfuel Cutting	120101fA / fB / fC	Oxyfuel Equipment and Cutting: Parts A, B & C	 Combined	Two 2014 modules were combined into one 2026 module, now in three parts.
120102h	Weld Faults	120101g	Weld Faults	 Number Update	
120101f	Hand Tools	120101h	Hand Tools	 Number Update	
120101g	Power Tools	120101i	Power Tools	 Number Update	

Period 1					
2014 Module List		2026 Module List		Change	Notes
120101j	Plasma Arc Cutting and Gouging	120101j	Arc Cutting and Gouging	● Title Update	The 2026 title is broader and better reflects both processes.
120102f	Welding Symbols	120102a	Weld Symbols	● Title Update ● Number Update	
120104a	Fractions	120102b	Fractions	● Number Update	
120104b	Decimals	120102c	Decimals	● Number Update	
120104c / 120104e	Percentage and Ratios; Metric and Imperial Measure	120102dA / dB	Ratios, Percentages, and Measurement Systems: Parts A & B	● Combined	Two 2014 modules were combined into one 2026 module, now in two parts.
120104d	Geometric Formulas	120102e	Geometric Formulas	● Number Update	
120102e	Joint and Weld Types	120102f	Joint and Weld Types	● Number Update	
120201a	SMAW Equipment	120103a	SMAW Equipment	● Number Update	Moved from Period 2 to Period 1; includes some Electricity (120102b) content.
120201b	Mild Steel Electrodes	120103b	Mild Steel Electrodes	● Number Update	Moved from Period 2 to Period 1.
120201c	SMAW Fillet Welds on Mild Steel	120103c	SMAW Fillet Welds on Mild Steel	● Number Update	Moved from Period 2 to Period 1.

Period 1					
2014 Module List		2026 Module List		Change	Notes
120103a-bA	Wire Feed Welding Equipment and Consumables: Part A	120104a-bA	Wire Feed Welding Equipment Power Sources	 Title Update  Number Update	The 2026 titles now more clearly identify the specific topics covered.
120103a-bB	Wire Feed Welding Equipment and Consumables: Part B	120104a-bB	Wire Feed Welding Filler Metals and Feeders	 Title Update  Number Update	
120103c	Wire Feed Welding Shielding Gases	120104c	Wire Feed Welding Shielding Gases	 Number Update	
120103d	Wire Welding Maintenance and Troubleshooting	120104d	Wire Welding Maintenance and Troubleshooting	 Number Update	
120103k	Submerged Arc Welding (SAW)	120104e	Submerged Arc Welding (SAW)	 Number Update	
120103e	GMAW on Mild Steel	120104f	GMAW on Mild Steel	 Number Update	
120103f	FCAW and MCAW on Mild Steel	120104g	FCAW and MCAW on Mild Steel	 Number Update	

Period 2					
2014 Module List		2026 Module List		Change	Notes
120102g	Distortion	120201a	Distortion	 Number Update	Moved from Period 1 to Period 2.
--	(no 2014 equivalent)	120201b	Oxyfuel Cutting on Mild Steel Plate	 New Content	New 2026 module for oxyfuel cutting practice on mild steel plate.

Period 2					
2014 Module List		2026 Module List		Change	Notes
--	(no 2014 equivalent)	120201c	Other Processes	 New Content	New 2026 module covering robotics, laser welding, friction stir, and 3D printing.
120102c	Metal Identification	120201d	Metal Identification	 Number Update	Moved from Period 1 to Period 2.
120102i	Hardfacing	120201e	Hardfacing	 Number Update	Moved from Period 1 to Period 2.
120103h	Aluminum and Aluminum Welding	120201f 120205a	Aluminum and Aluminum Welding	 Separated	GMAW on Aluminum moved to 120205a.
120201d	Production of Metals	120201g	Production of Metals	 Number Update	
120201e	Carbon and Alloy Steels and Alloy Steel Filler Metals	120201h	Carbon and Alloy Steels and Alloy Steel Filler Metals	 Number Update	
120102a	Drawing Interpretation	120202a	Drawing Interpretation	 Number Update	Moved from Period 1 to Period 2.
120203a	Pattern Development	120202b	Pattern Development	 Number Update	
120203b	Layout	120202c	Layout	 Number Update	
120203c	Estimating Principles	120202d	Estimating Principles	 Number Update	
120203d	Project Estimating	120202e	Project Estimating	 Number Update	

