

Electrician

Maintenance Release Notes – July 2026

Program	Electrician (ELE) - Period 1 to 4
Release Date	July 15, 2026
Published	122 minor revisions across 58 Modules and 1 new module
Revision List	ELE Errata Sheet (module-level change details)

Jump to section:

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→ [Period 3 Updated Modules](#)

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New Module

030403c – Interprovincial Standards Red Seal Program is now available. The current standard digital package will be automatically updated.

Published Revisions (Phase 1)

Following review and validation by six subject matter experts (SMEs), 122 minor revisions have been published across 58 modules. Updates include corrections to assessments, calculations and CE Code references, along with improvements to content clarity and formatting.

Next Maintenance Release (Phase 2)

ILM is continuing to review and complete the remaining Electrician maintenance updates. All edits received before June 2026 are planned to be addressed and published in May 2027, with a continued focus on improving the accuracy and overall quality of the modules.

Digital Products Notice

Updated digital packages will be published on Campus eBookstore (CEI) **by the end of July**. Digital products can be adopted by CEI Bookstores, or students can purchase via a direct link to CEI.

Standard Digital Packages
For programs using the full set of modules by period
- Includes the full period of 2024 Guide aligned content - Aligned to the Alberta curriculum by trade and period - Includes the full collection of ILMs used in class
Standard packages are available for immediate purchase through Campus eBookstore (CEI)

Custom Digital Packages
For programs selecting specific modules
- Can be built when a program uses a selected set of modules rather than the full period or multiple trades - Existing Custom Digital packages using modules from ELE will be deactivated.
Requests for new Custom Digital packages can be submitted HERE .

We're Here to Help with Digital Products

Do you have questions about digital format options for your students?

Please reach out to support@ilmlearning.ca for more information.

Period 1				
Number	Name	Section Name	Pages	Edition
030101b	Climbing, Lifting, Rigging, and Hoisting	Standard and Specific Workplace Safety	52	3rd Edition
030101e	Electrical Safety	Standard and Specific Workplace Safety	56	3rd Edition
030102c	Parallel Resistive Circuits	Circuit Fundamentals	44	3rd Edition
030102d	Series-Parallel Resistive Circuits	Circuit Fundamentals	56	3rd Edition
030102e	Edison 3-Wire Distribution Systems	Circuit Fundamentals	60	3rd Edition
030102f	Work, Energy, Power, and Efficiency	Circuit Fundamentals	44	3rd Edition
030103a	Methods of Producing emf	emf Sources	32	3rd Edition
030103b	Cells and Batteries	emf Sources	52	3rd Edition
030103c	Photovoltaic	emf Sources	28	3rd Edition
030103d	Generators	emf Sources	56	3rd Edition
030104h	Alarm and Detection Systems	Lab Fundamentals	44	3rd Edition
030105a	Using the Canadian Electrical Code	Canadian Electrical Code (CE Code) and Drawings	44	3rd Edition
030105c	Conductor Material and Sizes	Canadian Electrical Code (CE Code) and Drawings	48	3rd Edition
030105f	Wiring Methods	Canadian Electrical Code (CE Code) and Drawings	76	3rd Edition
14 Revised Modules		23 Total Revisions		

Period 2				
Number	Name	Section Name	Pages	Edition
030201a	Fundamentals of Alternating Current	Alternating Current (ac) Circuit Properties	32	3rd Edition
030201c	Inductors and Capacitors in Circuits	Alternating Current (ac) Circuit Properties	48	3rd Edition
030201d	Principles of ac Circuits	Alternating Current (ac) Circuit Properties	68	3rd Edition
030201e	Power Relationships	Alternating Current (ac) Circuit Properties	40	3rd Edition
030202a	Series ac Circuits	RLC Circuits	48	3rd Edition
030202b	Series RLC Circuits	RLC Circuits	88	3rd Edition
030202d	Parallel RLC Circuits	RLC Circuits	56	3rd Edition
030203a	Heating and Cooling Systems	Heating and Cooling Systems	48	3rd Edition
030203b	Forced-Air Heating Systems	Heating and Cooling Systems	68	3rd Edition
030205b	Electrical Space Heating and Cooling	Canadian Electrical Code (CE Code) / Plans and Diagrams	24	3rd Edition
030205c	Service Ampacity for Apartments and Similar Buildings	Canadian Electrical Code (CE Code) / Plans and Diagrams	56	3rd Edition
030205e	Capacitor Bank Installations	Canadian Electrical Code (CE Code) / Plans and Diagrams	40	3rd Edition
030205f	Pools, Mobile Homes, and Temporary Wiring	Canadian Electrical Code (CE Code) / Plans and Diagrams	40	3rd Edition

