



ARCHITECTURAL DESIGN

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/Depth perception—the ability to detect differences/detail 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			X	
Physical Mobility/Strength		X		
Eye-Hand Coordination & fine finger Dexterity			X	
Computer skills/proficiency			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
Dependability (Attendance, Punctuality)			X	
Ability to work accurately/within industry standards				X
Ability to follow and retain:				
Oral instructions—multi-step			X	
Written instructions—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/proportion			X	
Color		X		
Spatial Relationships			X	
Ability to use tools of the trade (computer, protractor, compass, ruler, etc.)		X		
Ability to organize work process			X	
Ability to solve problems through a logical process/sequence of steps		X		
MATH SKILLS—in an applied lab setting				
Counting – Recording – Comparing – Calculating (whole numbers, some dec.) - Grade Level 1 - 3				X
Calculating (Fractions – Decimals, Order of Operations, pre-Algebra) – Grade Level 4 – 6				X
Ratio, Algebra, Formulas - Grade Level 7 - 8				X
Geometry, Advanced Algebra – Grade Level 9+			X	
READING SKILLS				
Grade Level 1- 4				X
Grade Level 5 - 7				X
Grade Level 8 - 12			X	
Grade Level 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

- Sitting for extended periods of time
- Strong Computer Skills
- Independent Work
- Strong Organizational Skills
- Detail Oriented
- Creativity is a plus
- Enjoy math and science
- Strong visualization skills

Revised 9/2020