

I. COURSE DESCRIPTION:

Trade Documentation for Level I - Plumbing serves as an introduction to drafting and drawings used in the construction field.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1. *Identify and use basic drafting tools.*

Potential Elements of the Performance:

- select the set square required for the drawing
- properly align the drawing paper
- select the required scale
- use the scale for to measure object or line sizes

2. *Identify and draw various drawings*

Potential Elements of the Performance:

- define orthographic and isometric drawings
- use the three principal views required for an orthographic drawing
- make an isometric drawing from given orthographic sections

3. *Interpret construction drawings*

Potential Elements of the Performance:

- identify piping symbols
- determine lengths of piping
- use piping symbols to determine pipe direction

III. TOPICS:

1. Drafting tools
2. Paper sizes
3. Paper sizes
4. Isometric drawings
5. Piping symbols
6. Types of construction trade drawings

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

Drafting equipment, paper and text – Blueprint Reading and Drafting for Plumbers.

It is the student's responsibility to supply the required paper necessary for drafting assignments.

V. EVALUATION PROCESS/GRADING SYSTEM:

The final evaluation will be based on the average of in-class assignments and two tests given during the eight week in - school training.

The following semester grades will be assigned to students:

Grade	<u>Definition</u>	<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W	Student has withdrawn from the course without academic penalty.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:**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.

Particular attention to the attendance requirements during the introduction to the apprentices by the Training Consultant for the Ministry of Training, Colleges and Universities must be adhered to for successful completion of the course.

VII. COURSE OUTLINE ADDENDUM:

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