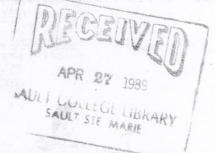
# CAMBRIAN COLLEGE of Applied Arts and Technology Sault Ste. Marie

COURSE OUTLINE

GEOLOGICAL DRAFTING DRF 125-2



Revised 1970

### GEOLOGICAL DRAFTING

DRF 125 - 2

#### **REFERENCES**:

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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
		<ul> <li>Regular drawing equipment Pencils; erasers; pens; inks; triangles; scales; ruling pens; papers; compass; irregular curves; lettering guide; planimeter; pantograph.</li> <li>Classroom practice exercises.</li> </ul>
3	6	LETTERING
	·	<ul> <li>Discussion of basic styles Single stroke Gothic; Roman; Text.</li> <li>Discussion of sub-styles. Capitals; lower case letters; vertical and slant style letters.</li> <li>Construction of the letters. Position of the hand; rules of height, width, composition, stability, etc.</li> <li>Hand lettering practice.</li> <li>Mechanical lettering practice.</li> </ul>
4	1612	FUNDAMENTALS OF MAP DRAWING
		<ul> <li>Standard layouts Surface geological, geophysical, geo-chemical maps; underground geological maps.</li> <li>Legends, symbols.</li> <li>Department of Mines requirements, re submission of geological, geophysical, and geochemical maps for assessment work credit</li> <li>Homework and laboratory exercises.</li> </ul>

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