

# Eight tracks to GD&T expertise

## Manufacturing—6 tracks

Seminars

### GD&T LEVEL E

Learn how GD&T affects your bottom line

### GD&T LEVEL 1

Learn to understand engineering drawings & perform print reviews

### GD&T LEVEL 2

Learn how to correctly interpret GD&T symbols

### GD&T LEVEL 3

Learn to apply physical measurement principles to 1D & 2D measurements

### GD&T LEVEL 4

Go beyond the fundamentals of GD&T

### GD&T LEVEL 5

Get a better understanding of 3D measurement systems, including a critical view of Gage R&R

### GD&T LEVEL 6

Learn how to improve tolerancing on individual components and sub-assemblies

### GD&T LEVEL 7

Achieve a firm understanding of measurement uncertainty per ASME B89.7.2 -2007

Tracks

Executive 1

Manager 2

Introduction 3

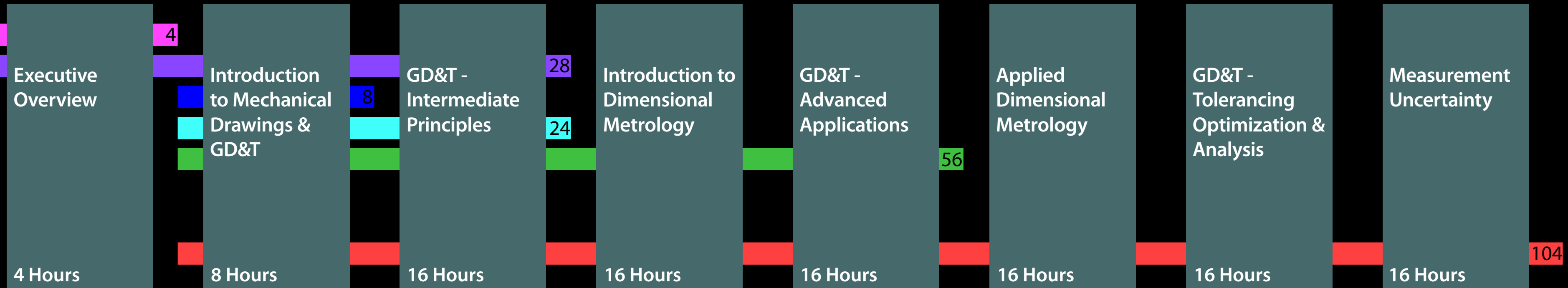
Fundamentals 4

Applications 5

Systems 6

Analysis 7

Command 8



### Job Path / Responsibility

- 1 Directors, VPs, GMs
- 2 Managers
- 3 Mechanical assemblers
- 4 Machine operators
- 5 Process technicians
- 6
- 7
- 8 Process/manufacturing engineers



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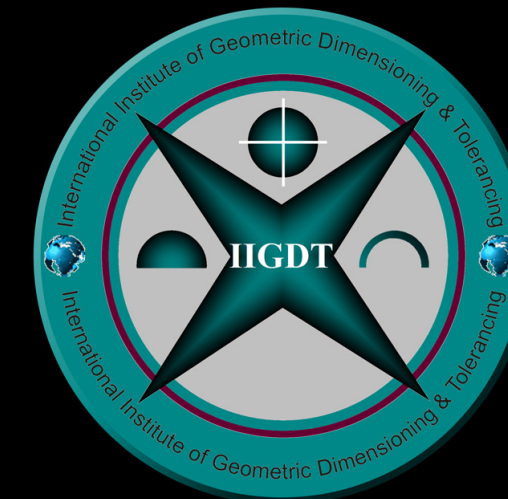
### Tracks

Executive 1	4
Manager 2	Executive Overview
Introduction 3	
Fundamentals 4	
Applications 5	
Systems 6	
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Command 8	
	4 Hours

	Introduction to Mechanical Drawings & GD&T	GD&T - Intermediate Principles	Introduction to Dimensional Metrology	GD&T - Advanced Applications	Applied Dimensional Metrology	GD&T - Tolerancing Optimization & Analysis	Measurement Uncertainty	
	8	28						
		24		56				
								104
	8 Hours	16 Hours	16 Hours	16 Hours	16 Hours	16 Hours	16 Hours	16 Hours

