

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



COURSE OUTLINE

COURSE TITLE: Installation

CODE NO. : MTF203 SEMESTER: THREE

PROGRAM: Metal Fabrication Technician
4051

AUTHOR: Dave Holley

DATE: Sept 2010 PREVIOUS OUTLINE N/A
DATED:

APPROVED:

“Corey Meunier”
CHAIR

DATE

TOTAL CREDITS: TWO

PREREQUISITE(S): N/A

HOURS/WEEK: TWO

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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:

Understand and explain the process of safe site installation of components and assemblies.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

- 1. Review erection drawings and erection diagrams.**
 - Cross reference plans, sections and elevations
 - Mark numbers
 - Site plans
 - List sequence of erection
 - Consumables
 - Equipment
- 2. Locate site installation area.**
 - Locate laydown area
 - Field dimensions
 - Work site layout
 - Accessibility
- 3. Evaluate possible workplace hazards.**
 - Electrical
 - Water
 - Housekeeping
 - Fire
- 4. Identify received material on site.**
 - Verify materials
 - Organize order of erection materials
- 5. Effectively assign and direct the work of others.**
 - Supervision of work crew
 - Distribute assignments
 - Communication of others
 - Coordinate with others
- 6. Evaluate work progress.**
 - Expediting work progress

III. TOPICS:

1. Understand erection drawings.
2. Identify site locations.
3. Identify workplace hazards.
4. Identify and organize materials on site.
5. Supervision responsibilities.
6. Project progress evaluation.

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

- Alberta ILM – 120101j

V. EVALUATION PROCESS/GRADING SYSTEM:Part 1 NOTES:

1. Re-writes are NOT allowed for any written assignment, quiz or test.
2. Repeats are NOT allowed for any shop test
3. Course attendance is mandatory. One percent (1 %) per hour will be Deducted from the final course grade for unexcused* absence.

[Any absence without a written, valid reason will be deemed unexcused.]

Valid reasons would include:

- Doctor's note
- Apprenticeship Ministry note
- Family Death or Serious Illness supported by a written note.

Part 2 Final Course Grades:

The final course grade will be determined by means of the following list of weighted factors:

Factor	Value
Class Assignments	25 %
Practical Tests	75 %
Attendance	-1% per Unexcused Hour
Late	-1% per Late

The following semester grades will be assigned to students:

Grade	Definition	<i>Grade Point Equivalent</i>
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.	

VI. SPECIAL NOTES:

Attendance:

Sault College is committed to student success. There is a direct correlation between academic performance and class attendance; therefore, for the benefit of all its constituents, all students are encouraged to attend all of their scheduled learning and evaluation sessions. This implies arriving on time and remaining for the duration of the scheduled session.

It is the departmental policy that once the classroom door has been closed, the learning process has begun. Late arrivers will not be granted admission to the room.

VII. COURSE OUTLINE ADDENDUM:

The provisions contained in the addendum located on the portal form part of this course outline.