

Apprenticeship Program Annual Update 2025-26

Powerline Technician

Powerline Technician Apprenticeship Education Program (AEP) Overview



Consists of 4 periods of training.



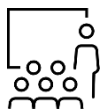
Periods 1, 2, and 3 consist of 1,525 on-the-job (OTJ) instructional hours, while Period 4 includes 1,800 OTJ instructional hours.



All periods of classroom instruction training are offered at Lethbridge Polytechnic and NAIT.



The AEP was last updated in 2018. It is currently undergoing revisions, which began in February 2026 and is slated for implementation in 2028.



Post-secondary institutions, unions, or associations may offer other programs related to the Powerline Technician AEP. Contact your local post-secondary institution, union or association for offerings and availability.

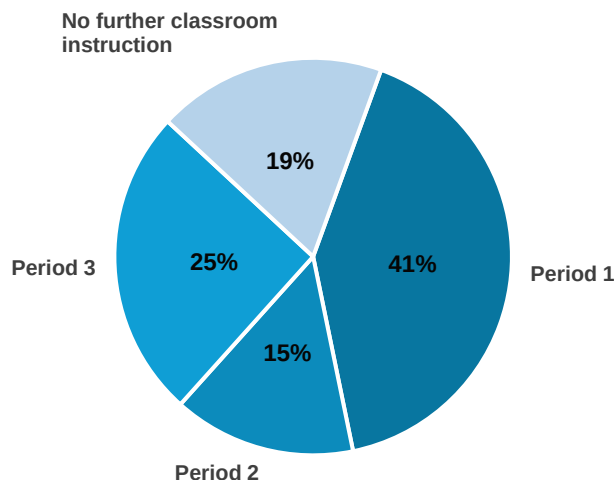
Helpful Tradesecrets Links for Apprentices

- **Powerline Technician trade profile:** a detailed overview of the trade, giving a clear picture of what the trade involves, how training works, and what certification requires.
- **Classroom instruction:** provides detailed information on training content, enrollment, attendance expectations, delivery methods, and the policies apprentices must follow.
- **Class Catalogue:** an online tool that lets apprentices look up all available apprenticeship training classes for their specific trade and training year.
- **Apprenticeship Awards and Scholarships:** information on financial support for apprentices and high-school students entering or progressing through the trades.

2025-26 Alberta Powerline Technician Statistics

Registered Apprentices by Period (as of July 30, 2026)

Percentage Breakdown



Number of Apprentices Per Period

Period 1	230
Period 2	83
Period 3	141
Period 4	N/A
No Further Classroom Instruction Required	104

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Apprentices by Office

Location	Bonnyville	Calgary	Edmonton	Fort McMurray	Grande Prairie	Hinton	Lethbridge	Medicine Hat	Peace River	Red Deer	Slave Lake	Vermillion	Interprov. Services (IS)	Trade Total
Trade														
Powerline Technician	10	103	243	25	18	4	25	6	8	97	4	3	12	558

Apprenticeship and Industry Training (AIT) Exams Pass Rates

Provincial pass rates and exam averages between July 30, 2025, and July 30, 2026:

Exam	Pass	Fail	Supplemental	Total
Entrance Exam	10	4	-	14
Period 1	76	22	7	105
Period 2	137	31		200
Period 3	159	27	18	204
Total trade				523

Interprovincial Red Seal Program

Powerline Technician is a [Red Seal trade](#) and is designated in 9 provinces and 3 territories in Canada. The current Red Seal Occupational Standard was finalized in 2019.

Industrial Mechanic (Millwright) Red Seal Alberta Results

The Red Seal exam results for Alberta are as follows (July 30, 2025, to Jul 30, 2026):

Red Seal Exams*	Pass	Fail	Supplemental	Total
Red Seal Qualification	4	1	-	5
Interprovincial (Red Seal) Program	70	15	-	85
Total trade	74	16	-	90

Red Seal Endorsements	2022	2023	2024	2025
Apprentices issued Red Seal Endorsements	48	45	34	57
Other Individuals issued Red Seal Endorsements	3	3	8	6
Total trade	51	48	42	63

*Note: Red Seal endorsements are also issued to individuals other than those who have completed the Alberta apprenticeship program. The number includes individuals issued a Red Seal endorsement who were certified through Alberta's Trade Qualifier Program or industry training and certification program, and to individuals who successfully completed the interprovincial examination in Alberta rather than in the jurisdiction in which they were originally certified.

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Directing the Future of Alberta Skilled Trades and Apprenticeship

Apprenticeship education and the direction of the skilled trades in Alberta is a partnership between apprentices, employers, industry, training providers and government. The Alberta Board of Skilled Trades and the My Skilled Trades Network are two groups with responsibilities for directing the future.

Alberta Board of Skilled Trades (ABST)

ABST is responsible for advising the Minister of Advanced Education on the direction of Alberta's designated trades certification system. To learn more about ABST and its members, visit [ABST](#).

My Skilled Trades Network (MySTN)

MySTN is the AIT consultation network where experienced tradespeople can volunteer to provide feedback that helps shape apprenticeship education, exams, and training resources. It is hosted on the Tradesecrets website and is open to anyone with experience in an Alberta designated trade. To apply to join the network at learn more, visit [MySTN](#).

We value your feedback!

If you have specific feedback about this trade you want to share with us, please email

TradeIndustryFeedback@gov.ab.ca

and include the trade name in the subject line.