



# Conventional Machining and CNC Machining-(Entry Level)



Santa Fe Springs Campus

## Training Starts: February 5, 2018

This is an Introductory Class in performing basic setups and operations of Conventional Mills, Lathes, Grinders, and Saws; in addition, an Introduction to CNC Programming, setups, and operations. Students will demonstrate an understanding and interpretation of Blueprints, Proper Hand Tool Safety Procedures, and the use of Basic Inspection Tools. Students will also be taught the proper usage of G&M Codes and the sequence of Operations in CNC Machining and Data Transfer from computer to CNC Machines. Upon completion of this training program, students will be able to perform Basic Inspection techniques, setup and operation of conventional mills, lathes, grinders, and saws with the skills necessary to perform setups of moderate complexity on CNC Machining and Turning Centers.

### About the course:

- Basic Set Up and Operation of Conventional Mills
- Introduction of CNC Programming, Operations and Set Ups
- Interpretation of Blueprints
- Hand Tool Safety Procedures
- Preparatory and Miscellaneous Programming Commands: G-Codes & M-Codes

### Requirements:

- Complete all Sessions of Classroom and Hands on Experience
- Attendance for every class session is required

### Class Sessions:

- Start Date: February 5th, 2018
- End Date: April 10<sup>th</sup>, 2018
- Evenings: 3:00PM-10:30PM
- 9-Weeks / 315-Hours

### Please bring the following:

- Social Security Card, California ID or Driver's License or Passport
- Proof of Income (EBT card, UI benefits paperwork, etc.)
- Proof of Residence (i.e. utility bill)

*Our Career Services Department will assist in your pathway towards becoming employed in the industry. We're committed in helping you in your job search towards your new career.*

**This CNC Machinist & Conventional Training Course is an approved I-Train Course in association with:**

The Workforce innovation and Opportunity Act (WIOA)



**For more information and to schedule your enrollment,**

### Please contact:

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