

# Heavy Duty Equipment Technician Level One Examination Information

The **Heavy Duty 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 – 125 questions\***

Subject	Percent	Number of Questions
Basic Tools	11%	14
Brake Systems	24%	30
Electrical	10%	13
Environmental Control Systems (HVAC)	3%	4
Hydraulics	26%	32
Steering Systems	13%	16
Structural Components and Accessories	13%	16
<b>Total</b>	<b>100%</b>	<b>125</b>

*\*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.**

**Saskatchewan Polytechnic Information Loaned by Program to Student:**

- Fundamentals of Medium/Heavy Duty Commercial by Duffy ISBN 9781284041163
- Fundamentals of Mobile Heavy Equipment by Duffy ISBN 9781284112917

**Saskatchewan Polytechnic Information Supplied by Program:**

- Canada's Ozone Layer Protection Awareness Environment Canada SKU 20274702
- Rigging Handbook by Klinke ISBN 9781888724189
- Simulator Activities Workbook Revision 8.2 CR008102TA Fluid Power Training Institute SKU 20302306

Individual Learning Modules (ILM's) for the Heavy Duty Equipment Technician trade may be ordered through the Saskatchewan Polytechnic Bookstore Call Centre: 1-866-569-8398 or through [www.tradesecrets.org/](http://www.tradesecrets.org/) under Heavy Equipment Technician – Heavy Duty Equipment Mechanic (Off Road).

Modules for the Heavy Duty Equipment Technician trade developed by the Industry Training Authority of British Columbia are also available at: [https://www.crownpub.bc.ca/Product/Listing/13503\\_BC-Trades?WT.ac=hpsl\\_BCtrades](https://www.crownpub.bc.ca/Product/Listing/13503_BC-Trades?WT.ac=hpsl_BCtrades) under Commercial Transport Mechanic.

\*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.

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