

SAULT COLLEGE
of Applied Arts and Technology
Sault Ste. Marie

COURSE OUTLINE

DRAFTING
DRF 101-6
Mechanical & Mechanical Drafting
Semester 1

revised June, 1980 by C. Rising

DRAFTING
DRF 101-6

TEXTS:

"Mechanical Engineering Drawing Standards" - C.S.A. B78.1
- C.S.A. B78.2

REFERENCES:

"Engineering Drawing & Design" - Jensen - McGraw-Hill
"Machinery's Handbook"
"Mechanical Drawing SI Metric"-McGraw-Hill

REFERENCES:

"Design Engineering" - MacLean Hunter Publications
"Graphic Science" - Graphic Science
"Materials in Design Engineering" - Reinhold Publishing Corp.

Number	Periods	Topic Description	Reference
1	2	<u>Introduction</u> Graphic Language Past & Present Drawing Office Procedures Student Evaluation Methods Use & Care of Office Equipment	
2	66	<u>Basic Engineering Drawing</u> Use of instruments Alphabet of Lines Lettering Use of Scales - Metric & Architects Freehand sketching Geometric Construction Third Angle Projection Auxiliary views Sections: Half, Full, Partial, Removed, Revolved Dimensioning Introduction Isometric Drawing Limits, Fits & Tolerances Terminology Standard Abbreviations C.S.A. B78.1 Plotted Curves Simple Assembly Drawings	