

SAULT COLLEGE
of Applied Arts and Technology
Sault Ste. Marie

COURSE OUTLINE

GEOLOGICAL DRAFTING

DRF ¹²⁶~~125~~-2

revised Jan. 83 by J. Giguere

GEOLOGICAL DRAFTING

DRF 125-2

Topic	Periods	Topic Description	Reference
1		<u>Drafting Materials</u>	
	1	a) Care & maintenance of instruments b) Pen types with emphasis on correct holding and maintenance procedures.	
2		<u>Lettering (review)</u>	
	3	a) Lettering styles used for drafting and cartography b) Upright Roman style exercise ✓ c) Slant Roman style exercise ✓	
3		<u>Line drawing using straight edge and French curve</u>	
	6	a) Plot of a mapping exercise using a straight edge and a protractor b) Plot of a contouring exercise using straight edges and French curves from a field survey c) Layout of a map with legend and margins position	
4		<u>Layout of a Legend</u>	
	2	a) Centering of title b) Indentation c) Symbols d) Necessary base data e) Preparing a legend for a given map.	
5		<u>Use of Ink Instruments</u>	
	4	a) Pen care and maintenance b) Lettering sets: Leroy type c) Lettering exercise	
6		<u>Drill hole plot</u>	
	4	a) Correction for dip change in plotting of a drill hole b) Coding of a drill hole c) Plotting a drill hole from notes	
7		<u>Basic 3 point problem</u>	
	4	a) Determination of the strike and dip of a geological layer from three drill hole intersections b) The plotting of projected data from the three point problem to surface	

Geological Drafting
DRF 125

Topic	Periods	Topic Description	Reference
8	2	The preparations of a key map suitable to a given locality	
9.		Preparation of Geological Map to assesment standard.	
10.		Preparation of a geophysical Map to assesment standard.	

GEOLOGICAL DRAFTING

125-2

Grading:

All grades will be based on projects handed in and A, B, C, to be redone will be applied.

No late assignments will be accepted except for valid reasons (re: medical etc..)

Assignments to be redone will be resubmitted within 2 weeks of being returned, for regrading.

A pass grade is a C