

Impact of Changes to Elevating Devices Mechanic Class C Program Outline Based on a Review of ITA Electrical Program

This table summarizes the proposed changes to the Elevating Devices Mechanic Class C Program Outline based on a review of Level 1 and Level 2 of the ITA Construction Electrician program outline. These changes will add 19 hours to the overall class time in the Class C program outline.

PROPOSED CHANGES FROM ITA ELECTRICAL PROGRAM					POTENTIAL IMPACT ON CLASS C PROGRAM OUTLINE	
CHANGE #	LINE	PAGE REF.	COMPETENCY	PROPOSED CHANGE	PRIORITY AND RATIONALE FOR CHANGE	IMPACT ON CLASS C OUTLINE
1	AA1	58	Install Voice/Data/Video (VDV) Systems	Add LT 2 – “Structured Cable Systems” (references to coaxial cable only).	- Low priority - Coaxial cable is used for two-way voice communication systems on personnel hoists.	- Adds 2 hours to classroom training. - Exam blueprint and exam bank require minor revisions.
2	G2	45	Use Mentoring Techniques	Add LT 1 – “Use mentoring techniques.”	- Medium priority - Training in mentoring techniques provides support for the mechanic doing the field training. - Mentorship training will allow the MIT to acquire skills more efficiently and lead to enhanced productivity.	- Adds 3 hours to classroom training. - Exam blueprint and exam bank require minor revisions.

Note:

1. LT is an abbreviation for *learning task*, terminology that describes what an individual will do to achieve the learning objectives.
2. A link to the ITA Construction Electrician Program Outline can be found at <https://www.itabc.ca/program/electrician-construction>. The link is on the left-hand side of the page under “Harmonized Program Information.”
3. The additional classroom hours shown are approximate based on existing estimates from ITA training.

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3	Q3	49	Install Low Voltage Distribution Equipment	- Add LT 2 – “Identify components of distribution centres.” - Add LT 3 – “Determine distribution centre requirements.”	- Low priority - Low voltage distribution equipment is used in controllers for personnel hoists.	- Adds 4 hours to classroom training. - Exam blueprint and exam bank require minor revisions.
4	Q3	83	Maintain Conductors, Cables, Raceways, Boxes, and Fittings	- Add LT 1 – “Describe the removal of unused conductors, cables, raceways, boxes, and fittings” (scope of work, safety, disposal). - Add LT 2 – Describe maintenance procedures for conductors and cables (torque specs).	- Low priority - Maintenance (including torque specifications) on conductors exposed to weather, along with proper removal techniques for temporary electrical equipment are essential skills for the Class C mechanic.	- Adds 3 hours to classroom training. - Exam blueprint and exam bank require minor revisions.
5	R2	85	Install Wiring Devices	Add LT 2 - Determine device installation requirements (environment).	- Low priority - Personnel hoists are generally installed in outdoor environments. Installing wiring under these conditions is an essential skill for the Class C mechanic.	- Adds 2 hours to classroom training. - Exam blueprint and exam bank require minor revisions.

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6	V3	97	Maintain Motor Starters and Controls	- Add LT 1 - Describe troubleshooting procedures for motor starters and motor controls. - Add LT2 - Describe maintenance procedures for motor starters and motor controls.	- Low priority - Troubleshooting and maintenance of motor starter and controls are essential skills for the Class C mechanic.	- Adds 5 hours to classroom training. - Exam blueprint and exam bank require minor revisions.

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