

Great Oaks	Equine Science	Competencies			
Essential Skills Needed at completion of program					
Rating Key: 1 = Not Essential 2 = Slightly Essential 3 = Essential 4 = Very Essential					
KEY VOCATIONAL BARRIER FACTORS	1	2	3	4	
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		
WORKER TRAIT CHARACTERISTICS	1	2	3	4	
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		
MATH SKILLS	1	2	3	4	
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				
READING SKILLS	1	2	3	4	
Grade Level 1 - 4				X	
Grade Level 5 - 7				X	
Grade Level 8 - 12			X		
Grade Level 12+		X			
<p>Work Preference to Consider: Move around Not mind getting dirty/wearing gloves Not mind smells-animal and chemical Allergies - pet/animal/hay Need strong memorization skills Not mind handling unfamiliar animals</p> <p>Safety Considerations Physical strength to lift animals of more than 20 pounds & be able to safely lift cages/aquariums, etc.</p>					

