

ONLINE CLASSES

Scalable training. Measurable results.

For almost 20 years, Tooling U-SME has been developing online manufacturing training classes used by thousands of organizations, including more than half of the Fortune 500® manufacturing companies and hundreds of educational institutions.

Designed by educational and manufacturing experts.

The Tooling U-SME difference is our expertise – both in manufacturing knowledge and educational development. We partner with industry leaders to create classes that are rich in content, thorough in instruction, and directly linked to real-world competencies. Our content development team uses sound educational methodologies to create self-paced, compelling classes that engage students using the latest web technology.

Mapped to manufacturing competencies and requirements and aligned with certifications.

We offer more than 500 individual classes in English and Spanish, each mapped to specific competencies for every manufacturing area, role, and function via our Tooling U-SME Competency Framework. Any class or department may be customized for a specific company, brand of machine, or workplace. Our classes can be mapped to individual or state curriculum requirements and are aligned to national credentials, including:

- ◆ Lean Certification: Bronze, Silver, and Gold
- ◆ Certified Manufacturing Engineer (CMfgE)
- ◆ Certified Manufacturing Technologist (CMfgT)
- ◆ National Institute for Metalworking Skills (NIMS)
- ◆ Manufacturing Skills Standards Council (MSSC)
- ◆ American Welding Society (AWS)
- ◆ Siemens Mechatronics
- ◆ Additive: Manufacturing Fundamentals and Manufacturing Technician

Easy to use, interactive, and engaging.

Students access their assigned classes using a simple web interface accompanied by an audio track of each lesson. Each class starts with a pretest to establish baseline knowledge and contains multimedia elements, such as videos, interactive scenarios, and simulators, to keep students focused. Classes may consist of anywhere from 10 to 30 lessons, with reinforcement exercises interspersed to aid retention. A final test measures comprehension.

Track and measure constantly.

The training administrator can monitor the entire learning process, with access to metrics like the time students spend in classes, beginning competency levels, and progress made. The administrative center interface also enables the creation of a variety of reports and other documentation. In addition, all classes may be seamlessly integrated into your LMS system.

Tooling U-SME is a leader in manufacturing workforce education and development.

