

SAULT COLLEGE
of Applied Arts and Technology
Sault Ste. Marie

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COURSE OUTLINE

MINING //! Ca-~~~~~
MNG 125-3

r p w j c p H December, 1981 by M. Engel

MINING

MNG 125-3

TEXT

Map of Principal Mineral Areas of Canada - Map 900A
The Mining Act - Revised Statutes of Ontario

REFERENCES

Mining Acts of the Various Canadian Provinces and Territories
Canadian Mining Journal Annual Review

TOPIC

PERIODS

TOPIC DESCRIPTION

Introduction to the Flining Industry

- history and development of the indust
- progress in mining techniques related to mine exploration, development, ore extraction and beneficiation
- influence of politics and economy upon the mining industry with special attention to the present Canadian situation-

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The Canadian Mining Industry

- mine production of the Provinces
- production, producers, consumption, usage, prices of the following commodities - nickel, copper, zinc, lead, gold, silver, iron, uranium, potash, asbestor
- the FOSSi I fuels

Engineering Geology in Mining

- development of ore body
- ore estimation
- control of ore grade

Organization of the Ontario Ministry
Natural Resources - Division of Mines

Miner's Licence

Mining Claims

Lands open for staking
Size and form of claims
Staking out mining claims
Recording claims
Practical exercises in completing forms and preparing accessory sketch work with claim maps

TOPIC	PERIODS	TOPIC DESCRIPTION
		<u>Rights of Claim Holder - UnLeased and Unpatented Claims</u> <u>Assessment VWork Requirements</u> <ul style="list-style-type: none"> - Work periods - Types of work accepted - Requirements re submission of reports and maps - Exercises in preparing reports and maps for submission <u>Forfeiture of Mining Rights</u> <u>Claim Disputes</u> <u>Inspection of Claims</u>
10		<u>Leasing of Mining Claims</u>
11		<u>Comparison of Various Mining Acts</u> <ul style="list-style-type: none"> - Comparison of staking and assessment work regulations Provincial regulations - N.W, Territories; Yukon Territory
12		<u>Exploratory Licences</u>