LEARNING PLANS FOR MANUFACTURING JOB ROLES
Online Training from DVIRC and Tooling U-SME offers a quick-start, progressive road map that allows manufacturers to build career paths for employees. This online training is intended to enhance your existing on the job training, to create a job progression plan and requires minimal preparation. It is efficient, effective training that has been developed with input from manufacturing experts.

FLEXIBLE AND CONVENIENT
Online classes are self-paced, typically taking 60 minutes to complete. They are easily and conveniently accessible on desktops and laptops, and on tablets and phones with the Tooling U-SME app.

CAREER PATHWAYS FOR ENGINEERING JOB ROLES
Combine job roles for learning pathways, or offer single job roles for targeted learning. Large comprehensive programs also available.

Online Training offers:
- Content developed by industry experts
- Accessible anytime, anywhere
- Self-paced
- Predefined curriculum for each job role
- Engaging and interactive content
- Pre- and post-training knowledge assessments
- Access to Tooling U-SME’s Learning Management System (LMS)
- Guidance from our Client Success team, including advice, insights, and ideas built on best practices and years of experience

To begin your training program or for more information, call DVIRC at 215-464-8550 or email info@dvirc.org
Mix and match all offerings for personal job progression paths.

### ENGINEERING FUNDAMENTALS

| Units of Measurement  | Basics of Tolerance  | Blueprint Reading  | Algebra Fundamentals  | Geometry: Lines and Angles  | Geometry: Circles and Polygons  | Trigonometry: The Pythagorean Theorem  | Trigonometry: Sine, Cosine, Tangent  | Statistics  | Introduction to Physical Properties  | Introduction to Mechanical Properties  | Introduction to Metals  | Introduction to Plastics  | Essentials of Heat Treatment of Steel  | Lean Manufacturing Overview  | Cutting Processes  | Introduction to CAD and CAM for Machining  | Electrical Units  | Introduction to Circuits  | DC Circuit Components  | AC Fundamentals  | Introduction to Ceramics  | Introduction to Additive Manufacturing  | Additive Manufacturing Safety  | Additive Manufacturing Methods and Materials  | Intro to Assembly  | Introduction to Composites  |
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### ENGINEERING TECHNICIAN


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