



AGRICULTURE AND LIVESTOCK PRODUCTION

Suggested Entry Level Minimum Competencies

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
Auditory Acuity—the ability to detect differences in pitch/sound			X	
Oral Communication—the ability to verbally express/explain ideas			X	
Written Communication—recording data			X	
Physical Mobility/Strength—must be able to lift a minimum of 25 pounds			X	
Eye-Hand Coordination				X
WORKER TRAIT CHARACTERISTICS				
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 and without close supervision				X
Ability to stick to assigned task to a positive/expected conclusion			X	
Ability to work accurately (defined work standards)				X
Ability to follow, interpret, and retain:				
Oral instructions (multi-step)			X	
Written instructions from manuals/instructor sheets			X	
Diagram instructions			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 Relationships			X	
Ability to use tools of the trade—farm equipment, mechanical tools, etc.			X	
Coordination (eye-hand-foot)			X	
Ability to organize work process			X	
Ability to interpret and utilize charts to reference			X	
MATH SKILLS				
Counting – Recording – Comparing – Calculating (whole numbers) ~ Grade Level 1-3				X
Calculating (fractions, decimals) ~ 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				
Grade Level 1-3				X
Grade Level 4-6			X	
Grade Level 7-8			X	
Grade Level 9-12			X	

*The above was constructed from CT Supervisor and Instructor input and should be considered when exploring career technical programs at MVCTC.

Note: Final acceptance, for admittance, for a student on an IEP will be determined after an IEP meeting is convened with a MVCTC representative in attendance.

Work Preferences to Consider

- Enjoys agriculture classes
- Enjoys outdoor work
- Enjoys moving around
- Does not mind different smells
- Does not mind dusty/dirty/muddy work
- Comfortable in working around farm animals

Health and Safety Considerations

- Animal allergies
- Physical strength is important for safety issues

Revised 9/2020