

Technical Employment Training, Inc., a 501(c)3 non-profit business and education cooperative was formed in partnership with the San Bernardino County Superintendent of Schools (SBCSS) Regional Occupational Programs, to provide manufacturing trades education and hands-on machinist skills training to prepare students for National Institute for Metalworking Skills (NIMS) credentials.







### Mission

Technical Employment Training (TET) utilizes technology and academics, in a real work and interactive educational setting, with nationally recognized credentials and certifications. This training will enhance employability and technical job skills, along with career growth for a diverse group of learners who will become better prepared to enter the new workforce of the 21st century.







Visit Our Website technicalemploy.org



Our Location 194 N. Leland Norton Way San Bernardino CA 92408



# **Manufacturing Hybrid Schedule**

Module 1

Monday Tuesday Wednesday Thursday Friday

Monday Tuesday Wednesday Thursday Friday In Person In Person Online Online Module 2 Online Online In Person In Person 8:00am-4:00pm 8:00am-4:00pm 8:00am-4:00pm Asynchronous Asynchronous

Asynchronous Asynchronous 8:00am-4:00pm 8:00am-4:00pm 8:00am-4:00pm

#### **MODULE 1**

- Orientation and career opportunities
- Workplace safety and personnel wellness
- Introduction to Lean Manufacturing
- Legal, Ethical and Environmental Considerations
- Applied Mathematics and Machinery Hand Book
- CAD CAM software
- Basic blueprint reading and green manufacturing
- Metrology and Inspection
- Introduction to various conventional lathe/mills
- Introduction to conventional lathe/mills operations
- Introduction to Layout and NIMS certification

#### **MODULE 2**

- Preparation for the bench and layout certification
- Leader and teams roles in industry
- Effective communication 210 hours
- Leader and team roles in advanced manufacturing
- Effective communication and safety
- Introduction to programming set-up
- Basic Toolpath creation from solids and 2D files
- Toolpath creation from solids for CNC lathes and mills
- CNC lathe programming
- CNC mill programming
- Process Planning

## Total Cost for 630 Hours of Training \$7,700.00