

# Eight tracks to GD&T expertise

## Overview

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

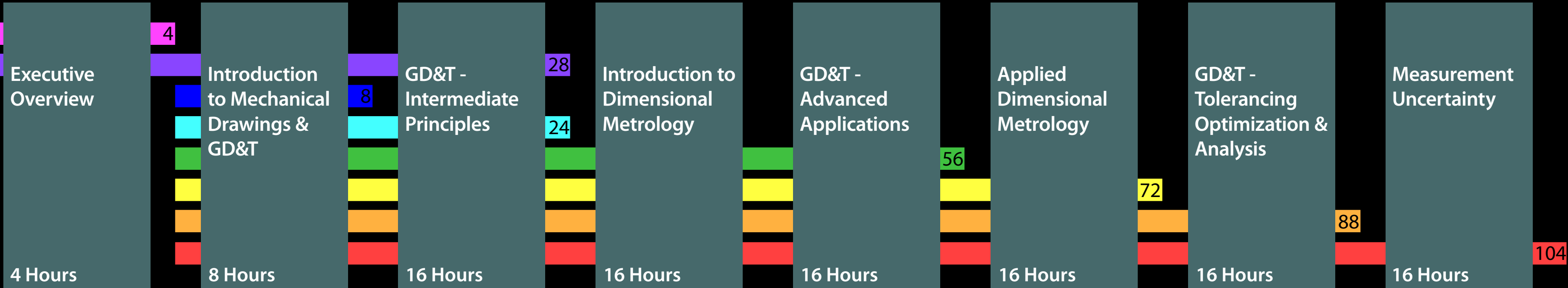
Fundamentals 4

Applications 5

Systems 6

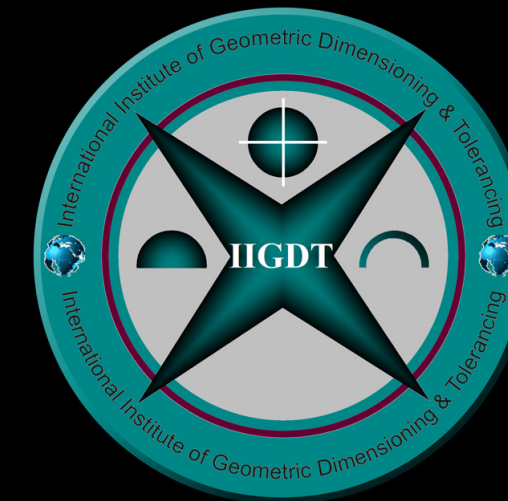
Analysis 7

Command 8



## Job Path / Responsibility

- 1 Directors, VPs, GMs
- 2 Managers
- 3 Mechanical assemblers, supplier technicians, non-mechanical receiving inspectors
- 4 Machine operators, mechanical account reps, non-mechanical supplier/quality/regulatory/sales engineers
- 5 Sales engineers, supplier/process/measurement technicians, drafters & CAD operators, machinists, toolmakers, inspectors
- 6 Estimators, receiving inspectors, senior quality technicians
- 7 Product/tooling mechanical designers
- 8 Engineers, statisticians

