This two-day course is a continuation of GD&T – Fundamentals, again focusing on practical GD&T application and introducing additional advanced concepts such as the Datum at Virtual Condition Rule, tolerance calculation and more complex GD&T controls. The program begins with a review of GD&T, and then continues with practical team exercises designed to enhance knowledge, build confidence, and nurture a team environment. This class is a minimum lecture, maximum experience and participation format.

**Who should attend:** This program is designed for anyone who is currently familiar and proficient with the concepts and practices of GD&T. Particular emphasis is placed on those who are responsible for specifying and interpreting technical documentation. Individuals desiring to become a certified Geometric Dimensioning and Tolerancing Professional (GDTP) by passing the ASME GDTP exam will need this course.

**Prerequisite:** GD&T – Fundamentals or equivalent experience. (Pre-skill evaluations are available upon request)

**BENEFITS**

This program is a continuation of your education in the Y14.5 standard. In this program, we focus on the application and interpretation of GD&T - another step closer to becoming a GD&T expert.

**AGENDA**

The program begins with a review of GD&T, and then continues with practical team exercises designed to enhance knowledge, build confidence, and nurture a team environment. This class is a minimum lecture, maximum experience and participation format.
GD&T Training - Advanced

- Introduction - Objectives, review GD&T – Fundamentals.
- General rules of dimensioning and drafting review.
- Review of the more complex controls - composite position, projected tolerance zone, etc.
- Datum Reference Frames - proper selection and utilization exercises.
- Calculating tolerances for maximum producibility and 100% interchangeability.
- Functional gauge design - "Soft" or "Paper" as well as tooled gauges.

Hours: 16hrs  CEUs: 1.6
Location: Central Campus
Days: Wed & Thurs
Times: 8a.m. – 5p.m.
Date: TBD
Cost: $725 (Material Incl)

More information contact:
David Lewis at 281-542-2061
David.Lewis@sjcd.edu

Visit our website:
http://www.sanjac.edu/cpd/bp-training