Period 2					
2014 Module List		2026 Module List		Change	Notes
120204a	SMAW Groove Welds on Mild Steel	120203a	SMAW Groove Welds on Mild Steel	● Number Update	
120202a	The GTAW Process	120204a	The GTAW Process	● Number Update	Includes some Electricity (120102b) content.
120202b	GTAW Electrodes, Filler Metals and Shielding Gases	120204b	GTAW Electrodes, Filler Metals and Shielding Gases	● Number Update	
120202c	GTAW Equipment and Troubleshooting	120204c	GTAW Equipment Maintenance and Troubleshooting	● Title Update ● Number Update	
120202d	GTAW on Mild Steel	120204d	GTAW on Mild Steel	● Number Update	
120202e / 120202f	GTAW on Aluminum; GTAW on Stainless Steel	120204e-f	GTAW on Aluminum and Stainless Steel	● Combined	Two modules combined into one.
120103i	GMAW on Aluminum	120205a	GMAW on Aluminum	● Title Update ● Number Update	Moved from Period 1 to Period 2.
120103g	GMAW FCAW and MCAW Groove Welds on Mild Steel	120205b	GMAW, FCAW and MCAW Groove Welds on Mild Steel	● Title Update ● Number Update	Moved from Period 1 to Period 2.
120103j	GMAW FCAW and MCAW on Mild Steel Pipe	120205c	GMAW, FCAW and MCAW on Mild Steel Pipe	● Title Update ● Number Update	Moved from Period 1 to Period 2.

Period 3

2014 Module List		2026 Module List		Change	Notes
120304dA / dB 120304f	Codes and Standards: Parts A & B; Interprovincial Standards Red Seal Program	120301aA / aB / aC	Codes, Standards, and Red Seal Certification: Parts A, B & C	 Combined	Three 2014 modules were combined into one three-part 2026 module.
120301c (oxyfuel portion)	SMAW and Oxyfuel Cutting on Mild Steel	120301b 120304a	Oxyfuel Cutting on Mild Steel	 Separated	Oxyfuel content separated into 120301b; SMAW content moved to 120304a.
120304e	Workplace Coaching Skills	120301c	Workplace Coaching Skills	 Number Update	
120102d	Heat Treatment	120302a	Heat Treatment	 Number Update	Moved from Period 1 to Period 3.
120301a	Stainless Steel	120302b	Stainless Steel	 Number Update	
120301b	Nickel Alloys and Clad Steels	120302c	Nickel Alloys and Clad Steels	 Number Update	
120304c	Metallurgy for Practical Applications	120302d	Applied Metallurgy and Metal Identification	 Title Update  Number Update	Content updated to include metal identification content.
120304a	Non-Destructive Testing	120302e	Non-Destructive Testing	 Number Update	
120304b	Destructive Testing	120302f	Destructive Testing	 Number Update	
120303a	Structural Drawings	120303a	Structural Drawings	 Direct Match	

Period 3					
2014 Module List		2026 Module List		Change	Notes
DP120303a	Drawing Package, Structural Drawings	DP120303a	Drawing Package: Structural Drawings	● Direct Match	
120303b	Pressure Vessel Drawings	120303b	Pressure Vessel Drawings	● Direct Match	
DP120303b	Drawing Package, Pressure Vessel Drawings	DP120303b	Drawing Package: Pressure Vessel Drawings	● Direct Match	
120303c	Piping Drawings	120303c	Piping Drawings	● Direct Match	
DP120303c	Drawing Package, Piping Drawings	DP120303c	Drawing Package: Piping Drawings	● Direct Match	
120301c (SMAW portion)	SMAW and Oxyfuel Cutting on Mild Steel	120304a 120301b	SMAW on Mild Steel	● Separated	SMAW content separated into 120304a; Oxyfuel content moved to 120301b.
120302a	SMAW on Mild Steel Pipe	120304b	SMAW on Mild Steel Pipe	● Number Update	
120302b	GTAW on Mild Steel Plate and Pipe	120305a	GTAW on Mild Steel Plate and Pipe	● Number Update	

2014 Modules Without a 2026 Equivalent					
2014 Module List		2026 Module List		Change	Notes
120102b	Electricity	–	No standalone module	● Removed	Removed. Some content absorbed into 120103a and 120204a.