

**SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY**

**SAULT STE. MARIE, ONTARIO**



Sault College

**COURSE OUTLINE**

**COURSE TITLE:** INTRODUCTION TO FORMWORK 1

**CODE NO. :** CTT 130 **SEMESTER:** 2

**PROGRAM:** CONSTRUCTION TRADE TECHNIQUES

**AUTHOR:** SAM SPADAFORA

**DATE:** January **PREVIOUS OUTLINE DATED:**  
2009

**APPROVED:**

**“Corey Meunier”  
CHAIR**

\_\_\_\_\_  
**DATE**

**TOTAL CREDITS:** 1

**PREREQUISITE(S):** NONE

**HOURS/WEEK:** 4

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*For additional information, please contact Corey Meunier, Chair*  
*School of Technology & Skilled Trades*  
*(705) 759-2554, Ext. 2610*

**I. COURSE DESCRIPTION:**

This course focuses on methods and procedures used in form setting. Students will learn to interpret blueprints for form setting activities and the use of form setting tools

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

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

**1. *Read basic blueprints and layout requirements for form setting activities according to specifications.***

Potential Elements of the Performance:

- interpret form setting work plan
- read blueprint to determine dimensions and location of forming system i.e., columns and walls
- describe footing and layout requirements
- interpret the determination of a forming system layout from a benchmark
- describe the process of squaring corners and dropping lines
- interpret industry form setting standard of practice

**2. *Describe the methods and procedures required for the use of form setting tools according to manufacturer and for occupational health and safety standards.***

Potential Elements of the Performance:

- list required personal protective equipment
- identify form setting tools, including:
  - circular saw
  - sledge hammer
  - leveling instrument
  - dry line
  - plumb line
- interpret the purpose and use of stated form setting tools
- demonstrate the use of form setting tools  
describe cleaning procedures related to the use of form setting tools
- outline the procedures for the storage of stated form setting tools
- describe manufacturer specifications
- interpret related occupational health and safety legislation

**III. TOPICS:**

1. Blueprints and layout requirements for form setting activities
2. Use of form setting tools

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

- T.B.A.
- Various handouts supplied by the instructor

**V. EVALUATION PROCESS/GRADING SYSTEM:**

You will be assigned a final grade based on successful completion of assignments, quizzes, field work and tests, weighted as follows:

Theory Testing	40%
Application Testing	50%
Final Assessment	<u>10%</u>
<b>TOTAL</b>	<b>100%</b>

The following semester grades will be assigned to students:

<b>Grade</b>	<b><u>Definition</u></b>	<i>Grade Point Equivalent</i>
A+	90 – 100%	4.00
A	80 – 89%	3.00
B	70 - 79%	2.00
C	60 - 69%	1.00
D	50 – 59%	0.00
F (Fail)	49% and below	
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.	

## VI. SPECIAL NOTES:

### Disability Services:

If you are a student with a disability (e.g. physical limitations, visual impairments, hearing impairments, or learning disabilities), you are encouraged to discuss required accommodations with your professor and/or the Disability Services office. Visit Room E1101 or call Extension 2703 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 postsecondary institutions.

### Communication:

The College considers **WebCT/LMS** as the primary channel of communication for each course. Regularly checking this software platform is critical as it will keep you directly connected with faculty and current course information. Success in this course may be directly related to your willingness to take advantage of the **Learning Management System** communication tool.

### Plagiarism:

Students should refer to the definition of “academic dishonesty” in *Student Code of Conduct*. Students who engage in academic dishonesty will receive an automatic failure for that submission and/or such other penalty, up to and including expulsion from the course/program, as may be decided by the professor/dean. 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.

### Course Outline Amendments:

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

Substitute course information is available in the Registrar's office.

**VII. PRIOR LEARNING ASSESSMENT:**

Students who wish to apply for advance credit transfer (advanced standing) should obtain an Application for Advance Credit from the program coordinator (or the course coordinator regarding a general education transfer request) or academic assistant. Students will be required to provide an unofficial transcript and course outline related to the course in question.

Credit for prior learning will also be given upon successful completion of a challenge exam or portfolio.