

SAULT COLLEGE OF APPLIED ARTS & TECHNOLOGY
SAULT STE. MARIE, ONTARIO

COURSE OUTLINE

Course Title: STRUCTURAL GEOLOGY

Code No.: GEO 277-4

Program: GEOLOGICAL ENGINEERING TECHNICIAN

Semester: III

Date: OCTOBER 3, 1985

Author: MANFRED ENGEL

New: _____ Revision: X

APPROVED:


Chairperson

OCT 10/85
Date

CALENDAR DESCRIPTION

STRUCTURAL GEOLOGY

GEO 277-4

COURSE NAME

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PHILOSOPHY/GOALS: The general objectives of the course are as follows:

1. To cause the student to visualize geological structures in three dimensions.
2. To teach the student the necessary graphical techniques and methods related to descriptive geometry. To describe, measure, plot and reconstruct certain geological structures.
3. To teach the student to relate geological structures on maps to the shape and size of structures at depth.

METHOD OF ASSESSMENT (GRADING METHOD):

Four written tests:

True and apparent dip	15%
Depth and thickness determinations	15%
Outcrop patterns	15%
Faults	15%

Lab book with approximately 30 plates 40%

100%

TEXTBOOK(S):

Dennison - Geological Structures