

Agricultural Equipment Technician Level One Examination Information

The **Agricultural Equipment Technician** level examinations are developed by the Apprenticeship and Trade Certification Commission in co-operation with a committee of worker and employer representatives selected from industry. The pass mark is 70%. Apprentices may challenge this exam only once. Examination content is based on the expectations and standards for Saskatchewan apprentices as follows:

Total number of questions on the Level One Placement Examination – 110 questions*

Subject	Percent	Number of Questions
Air Conditioning and Heating (HVAC) Systems	15%	17
Electrical	25%	27
Basic Hydraulic Systems	26%	29
Diesel Fuel Systems	12%	13
Power Trains I and Machinery	14%	15
Seeding and Tillage Equipment	8%	9
Total	100%	110

**The number of questions on a placement examination, assigned to assess each course in apprenticeship technical training, as derived from the collective input from workers within the trade across Saskatchewan.*

Suggested trade resources when preparing for the examination.

To assist you, a list of reference textbooks is provided below. Note that ISBN numbers are subject to change. Please consult with your supplier to access their most current version of the textbook you are acquiring. It is not necessary to use these specific textbooks; you may find others which will be equally beneficial. You are encouraged to seek additional reference materials in all test areas.

Saskatchewan Polytechnic Information for Purchase:

- AMT/AIR 100-100-183 ISBN 200153908 SKU 20153908
- AMT/ELEC 296 ELECTRICAL 1 – Basic Electrical Workbook SKU 20006075
- AMT/HYDR 188 Student Guide for Hydraulics SKU 20106386
- AMT/ORTN 170 Shop Procedures and Safety SKU 20105853
- CFC HRAI and Environment Canada/ CFC/HCFC/HFC Control in the Refrigeration and Air Conditioning Industry
- Deere/FOS Air Conditioning FOS5711NC ISBN 9780866914079
- Deere/FOS Bearings and Seals FOS5407NC ISBN 9780866914086
- Deere/FOS Belts and Chains FOS5307NC ISBN 0866913874
- Deere/FOS Engines FOS3012NC ISBN 0866914234
- Deere/FOS Fasteners FOS 6006NC ISBN 0866913491
- Deere/FOS Hydraulics 1008NC ISBN 0866913718
- Deere/FOS Shop Tools FOS5107NC ISBN 0866913890
- Deere/FMO Tillage FMO11104NC ISBN 0866913440
- Deere Power Trains FOS4008NC ISBN 0866913777
- Deere The Precision Farming Guide for Agriculturists FP404NC ISBN 9780866914352
- Environment Canada Canada's Ozone Layer Protection Awareness SKU 20274702
- NAIT Seeding Equipment Version 3.1 320306C
- Norman Diesel Technology ISBN 1781619608320

Individual Learning Modules (ILM's) for the Agricultural Equipment Technician trade may be ordered through the Saskatchewan Polytechnic Bookstore Call Centre: 1-866-569-8398 or through <https://ilm.nait.ca/home> under Agricultural Equipment Technician.

*Unless otherwise noted, books listed here are available through the Saskatchewan Polytechnic Bookstore Call Centre: 1-866-569-8398.

NOTE: Textbooks are not usually available from libraries. When textbooks are being purchased, candidates should allow several weeks for delivery and several weeks for studying.

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This information is subject to change without notice.