METAL

CAST. FORGE. CREATE.



Forge your future in metallurgy with our self-paced, no-cost online classes. Be part of the next generation of creators and pioneers working to reignite America's metal industry and strengthen our national manufacturing base. In-person training is available upon completion of the online courses at select locations.

ONLINE COURSE OFFERINGS



METAL LEVEL ONE

8.5 hours, self paced | METAL Level 1 digital credential from Credly.

- Introduction to Metalcasting and Metalcasting Processes
- Metallurgy and Heat Treatment
- Nonferrous Metals and Alloys
- Cast Irons and Steels
- Introduction to Casting Design and Modeling
- And more!

DIGITAL TECHNOLOGIES FOR CASTING

1.5 hours, self paced | METAL Online Digital Credential from Credly

- Introduction
- Industry 4.0
- Data Analytics
- Immersive Technologies
- Automation and Robotics
- Advanced Manufacturing



FORGING

12 hours, self paced | METAL Online Digital Credential from Credly

- Introduction to Forging
- Solid Mechanic Fundamentals
- Hot, Cold, and Warm Forging Processes
- Tool Design
- Forging Presses
- Introduction to Industry 4.0
- And more!

SAND SCIENCE

4 hours, self paced | METAL Online Digital Credential from Credly

- Sand Casting Molds & Cores
- Green Sand
- Resin Bonded Sands
- System Improvements

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