

SAULT COLLEGE OF APPLIED ARTS AND TECHNOLOGY

SAULT STE. MARIE, ONTARIO



COURSE OUTLINE

COURSE TITLE: Arborist Workplace Health and Safety I

CODE NO. : ARB600

SEMESTER: Winter 2016

PROGRAM: Utility
Arborist Level One

AUTHOR: Matt Baker

DATE: January 2016

PREVIOUS OUTLINE

DATED: New

APPROVED:

"Corey Meunier"

Jan 2016

CHAIR

DATE

TOTAL CREDITS: 3

PREREQUISITE(S):
None

HOURS: 25 hours

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For additional information, please contact Colin Kirkwood, Dean,
School of Technology and Natural Resources
(705) 759-2554, Ext. 2688

I. COURSE DESCRIPTION:

This course will provide the learner with a working knowledge of pertinent safety and related legislation as they apply to Utility Arboricultural safe workplace practices; and deal with potentially dangerous on-site conditions, emergencies, hazards and materials.

II. LEARNING OUTCOMES AND ELEMENTS OF THE PERFORMANCE:

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

1. Describe the requirements of federal, provincial, and municipal legislation and regulations governing all aspects of the arboricultural industry.

Potential Elements of the Performance: OHSA, Criminal Liability of Organizations, Construction Regulations, Industrial regulations, Electrical Utility Safety Rules, MTO Book 7, WHMIS, Workplace Safety and Insurance Act, Dangerous Goods Transportation Act, Municipal Bylaws, Forest Fire Prevention Act, Highway Traffic Act, Ontario Regional Common Ground Alliance, Off Road Vehicle Act and Pesticides Act.

2. Identify the hazards of working in an energized environment.

Potential Elements of the Performance: Electrical Theory, Electricity and the Body, Shock damage, Circuit Identification, Electrical Equipment Identification, Barriers to Electrical Energy Overhead and Underground.

3. Identify all other potential hazards of the work site including hazards in trees; overhead, on or under the ground; and hazards to the public.

Potential Elements of the Performance: Environmental hazards, Tree hazards, Ground hazards, Underground Hardware, Poisonous plants.

4. Identify potential fire hazards in the workplace and describe preventative measures and the required procedures to follow in the event of a fire.

Potential Elements of the Performance: Sources of ignition, Types of fire hazards, prevention, fire suppression, fire fighting training.

5. Identify and describe how to handle, store and dispose of hazardous materials, commonly found in the workplace.

Potential Elements of the Performance: Materials, Handling and disposal, Disposal methods, Spill response, Labeling, Dispensing, Transport.

6. Identify and describe the use of pedestrian and vehicular traffic control devices at the job site.

Potential Elements of the Performance: Hazards to control, Site securing methodology.

III. TOPICS:

1. Relevant Legislation
2. Hazards of Energized Environments
3. Other Work Place Hazards
4. Fire Hazards
5. Hazardous Materials
6. Traffic Control

IV. REQUIRED RESOURCES/TEXTS/MATERIALS:

1. Consolidated OSHA includes construction/industrial regs.
2. Electrical Utility Safety Rule Book.

V. EVALUATION PROCESS/GRADING SYSTEM:*Attendance 25%**Quizzes/ Assignments 50%**Scenario Based Test 25%*

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%	
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.

Attendance is critical for success in the course.

Cell phone use will not be permitted.

VII. COURSE OUTLINE ADDENDUM:

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

None