



Virtual Manufacturing Training Program

Frequently Asked Questions (FAQ)

What are the benefits of working in manufacturing?

- Manufacturing, in 2021, has evolved from dirty and unsafe environment to clean and automated environments with integrated quality control, ergonomics, safety and worker-friendly industrial engineering standards. Yes, occasionally, you will still find “old school” manufacturers from your father’s (or grandfather’s) day still around but they are phasing out as new quality assurance standard demand more efficient systems and mandated safe working environments
- For individuals without a college degree, manufacturing provides diverse opportunities in production, engineering, back-office and management jobs. Individuals that progress in continued education, On-the-Job-Training (OJT), internships and apprenticeships will find many opportunities
- Although many jobs have left the country and will not return, manufacturing occupations now require more technical, computer, innovation and communication skills
- Manufacturing pays a competitive starting wage with more opportunities for yearly wage increases

Training Eligibility Requirements

- High School Diploma or Equivalent
- Must be unemployed due to impact of the COVID pandemic (will be verified)
- Long-term unemployed not impacted by COVID do not qualify
- Must have a stable internet connection, an internet streaming device, a webcam (can be integrated and a microphone or a mobile phone
- Must have digital literacy in basic email, internet browsers and basic computer applications
- Must be able to participate in online learning for consecutive hours of training on multiple days per week

What are the Pros and Cons of Virtual Learning?

Pros	Cons
<ul style="list-style-type: none"> ▪ Flexible training schedule ▪ Professional coaching ▪ Instructor-driven curriculum ▪ Tracking your progress ▪ Coursework can be reviewed as much as you want 	<ul style="list-style-type: none"> ▪ Time management is important ▪ The ability to work effectively within multiple applications (Google Meet, Gmail, Calendar, YouTube) ▪ Home distractions ▪ Using a mobile phone for training versus a more appropriate device such as a tablet, laptop or desktop computer ▪ You are fully dependent on your internet connection ▪ Lack of real-time instructor and team interaction

Overview of the Curriculum

There are seven (7) curriculum topics you will be focusing on during the seven (7) week training:

1. Manufacturing Career Awareness (Tooling U Modules- 20 Hours)
2. Basic Manufacturing Work Standards (Google Workspace-20 Hours)
3. Basic Manufacturing Principles (Tooling U-20 Hours)
4. Occupational Safety & Health (Tooling U Module- 10 Hours)
5. Manufacturing Basics: Measurement and Mathematics Hours (Tooling U- 20 hours)
6. Manufacturing Basics: Blueprint Reading (Tooling U- 20 Hours)
7. Manufacturing Basics: Machining Operations and Techniques (Tooling U - 50 Hours)

The majority of your training (90%) will be through Tooling U, an online training platform for the manufacturing industry. Each trainee will be provided a Tooling U account with login information. You will have time to get comfortable with the interface prior to the start of the program. The program director will review Tooling U with the trainees during the training program orientation.

The other 10% of your training will assigned by your instructor and will consist of research and article reviews through YouTube and other online media.

- The program will be monitored by the instructor and will move at the best pace for the students
- Students will have access to the coach/instructors through Gmail and Google Meet events that will be scheduled
- The seven curriculum topics will be schedule based on the discretion of the instructors