

**SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY**

**SAULT STE. MARIE, ONTARIO**



Sault College

**COURSE OUTLINE**

**COURSE TITLE:** Project Management and Law

**CODE NO. :** CIV 215 **SEMESTER:** 04 (Winter)

**PROGRAM:** Civil/Architectural/Construction

**AUTHOR:** B. Sparrow

**DATE:** Jan 05 **PREVIOUS OUTLINE DATED:** Jan 04

**APPROVED:**

	_____	_____
	DEAN	DATE

**TOTAL CREDITS:**

**PREREQUISITE(S):** None

**HOURS/WEEK:** 3

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*For additional information, please contact the Dean,  
School of Technology, Skilled Trades and Natural Resources  
(705) 759-2554*

## **I. COURSE DESCRIPTION:**

This course will provide the technical student with a general understanding of construction management principles and contract law, as well as knowledge of applicable laws and regulations that have an impact on construction projects.

## **II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:**

Upon successful completion of this course the student will demonstrate the ability to:

- 1) Apply planning and scheduling principles to construction projects  
**Potential Elements of the Performance:**
  - discuss the history of project management
  - list project goals and aspirations
  - describe basic project management philosophies
  - describe the basic need for and principles of scheduling
  - construct a bar graph schedule for an assigned problem
  - construct a critical path schedule for an assigned problem
  
- 2) Identify the various types of contracts and contractual relationships that exist within a construction project  
**Potential Elements of the Performance:**
  - describe the common terms and definitions used in contracts
  - discuss the roles of the client, architect, engineer, contractor, and contract manager
  - list and describe the basic contract documents, plans and specifications
  - describe different types of contracts
  - discuss the rules of interpreting a contract
  - discuss the conditions for the legal termination of a contract
  
- 3) Describe the process of contract administration  
**Potential Elements of the Performance:**
  - describe the process of payment certification
  - discuss the effects of changes and delays
  - discuss contract litigation
  - describe legal aspects of contract administration and recourse, including the Builders' Lien Act
  
- 4) Describe the contract bidding procedure  
**Potential Elements of the Performance:**
  - describe competitive bidding, bid bonding, bid depositories, and bidding procedures
  
- 5) Discuss laws applicable to construction projects and their application to specific situations  
**Potential Elements of the Performance:**
  - describe laws that may affect construction projects including environmental legislation
  - apply and interpret legislation as it applies to a particular hypothetical construction situation

### III. TOPICS:

- 1) The Project Environment
- 2) The Parties Involved
- 3) Planning and Scheduling
- 4) Construction Contracts
- 5) Contract Administration
- 6) Contract Bidding Procedures
- 7) Laws Applicable to Construction Projects

### IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Construction Project Management  
Frederick E. Gould and Nancy E. Joyce  
Prentice Hall ISBN 0480541013  
Latest Edition

### V. EVALUATION PROCESS/GRADING SYSTEM

The final course grade will be determined as follows:

Project	15%
Assignments and Quizzes	25%
Midterm Test	25%
Final Exam	35%

A letter grade will be assigned based on the total score:

Grade	Definition	Grade Point Equivalent
A+	90 – 100%	
A	80 – 89%	4.00
B	70 - 79%	3.00
C	60 - 69%	2.00
D	50 – 59%	1.00
F (Fail)	49% and below	0.00
CR (Credit)	Credit for diploma requirements has been awarded.	
S	Satisfactory achievement in field /clinical placement or non-graded subject area.	
U	Unsatisfactory achievement in field/clinical placement or non-graded subject area.	
X	A temporary grade limited to situations with extenuating circumstances giving a student additional time to complete the requirements for a course.	
NR	Grade not reported to Registrar's office.	
W	Student has withdrawn from the course without academic penalty.	

Due dates will be specified for all assignments and the project. Material that is submitted late will receive a maximum 'C' grade.

Submissions which are more than 7 calendar days late will be given a grade of 0 (zero) but must still be submitted if the student is to receive credit for the course.

Attendance at all quizzes, test and exam is mandatory. If a student must miss a test due to illness or family emergency, he/she must contact the instructor before the scheduled time of the test so that alternate arrangements can be made. It is the student's responsibility to have medical proof of illness, etc. if it is so requested.

## VI. SPECIAL NOTES:

- **Special Needs**

If you are a student with special needs (e.g. physical limitations, visual impairments, hearing impairments, learning disabilities), you are encouraged to discuss required accommodations with the instructor and/or contact the Special Needs Office, Room E1101, Ext. 703 so that support services can be arranged for you.

- **Retention of Course Outlines**

It is the responsibility of the student to retain all course outlines for possible future use in acquiring advanced standing at other post-secondary institutions. Substitute course information is available at the Registrar's Office

The professor reserves the right to change the information contained in the course outline depending on the needs of the learner and the availability of resources.

- **Plagiarism**

Students should refer to the definition of academic dishonesty in the *Students Rights and Responsibilities* handbook. Students who engage in academic dishonesty will receive an automatic failure for that submission and other such penalty as the professor may decide, up to and including expulsion from the course. In order to protect students from inadvertent plagiarism, to protect the copyright of the material referenced, and to credit the author of the material, it is the policy of the department to employ a documentation format for referencing source material.

- **Testing Absence**

If a student is unable to write a test on the date assigned, the following procedure must be followed:

1. The student shall provide the professor with advance notice, preferably in writing of his/her need to miss the test.
2. The student may be required to document the absence at the discretion of the professor
3. All decisions regarding whether tests shall be rescheduled will be at the discretion of the professor.

4. The student is responsible for making arrangements with the professor, immediately upon return to the College, with respect to make-up of the missed test prior to the next scheduled class for the course in question.
5. In the event of an emergency on the day of the test, the student may be required to produce documentation to support the absence and must telephone the College to identify the absence. The college has a 24-hour electronic voice messaging system at 759-2554.

## **VII. PRIOR LEARNING ASSESSMENT**

Students who wish to apply for advanced credit in the course should consult the instructor. Credit for prior learning will be given upon successful completion of the following:

## **VIII. DIRECT CREDIT TRANSFERS**

Students who wish to apply for direct credit transfer (advanced standing) should obtain a direct credit transfer for from the Dean's secretary. Students will be required to provide a transcript and course outline related to the course in question.