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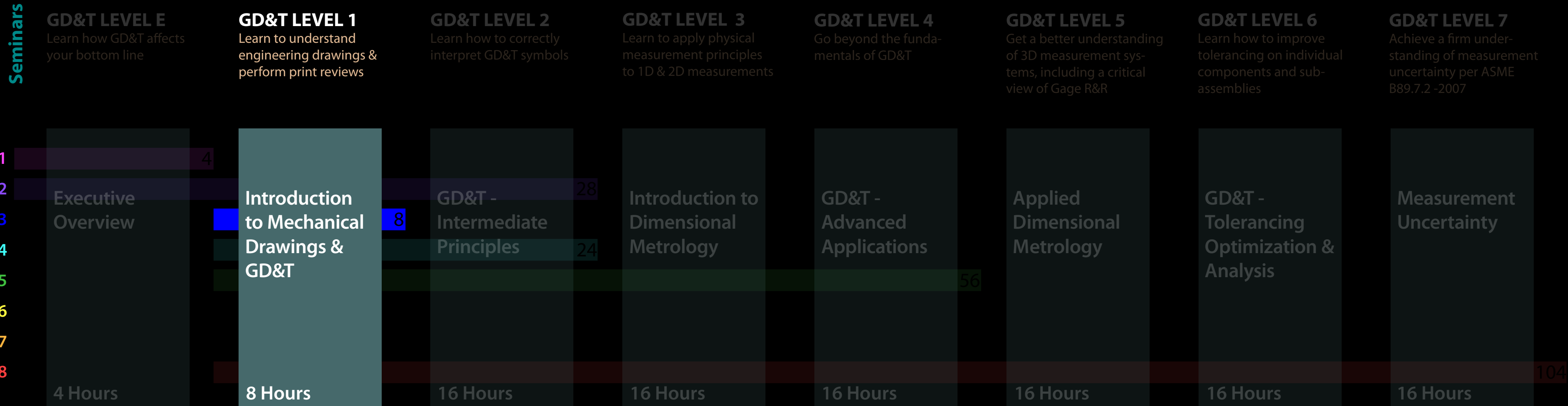


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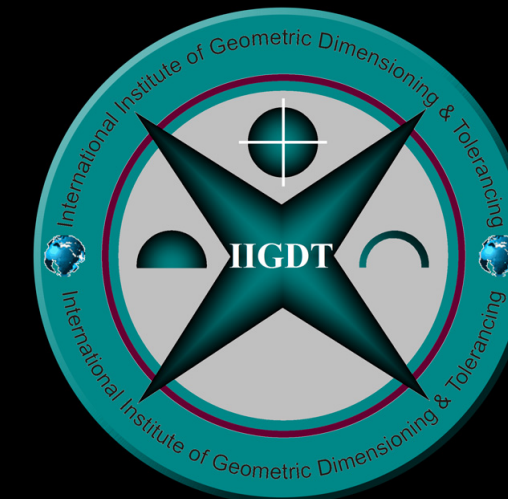
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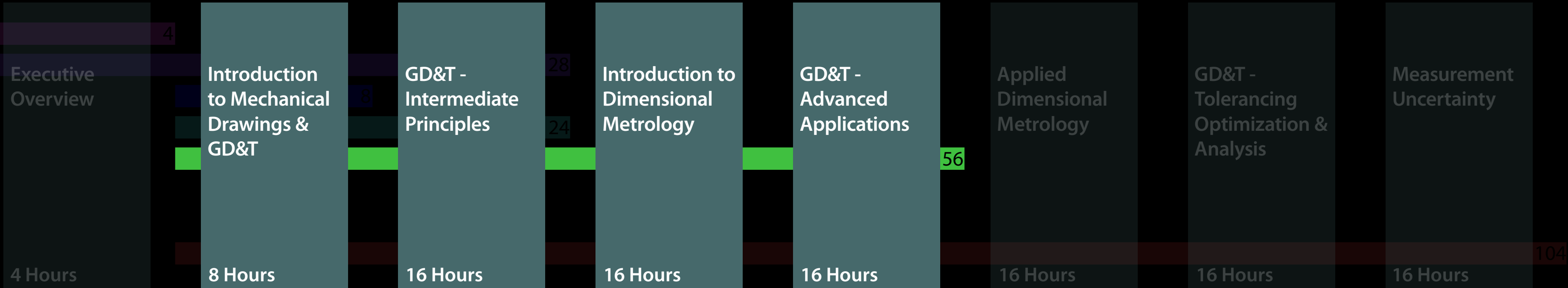
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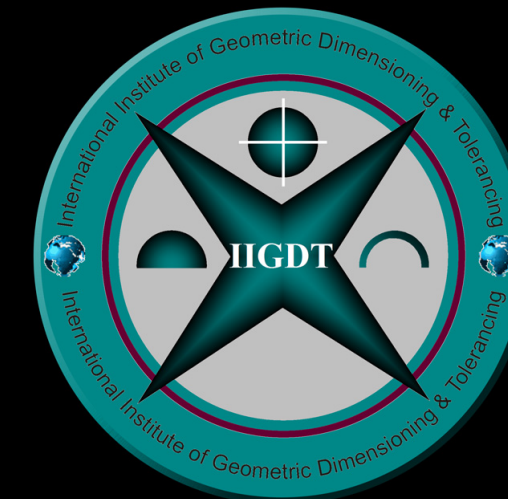
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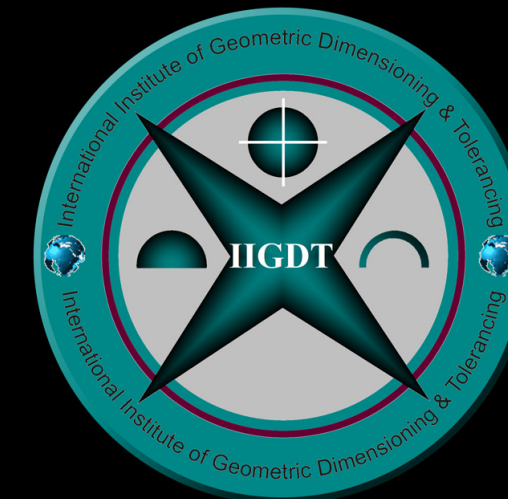
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