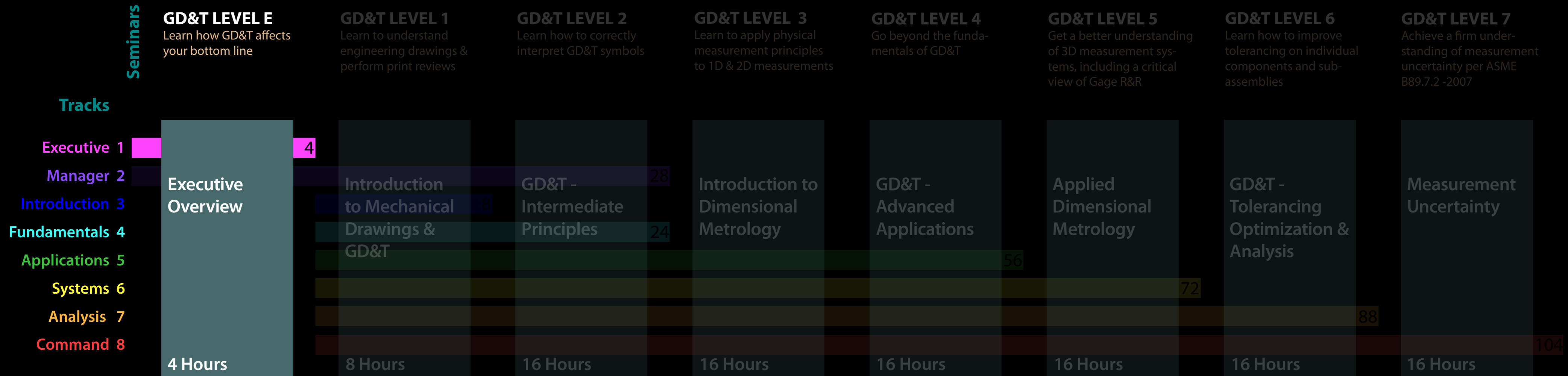


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Executive Overview

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

4 Hours

8 Hours

16 Hours

16 Hours

16 Hours

16 Hours

16 Hours

16 Hours

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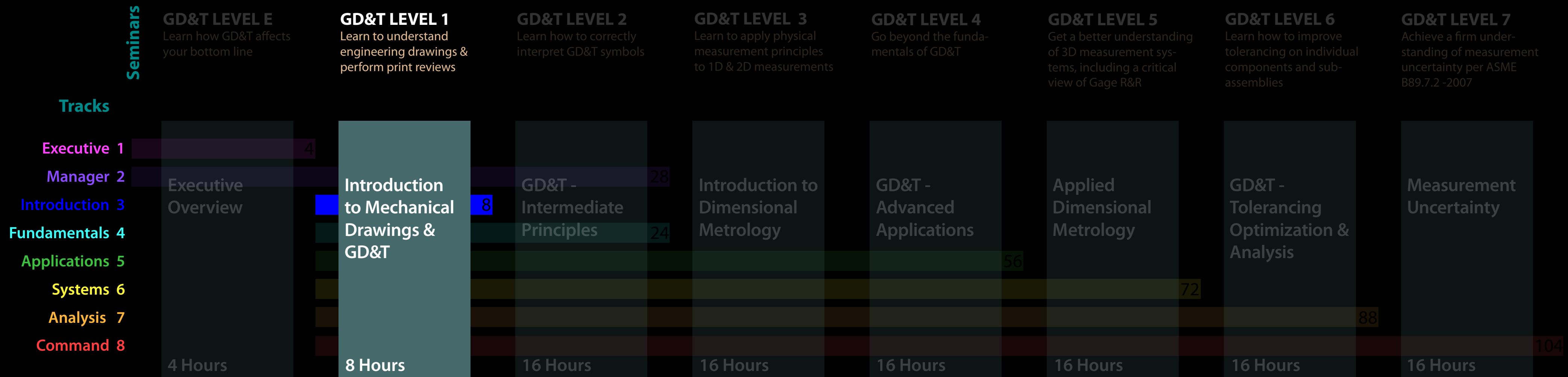


