

AN EDUCATOR'S PERSPECTIVE

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TOLEDO TECHNOLOGY ACADEMY

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- Career Technology Education High School
- Engineering and Manufacturing Technology focus
- Graduates pursue:
 - 2 & 4-year College Degrees
 - Skilled Trades
 - Military

EDUCATIONAL CHALLENGES

- College and career ready
- Innovative and engaging
- Evidence based proven results
- Current technology usage
- Industry certifications or credentials

SKILLED TECHNICAL WORKFORCE CHALLENGES

- Not enough qualified applicants
- Education and training time constraints
- Apprentices not completing training
- Retirement and journey-person migration
- Perception of certain jobs, i.e., Manufacturing

DIGITAL TUTORING POTENTIAL

- Research proven results suggest that we could increase the efficient use of time and resources for education and skilled technical workforce training.
- Targeting applications toward current high demand career fields, such as advanced manufacturing, could significantly reduce investment and time horizons.