



## Geometric Dimensioning & Tolerancing

28 Hrs

**Course Objective:** Students will become familiar with the interpretation of geometric dimensioning and tolerancing symbols per ANSI Y14.5M-1994.

**Who should attend?** Machine operators, quality inspectors, design engineers, production supervisors and anyone involved in the specification and production of precision parts.

### Training Topics to include:

- Dimensioning and Tolerancing
- Datums and datum planes
- Material Condition
- Tolerances of Form and Profile
- Tolerances of Orientation and Runout
- True Position
- Location Tolerances and Virtual Condition

**Prerequisites:** Successful completion of blueprint reading class, or one year experience reading and interpreting blueprints, highly recommended.

ETI instructor Angel De Sevilla is a principal at a consulting group specializing in kaizen facilitation and manufacturing implementation. He has designed custom-made CNC lathes, and has provided installation and training services for high-end CNC grinding machines. He teaches lean manufacturing and other manufacturing technologies for several local economic development agencies. Angel has an MBA from Pepperdine and a BS in mechanical engineering from Cornell University.

### **Employment Training Panel – State Funded Training \* Non-ETP Cost: \$728**

**WHEN:** Tuesdays  
4:30 pm to 8:30 pm  
April 26, 2016  
Through  
June 7, 2016

**WHERE:**  
College of the Canyons  
26455 Rockwell Canyon Road  
Santa Clarita  
Room TBA

**For more information or to register, please contact Sherie Arnold  
at 661.362.5657 or [sherie.arnold@canyons.edu](mailto:sherie.arnold@canyons.edu)**

\*For employees of eligible employers. Employees are not considered registered until all paperwork is received, a \$250 participant fee, per trainee, has been paid to the Santa Clarita Community College District and the Employment Training Panel has determined eligibility. State subsidy is contingent upon the trainee completing all the Employment Training panel requirements. Please contact the Employee Training Institute, 661.362.5657, for details on eligibility requirements.

