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DOC.# 534

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

COURSE OUTLINE

Course Title: STRATIGRAPHY  
Code No.: GEO 215-2  
Program: GEOLOGY  
Semester: 4  
Date: SEPTEMBER, 1988  
Author: MANFRED ENGEL

New: \_\_\_\_\_ Revision: X

APPROVED:   
Chairperson

Sept 28/88  
Date

CALENDAR DESCRIPTION

**STRATIGRAPHY**

**GEO 215-2**

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**COURSE NAME**

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**COURSE NUMBER**

**PHILOSOPHY/GOALS:**

This course deals with the study of the nature of stratified rock. Aspects considered are sedimentary petrography, the concept of facies and the detailed study of depositional systems. The Huronian stratigraphy is highlighted with field trips.

**METHOD OF ASSESSMENT:**

Final marks are based on 4 tests of equal value. Attendance on field trips is compulsory.

- A+ - 90% or better
- A - 80% - 89%
- B - 70% - 79%
- C - 60% - 69%

Rewrite option of total course material is available at the discretion of instructor (for C grade only) to those students that have written all tests and achieved an overall average between 45% and 59%.

**TEXTBOOK(S):**

Richard A. Davis, Jr., "Depositional Systems".

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<u>COURSE NAME</u>		
1	4	<u>Sediments &amp; Sedimentary Rocks</u> - Texture - Classification - Formation
2	4	<u>Sedimentary Processes and Structures</u> - Biological processes - Physical processes - Inorganic and Biogenic Structures
3	2	<u>Principles of Stratigraphy</u> - Concept of Facies - Basin Analysis
4	20	<u>Depositional Systems</u> - The Lacustrine System - The Desert - The Glacial System - The Delta System - Intertidal Environments - Estuaries - Reefs and Carbonate Systems - The Continental Slope