



COURSE OUTLINE

ARB600

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Prepared: Matt Baker Approved: Sherri Smith

Course Code: Title	ARB600: UTILITY ARBORIST WORKPLACE SAFETY I								
Program Number: Name	6560: UTILITY ARBORIST I								
Department:	UTILITY ARBORIST - APPR.								
Semester/Term:	18W								
Course Description:	This course will provide the student with the skills, tools and knowledge necessary to demonstrate a working knowledge of pertinent safety and related legislation as they apply to utility arboriculture safe workplace practices, and deal with potentially dangerous on- site conditions, emergencies, hazards and materials.								
Total Credits:	3								
Hours/Week:	25								
Total Hours:	25								
Essential Employability Skills (EES):	<p>#1. Communicate clearly, concisely and correctly in the written, spoken, and visual form that fulfills the purpose and meets the needs of the audience.</p> <p>#2. Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>#4. Apply a systematic approach to solve problems.</p> <p>#5. Use a variety of thinking skills to anticipate and solve problems.</p> <p>#7. Analyze, evaluate, and apply relevant information from a variety of sources.</p> <p>#8. Show respect for the diverse opinions, values, belief systems, and contributions of others.</p> <p>#9. Interact with others in groups or teams that contribute to effective working relationships and the achievement of goals.</p> <p>#10. Manage the use of time and other resources to complete projects.</p> <p>#11. Take responsibility for ones own actions, decisions, and consequences.</p>								
Course Evaluation:	Passing Grade: 50%, D								
Evaluation Process and Grading System:	<table><tr><th>Evaluation Type</th><th>Evaluation Weight</th></tr><tr><td>Attendance</td><td>25%</td></tr><tr><td>Quizzes / Assignments</td><td>50%</td></tr><tr><td>Scenario Based Test</td><td>25%</td></tr></table>	Evaluation Type	Evaluation Weight	Attendance	25%	Quizzes / Assignments	50%	Scenario Based Test	25%
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Books and Required Resources:

Consolidated OHSa includes construction/industrial regulations
Electrical Utility Safety Rule Book

Course Outcomes and Learning Objectives:

Course Outcome 1.

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

Learning Objectives 1.

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.

Course Outcome 2.

Identify the hazards of working in an energized environment.

Learning Objectives 2.

Electrical theory, electricity and the body, shock damage, circuit identification, electrical equipment identification, barriers to electrical energy overhead and underground.

Course Outcome 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.

Learning Objectives 3.



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Environmental hazards, tree hazards, ground hazards, underground hardware, poisonous plants.

Course Outcome 4.

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

Learning Objectives 4.

Sources of ignition, types of fire hazards, prevention, fire suppression, fire fighting training.

Course Outcome 5.

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

Learning Objectives 5.

Materials, handling and disposal, disposal methods, spill response, labelling, dispensing, transport.

Course Outcome 6.

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

Learning Objectives 6.

Hazards to control, site securing methodology.

Date:

Thursday, August 31, 2017



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Please refer to the course outline addendum on the Learning Management System for further information.