



COURSE OUTLINE: ARB604 - ARBORIST EQUIPMENT I

Prepared: Matt Baker

Approved: Sherri Smith, Chair, Natural Environment, Business, Design and Culinary

Course Code: Title	ARB604: UTILITY ARBORIST EQUIPMENT I	
Program Number: Name	6560: UTILITY ARBORIST I	
Department:	UTILITY ARBORIST - APPR.	
Semesters/Terms:	19W	
Course Description:	This course will provide the student with the skills, tools and knowledge necessary to demonstrate a thorough working knowledge of brush chippers.	
Total Credits:	1	
Hours/Week:	8	
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Prerequisites:	There are no pre-requisites for this course.	
Corequisites:	There are no co-requisites for this course.	
Essential Employability Skills (EES) addressed in this course:	<p>EES 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>EES 2 Respond to written, spoken, or visual messages in a manner that ensures effective communication.</p> <p>EES 4 Apply a systematic approach to solve problems.</p> <p>EES 5 Use a variety of thinking skills to anticipate and solve problems.</p> <p>EES 10 Manage the use of time and other resources to complete projects.</p> <p>EES 11 Take responsibility for ones own actions, decisions, and consequences.</p>	
Course Evaluation:	Passing Grade: 50%, D	
Course Outcomes and Learning Objectives:	Course Outcome 1	Learning Objectives for Course Outcome 1
	Describe types of chippers.	Drum chipper and disc chipper.
	Course Outcome 2	Learning Objectives for Course Outcome 2
	Describe/demonstrate how to prepare chippers for transportation and operation.	Chipper circle check, visual defects, legislated requirements and towing requirements, and hitching chipper to tow vehicle.
	Course Outcome 3	Learning Objectives for Course Outcome 3
	Describe/demonstrate how to set up chippers for use on site.	Manufacturer's instructions, traffic concerns, set up procedures, site selection and pre-operational checks.
Course Outcome 4	Learning Objectives for Course Outcome 4	



	Describe/demonstrate how to operate a chipper.	Safe operating procedures, materials preparation, feeding procedures, chute and in-feed blockages, normal and emergency shutdown procedures.
	Course Outcome 5	Learning Objectives for Course Outcome 5
	Describe basic chipper maintenance.	Inspection, changing cutter knives, cycle blade bolts and rotating the anvil.

Evaluation Process and Grading System:

Evaluation Type	Evaluation Weight	Course Outcome Assessed
Attendance	50%	
Skills Demonstration	50%	

Date:

June 25, 2018

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