

A Manufacturer's Ideal High School Graduate & Potential Employee

Top Ten Technical Skills:

1. Application of mathematics including algebra, geometry and trigonometry
2. Blue print/schematic reading
3. Computer literacy
4. Read & use a ruler, calipers and measuring devices
5. CAD/CAM/BMI/design software
6. Creativity – understanding methods to be creative and innovative
7. Commitment to safety
8. Mechanically inclined/understand mechanics
9. Basic manufacturing equipment & processes knowledge
10. Basic quality concepts/Six Sigma

Top Ten Employability Skills:

1. Showing up for work on time, every day, ready to work
2. Communication skills – written, verbal, listening
3. Problem solving – root cause analysis
4. Self-motivated
5. Personal accountability
6. Positive attitude
7. Life-long learner
8. Willingness to do/try new things
9. Need for continuous improvement
10. Team player/ Ability to work in teams/collaborate

Thanks to the members of the Manufacturing Alliance Steering Committee & the Waukesha School District's Engineering, Manufacturing & Technology Advisory Committee for their input.