



AUTOMOTIVE TECHNOLOGY

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 | | | X | |
| Physical Mobility/Strength | | | X | |
| Eye-Hand Coordination and Dexterity | | | | X |
| Computer skills | | | X | |
| WORKER TRAIT CHARACTERISTICS | | | | |
| Ability to get along with other students | | | X | 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 and work to precision standards | | | X | |
| Dependability (Attendance, Punctuality.) | | | X | |
| Ability to work accurately, recheck and correct work, to within industry standards | | | X | |
| Ability to follow and retain: | | | | |
| Oral instructions—multi-step | | | X | |
| Written instructions/ technical manuals—multi-step | | | X | |
| Diagram instructions—simple to complex | | | X | |
| Visual model/demonstrated instructions | | | X | |
| Ability to troubleshoot and follow a sequence | | | X | |
| Ability to discriminate between objects of similar: | | | | |
| Size | | | X | |
| Shape | | | X | |
| Color | | | X | |
| Spatial Relationships | | | X | |
| Ability to use tools of the trade (gauges, metric and standard, etc.) | | | X | |
| Dexterity—fine finger | | | X | |
| Ability to organize work process | | | X | |
| MATH SKILLS ---Applied in a lab setting | | | | |
| Counting – Recording – Comparing – Calculating (whole numbers) - 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

- Detail Oriented
 - Computer Skills
 - Dirty/Greasy
 - Working with Tools and has experience with tools
 - Strength is a plus- Inside work- Crawling, Bending, Stooping, overhead work
- Work in tight spaces
 - Problem solving/troubleshooting

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