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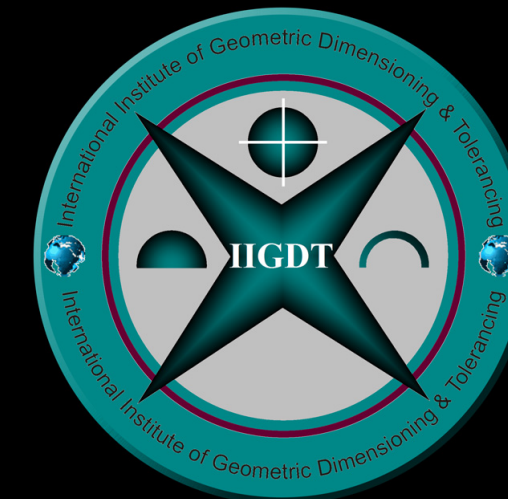
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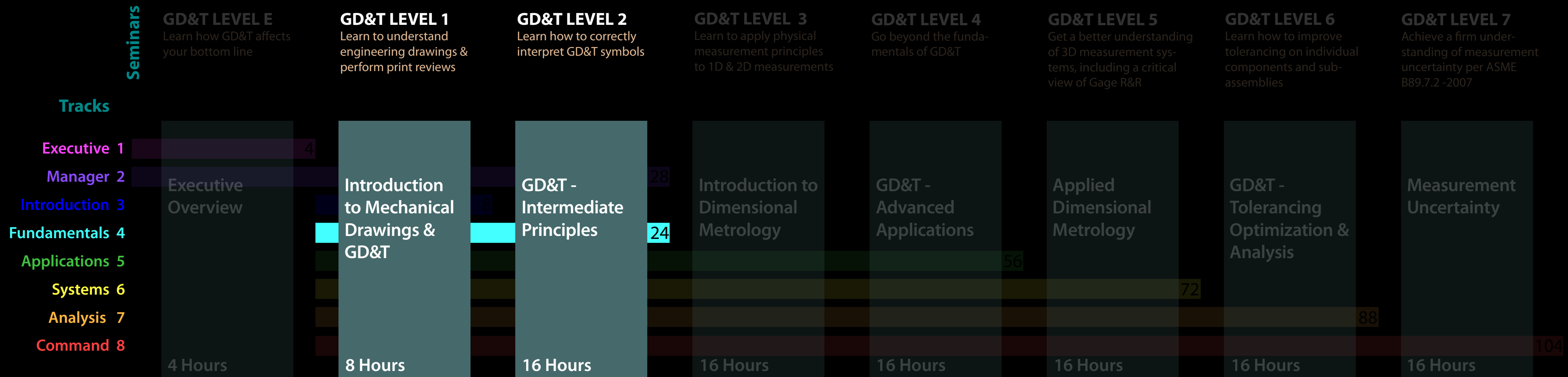


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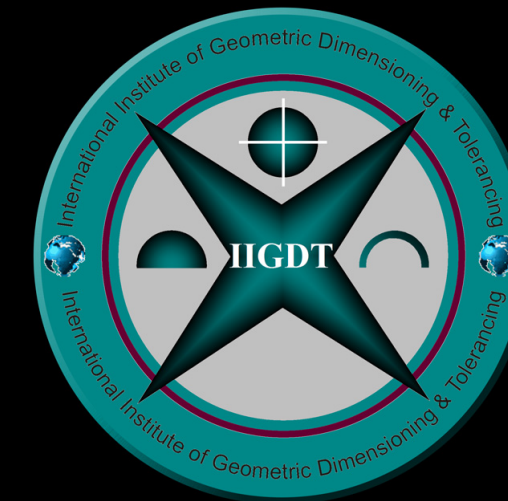
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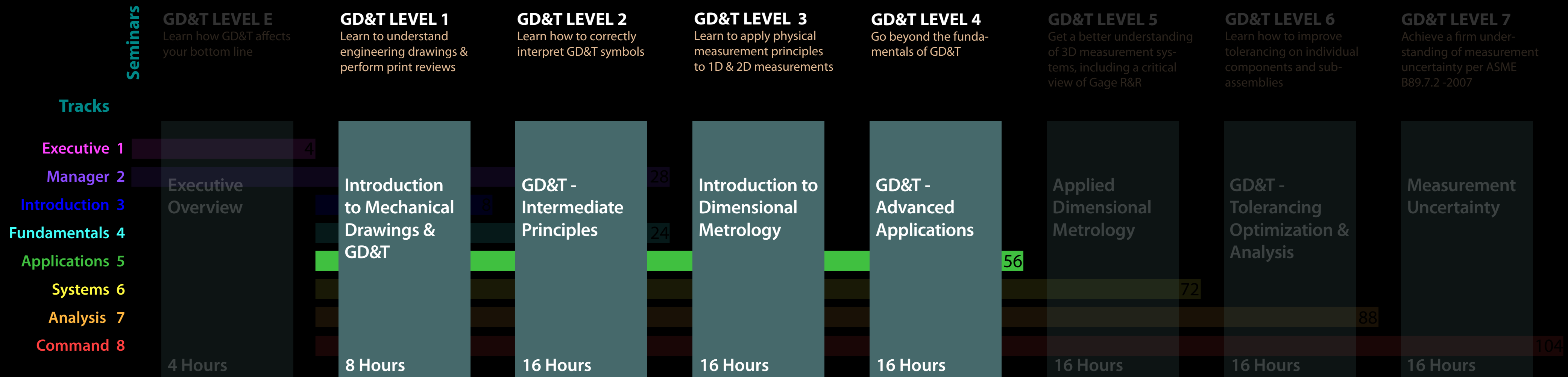