Period 2				
Number	Name	Section Name	Pages	Edition
030205g	Electrical Installations in Patient Care Areas	Canadian Electrical Code (CE Code) / Plans and Diagrams	32	3rd Edition
030205h	Class 1 and Class 2 Circuits	Canadian Electrical Code (CE Code) / Plans and Diagrams	24	3rd Edition
030205j	Drawings and Plans	Canadian Electrical Code (CE Code) / Plans and Diagrams	48	3rd Edition
16 Revised Modules		30 Total Revisions		

Period 3				
Number	Name	Section Name	Pages	Edition
030301b	Three-Phase Wye Connection	Three-Phase Principles	56	2nd Edition
030301d	Three-Phase Delta Wye Connection	Three-Phase Principles	28	2nd Edition
030301e	Three-Phase Power Analysis	Three-Phase Principles	68	2nd Edition
030301f	Three-Phase Power Factor Correction	Three-Phase Principles	60	2nd Edition
030302a	Three-Phase Induction Motors	Motors and Machines	56	2nd Edition
030302b	Operation of Three-Phase Induction Motors	Motors and Machines	56	2nd Edition
030302c	Three-Phase Motors and Starters	Motors and Machines	40	2nd Edition
030302d	Variable Frequency Drives	Motors and Machines	40	2nd Edition
030302f	Alternators	Motors and Machines	80	2nd Edition
030303a	Transformer Characteristics	Transformers	64	2nd Edition
030304c	Capacitor and Transformer Installations	Canadian Electrical Code (CE Code)	72	2nd Edition
030304d	Substation and Submersible Pump Installations	Canadian Electrical Code (CE Code)	24	2nd Edition
030304e	Individual Motors	Canadian Electrical Code (CE Code)	52	2nd Edition
13 Revised Modules		24 Total Revisions		

Period 4				
Number	Name	Section Name	Pages	Edition
030401c	Controls and Switching Circuits	Control and Switching/PLC	52	2nd Edition
030401eA	Pneumatic and Hydraulic System Controls: Part A	Control and Switching/PLC	84	2nd Edition
030401eB	Pneumatic and Hydraulic System Controls: Part B	Control and Switching/PLC	84	2nd Edition
030403c NEW	Interprovincial Standards Red Seal Program	Workplace Coaching Skills and Interprovincial Red Seal Standards	24	1st Edition
030404aB	Rectifiers: Part B	Applications of Electronics	48	2nd Edition
030404c	Controlled Rectifiers	Applications of Electronics	84	2nd Edition
030404e	Uninterruptible Power Supply Systems	Applications of Electronics	68	2nd Edition
030404f	Electronic Applications of Variable Frequency Drives	Applications of Electronics	40	2nd Edition

Period 4				
Number	Name	Section Name	Pages	Edition
030404h	Renewable Energy Systems	Applications of Electronics	76	2nd Edition
030405a	Conductors	Canadian Electrical Code, Part I/Occupational Applications	48	2nd Edition
030405b	Grounding and Bonding and Distribution Layout	Canadian Electrical Code, Part I/Occupational Applications	52	2nd Edition
030405d	Communication Systems and Cabling	Canadian Electrical Code, Part I/Occupational Applications	44	2nd Edition
030405e	Electric Welders	Canadian Electrical Code, Part I/Occupational Applications	36	2nd Edition
030405i	Flammable Gas Locations	Canadian Electrical Code, Part I/Occupational Applications	40	2nd Edition
030405j	Corrosive and Wet Locations	Canadian Electrical Code, Part I/Occupational Applications	28	2nd Edition
030405k	Occupational Applications	Canadian Electrical Code, Part I/Occupational Applications	76	2nd Edition
15 Revised Modules / 1 New Module		45 Revisions		