

## Blueprint Reading & Shop Math

40 Hrs

This course is intended for workers with little or no formal training in print reading and shop math. At the end of the course, the student should be able to read, interpret and understand simple engineering drawings and perform mathematical computations by hand without the use of a calculator.

### Shop Math topics include

- Addition and subtraction of decimals & fractions
- Multiplication and division of decimals & fractions
- Basic trigonometric functions (sin, cos, tan)

### Print Reading topics include

- Title blocks
- Reading and interpreting notes
- Types of lines
- Multiview drawings
- Drawing orthographic views
- Dimensioning
- Tolerances
- Auxiliary views
- Sectional views

**Who Should Attend:** Inspectors, machinists, technicians, assemblers, purchasing agents, and others involved in product quality and inspection should join this class to improve their communications with customers and coworkers.

**ETI Instructor** Mike Letson has a variety of experience working with Fortune 500 companies, as well as small and medium sized businesses across a multitude of industries. He is a certified Six Sigma Black Belt (SSBB) with a DMAIC concentration specializing in transactional analysis for organizations ranging from city governments to manufacturing. Mike Letson has been an instructor with ETI for more than ten years, and he is known for his high energy and results-driven instructional techniques. He brings a wide range of experience from military, corporate, and entrepreneurship, allowing him to relate topics directly to each participant. Mike continually finds new ways to keep participants engaged in learning.

**\*Employment Training Panel – State Funded Training: \$350.00  
Non-ETP Cost: \$1,390.00**

#### **WHEN:**

**Mondays  
May 22, 2023 – August 7, 2023  
5:00 pm to 9:00 pm  
No class May 29 and June 19**

#### **WHERE:**

**College of the Canyons  
26455 Rockwell Canyon Road  
Santa Clarita  
Room TBD**

**For more information or to register, please contact Jocey Hogan  
at 661.362.5657 or [jocey.hogan@canyons.edu](mailto:jocey.hogan@canyons.edu)**

\*For employees of eligible employers. Employees are not considered registered until all paperwork is received, the 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.