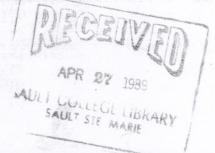
CAMBRIAN COLLEGE of Applied Arts and Technology Sault Ste. Marie

COURSE OUTLINE

GEOLOGICAL DRAFTING DRF 125-2



Revised 1970

GEOLOGICAL DRAFTING

DRF 125 - 2

REFERENCES:

 (γ)

Engineering Drawing and Geometry - 2nd Edition

- Hoelscher and Springer

Engineering Drawing - French and Vierck

GEOLOGICAL DRAFTING

DRF 125 - 2

TOPIC NO.	PERIODS	TOPIC INFORMATION
2 -	$1\frac{1}{2}$	INTRODUCTION
		- Duties of a geological draftsman. Mine, exploration, government geological survey
		- Brief outline of techniques Lettering; line drawing; dimensioning and labelling; use of projections; scale enlargements and reductions, etc.
1	6	USE AND CARE OF INSTRUMENTS
		 Regular drawing equipment Pencils; erasers; pens; inks; triangles; scales; ruling pens; papers; compass; irregular curves; lettering guide; planimeter; pantograph. Classroom practice exercises.
3	6	LETTERING
	·	 Discussion of basic styles Single stroke Gothic; Roman; Text. Discussion of sub-styles. Capitals; lower case letters; vertical and slant style letters. Construction of the letters. Position of the hand; rules of height, width, composition, stability, etc. Hand lettering practice. Mechanical lettering practice.
4	1612	FUNDAMENTALS OF MAP DRAWING
		 Standard layouts Surface geological, geophysical, geo-chemical maps; underground geological maps. Legends, symbols. Department of Mines requirements, re submission of geological, geophysical, and geochemical maps for assessment work credit Homework and laboratory exercises.

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