

Apprenticeship Program Annual Update 2025-26

Ironworker Structural - Ornamental

Ironworker Structural - Ornamental Apprenticeship Education Program (AEP) Overview



Consists of 3 periods of training. First period of training is common for all 3 Ironworker trades designated in Alberta. It shares 3rd period of training with Ironworker MBSE.



All periods consist of 1620 on-the-job instruction hours.



All periods of classroom instruction are offered at NAIT and SAIT.



The AEP was last updated in 2024. It is scheduled for a revision process beginning in 2026 for implementation in 2028.

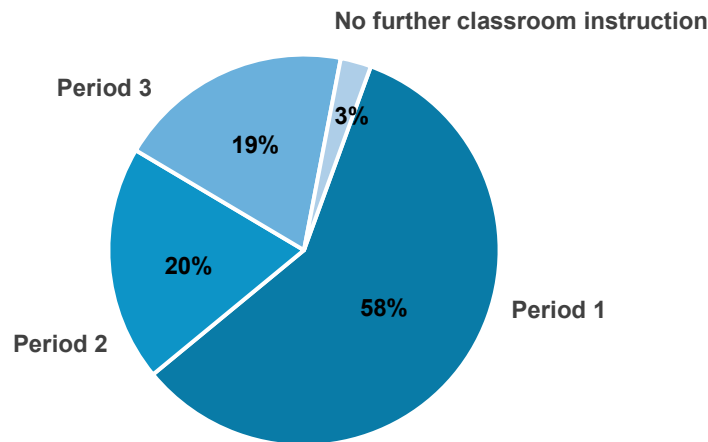
Helpful Tradesecrets Links for Apprentices

- **Ironworker Structural - Ornamental 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 Ironworker Structural - Ornamental Statistics

Registered Apprentices by Period (as of September 2, 2026)

Percentage Breakdown



Number of Apprentices Per Period

Period 1	300
Period 2	100
Period 3	100
No Further Classroom Instruction Required	13

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Apprentices by Office

Trade	Bonnyville	Calgary	Edmonton	Fort McMurray	Grande Prairie	Hinton	Lethbridge	Medicine Hat	Red Deer	Slave Lake	Vermillion	Trade Total
Ironworker SO	5	129	323	4	17	1	5	6	18	4	4	513

Apprenticeship and Industry Training (AIT) Exams Pass Rates

Provincial pass rates and exam averages between January 1, 2025 and September 2, 2026 are as follows::

Exam	Pass	Fail	Supplemental	Total
Entrance Exam	11	15	0	26
Period 1	68	32	5	105
Period 2	24	31	19	74
Period 3	44	12	15	71
Total trade	147	90	39	276

Interprovincial Red Seal Program

Ironworker Structural - Ornamental is a [Red Seal trade](#) and is designated in 8 Canadian provinces (Alberta, New Brunswick, Newfoundland and Labrador, Nova Scotia, Ontario, Prince Edward Island, Quebec, Saskatchewan). The current Red Seal Occupational Standard was finalized in 2025.

Ironworker Structural - Ornamental Red Seal Alberta Results

The Red Seal exam results for Alberta between January 1, 2025 and September 2, 2026 are as follows:

Red Seal Exams	Pass	Fail	Total
Interprovincial (Red Seal) Program	25	28	53
Trade Qualifier Program	11	9	20
Total trade	36	37	73

Red Seal Endorsements*	2022	2023	2024	2025
Apprentices issued Red Seal Endorsements	19	10	18	14
Other Individuals issued Red Seal Endorsements	4	5	7	6
Total trade	23	15	25	20

**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 and 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.