

# CERTIFICATIONS

## Industry-standard validations of knowledge and skills

Our certification programs are led by professionals within the manufacturing industry who guide the development and continuous improvement of the bodies of knowledge and competency models upon which the certifications are based.

Companies select us to assess and certify their workforce, increasing productivity and product quality. Education institutions and industry groups turn to us to augment their evaluation plans for accreditation, ensuring the workforce readiness of their students. Individuals choose us to validate knowledge, acquire industry-standard credentials, and advance their careers.

### Lean Certification

Lean is a smarter way of doing business that saves time, money, and resources while reducing waste. Implementing lean processes requires a workforce that can apply these practices in a meaningful way. Lean Certification validates your employees' lean knowledge and utilizes skills that can advance your organization.

This industry-leading program is the result of an alliance between SME, the Association for Manufacturing Excellence (AME), and the Shingo Institute.

The three levels of Lean Certification — Bronze, Silver, and Gold — provide your workforce with a progressive development process to build knowledge and apply lean principles and tools on the job.

### Additive Certification

The Certified Additive Manufacturing Fundamentals is the first and only certification validating an individual's knowledge of industry-standard concepts in additive manufacturing. The certifications are stackable, creating a flexible, modular pathway for mastering the principles and processes of additive manufacturing. The additive manufacturing industry is expected to increase exponentially, and the certification prepares individuals for success in this rapidly growing field.

### Technical Certifications

#### Certified Manufacturing Technologist (CMfgT)

This certification offers you the assurance that your entry-level engineers have validated manufacturing knowledge. It also provides experienced employees without other credentials the opportunity to gain authentic validation of their knowledge against industry standards. It requires a minimum of four years of combined manufacturing-related education and/or work experience.

#### Certified Manufacturing Engineer (CMfgE)

The CMfgE credential validates your employees' advanced manufacturing experience and determines areas for improvement. Earning a CMfgE certification requires a minimum of eight years of combined manufacturing-related education and work experience. (A minimum of four years must be work experience.) A CMfgT qualifies for this certification with a minimum of seven years of combined manufacturing-related education and work experience.

<http://www.sme.org/certification/>

Certifications prove your value.

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

