



COURSE OUTLINE

ARB705

1

Prepared: Steve McClinchey Approved: Sherri Smith

Course Code: Title	ARB705: UTILITY ARBORIST PRACT 2 BRUSH CHIPPERS								
Program Number: Name	6561: UTILITY ARBORIST II								
Department:	UTILITY ARBORIST - APPR.								
Semester/Term:	18W								
Course Description:	Demonstrate a thorough working knowledge of brush chippers and aerial devices used in Utility Arboricultural practices.								
Total Credits:	2								
Hours/Week:	4								
Total Hours:	4								
Essential Employability Skills (EES):	<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>#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>Skills Demonstration</td><td>25%</td></tr></table>	Evaluation Type	Evaluation Weight	Attendance	25%	Quizzes / Assignments	50%	Skills Demonstration	25%
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Course Outcomes and Learning Objectives:	<p>Course Outcome 1.</p> <p>Describe types of chippers.</p> <p>Learning Objectives 1.</p>								



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Drum chipper and disc chipper.

Course Outcome 2.

Describe/demonstrate how to prepare chippers for transportation and operation.

Learning Objectives 2.

Chipper circle check, visual defects, legislated requirements and towing requirements, and hitching chipper to tow vehicle.

Course Outcome 3.

Describe/demonstrate how to set up chippers for use on site.

Learning Objectives 3.

Manufacturer's instructions, traffic concerns, set up procedures, site selection and pre-operational checks.

Course Outcome 4.

Describe/demonstrate how to operate a chipper.

Learning Objectives 4.

Safe operating procedures, materials preparation, feeding procedures, chute and in-feed blockages, normal and emergency shutdown procedures.

Course Outcome 5.

Describe basic chipper maintenance.



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Learning Objectives 5.

Inspection, changing cutter knives, cycle blade bolts and rotating the anvil.

Date:

Thursday, August 31, 2017

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