

Great Oaks	Heavy Equipment Operations	Competencies						
Essential Skills Needed at completion of program								
Rating Key: 1 = Not Essential    2 = Slightly Essential    3 = Essential    4 = Very Essential								
<b>KEY VOCATIONAL BARRIER FACTORS</b>					<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Visual Acuity - the ability to detect differences/details visually								X
Depth perception-ability to the physical distance/depth of objects in space and time							X	
Auditory Acuity-the ability to detect differences in pitch/sound						X		
Oral Communication - the ability to verbally express/explain ideas								X
Written Communication							X	
Physical Mobility/Strength-see below							X	
<b>WORKER TRAIT CHARACTERISTICS</b>					<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Ability to get along with other students							X	
Cooperativeness with instructor								X
Attitude toward work including tasks of minimal interest							X	
Ability to work independently, without close supervision							X	
Ability to stick to assigned task to a positive/expected conclusion								X
Ability to work accurately within industry standards							X	
Ability to follow and retain:								
Oral Instruction - multi-step								X
Written instructions/technical manuals - multi-step								X
Diagram instructions - simple to complex							X	
Visual Model/demonstrated instructions								X
Ability to use numerical data (count, compute, etc.) in an applied setting							X	
Ability to discriminate between objects of similar:								
Size							X	
Shape							X	
Color							X	
Spatial Relationship							X	
Ability to use tools of the trade (blades, clippers, grooming clippers) as instructed								X
Dexterity (fine finger)							X	
Coordination (eye-hand)								X
Ability to organize work process/follow defined procedures							X	
Ability to sequence events or follow a sequence as necessary								X
<b>MATH SKILLS</b>					<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Counting - Recording - Comparing - Calculation (whole numbers) - Grade Level 1 - 3								X
Calculation (Fractions - Decimals, Order of Operations, Pre-Algebra) - Grade Level 4 - 6							X	
Ratio, Algebra, Formulas, Square Root - Grade Level 7 - 8								X
Geometry, Prime, Advanced Algebra - Grade Level 9+								X
<b>READING SKILLS</b>					<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
Grade Level 1 - 4								X
Grade Level 5 - 7								X
Grade Level 8 - 12							X	
Grade Level 12+						X		
<b>Safety Considerations:</b>								
Need to be willing to work outside in any weather. May be required to do physical								
<b>Work Preference to Consider:</b> inside/outside/varying climate conditions. Don't mind heights, moving, bending, stooping. Able to use ladders								
<b>Safety Considerations:</b> able to comprehend hazards of working with tools and materials; able to wear personal protective equipment suitable for the task								

