

MACHINIST Level Two Examination Information

The **Machinist** trade 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:

Subject	Percent
Computer Numerical Control	9%
Grinding	11%
Blueprint Reading	4%
Metals and Heat Treatment	15%
Lathe Technology	34%
Milling Machines and Operations	22%
Math	5%
	100%



Study all areas of the trade in 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 text 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.

Machine Tool Practices by Kibbe. ISBN 978-0131188969.

Blueprint Reading for the Machine Trade by Schultz. ISBN 978-0135038789.

MACH 290/29 – Grinding Theory/Practical

MACH 292/293 – Lathe Theory/Practical

MACH 294 – Milling Theory

Applied Mathematics Saskatchewan Polytechnic Math – 104 (Bosco)

Computer Numerical Control MACH – 100 (Bosco)

Using Carbide Inserts (Alberta ILM) 150201j.

Gear Manufacturing Methods (Alberta ILM) 150301e

Introduction to Gearing (Alberta ILM) 150301d

Individual Learning Modules (ILMs) for the Machinist trade may be ordered through the Saskatchewan Polytechnic Bookstore Call Center: 1-866-569-8398 or through www.tradesecrets.org/ under Machinist.

*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 texts are being purchased, candidates should allow several weeks for delivery and several weeks for studying.

VISIT OUR WEB SITE!

www.saskapprenticeship.ca

Absolutely no cell phones, communication devices or PDAs are allowed in the examination facility. You will be required to leave immediately if any of these items are found on your person.

Important information regarding calculators – please note that due to increasing security issues, candidates are no longer permitted to bring their own calculators to the exam facility. Instead, we will be supplying each candidate with a calculator. Please refer to the “Forms” section of our web page for further information.

Please note that examinations and study information change frequently. The most recent information is available on our web site at www.saskapprenticeship.ca