



FOUNDATIONS OF  
DIMENSIONING AND  
TOLERANCING  
COMPLETED BY

**EROMOSELE EIGBE**

ON  
OCT 03, 2024

ISSUED BY



# TECHNICAL CERTIFICATE

| FOUNDATIONS OF DIMENSIONING  
AND TOLERANCING

## Course Description:

Achieving design intent is the goal of GD&T, and an understanding of Dimensioning and Tolerancing helps you create part designs that meet real-world specifications. These foundational lessons cover the basics for part design to make sure that requirements are met without excessive costs or production time.

Verified certificate by SolidProfessor

<https://www.solidprofessor.com/certificates?id=50A6986A-D728-42F2-AA14-71024B5F0C42>



FUNDAMENTAL PRINCIPLES  
OF GD&T

COMPLETED BY

**EROMOSELE EIGBE**

ON  
OCT 06, 2024

ISSUED BY



# TECHNICAL CERTIFICATE

| FUNDAMENTAL PRINCIPLES OF  
GD&T

Course Description:

Geometric Dimensioning and Tolerancing ensures that your projects meet

their design intent and are fit for their real-world application when produced. GD&T also helps with material and cost controls by incorporating datums into drawings for fine-tuning parts. In this course, you'll learn the fundamental principles needed to communicate fluidly between design and manufacturing.

Verified certificate by SolidProfessor

<https://www.solidprofessor.com/certificates?id=5608DADD-0E9F-4A00-A437-BAD97477594A>



APPLYING GD&T CALLOUT  
TYPES

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| APPLYING GD&T CALLOUT TYPES

## Course Description:

With the foundations for GD&T set, this course dives into all the different callout types that can be applied to parts – controls for form, profile, orientation, location, and runout. Not only will you learn the concept behind each callout, you'll also dive into real world scenarios where these callouts are applied. From identifying position callouts for holes to more complex total runout geometry, you'll be fully versed in all callout types and be able to apply them to your own designs.

Verified certificate by SolidProfessor

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REAL WORLD USES OF GD&T

COMPLETED BY

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ON

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| REAL WORLD USES OF GD&T

## Course Description:

Combining the foundational GD&T principles from the previous three courses, this course applies controls and tolerances to real-world designs. By diving into manufacturing processes used to create each design, you'll walk away with a thorough understanding of how to properly apply GD&T to the right aspects of the design. This will cover sheet metal parts, milled components, turned parts, and pre-formed designs (cast, injection molded, etc.). Take your GD&T knowledge and solidify how it's applied in real world designs.

Verified certificate by SolidProfessor

<https://www.solidprofessor.com/certificates?id=68EE6ADF-944F-4E99-9FAF-D09B3414D6F1>