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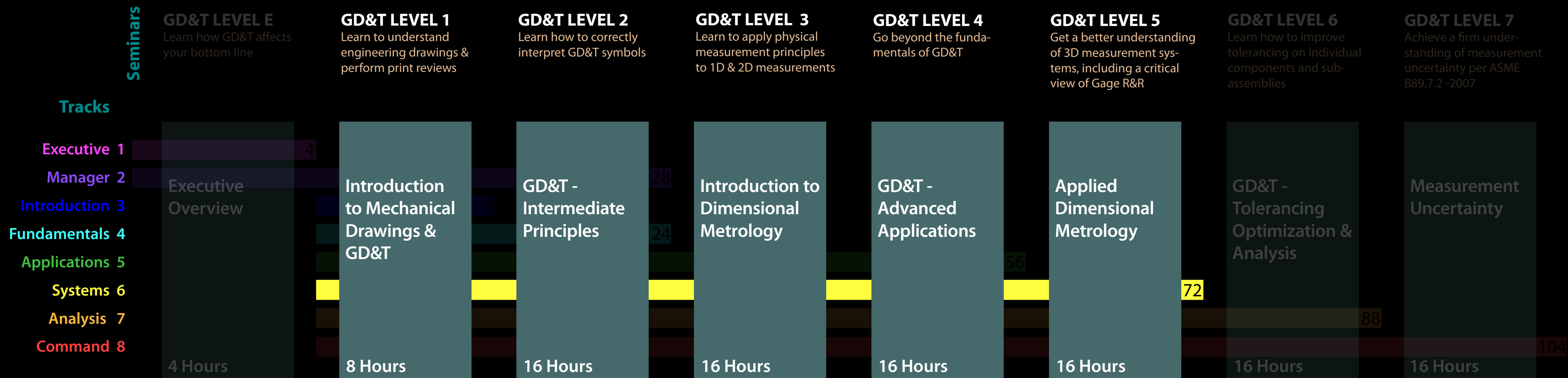


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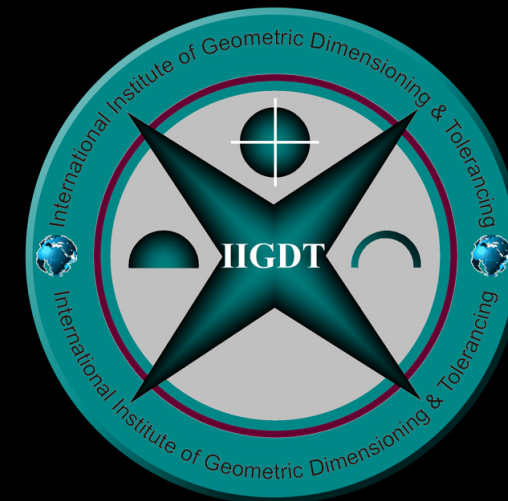
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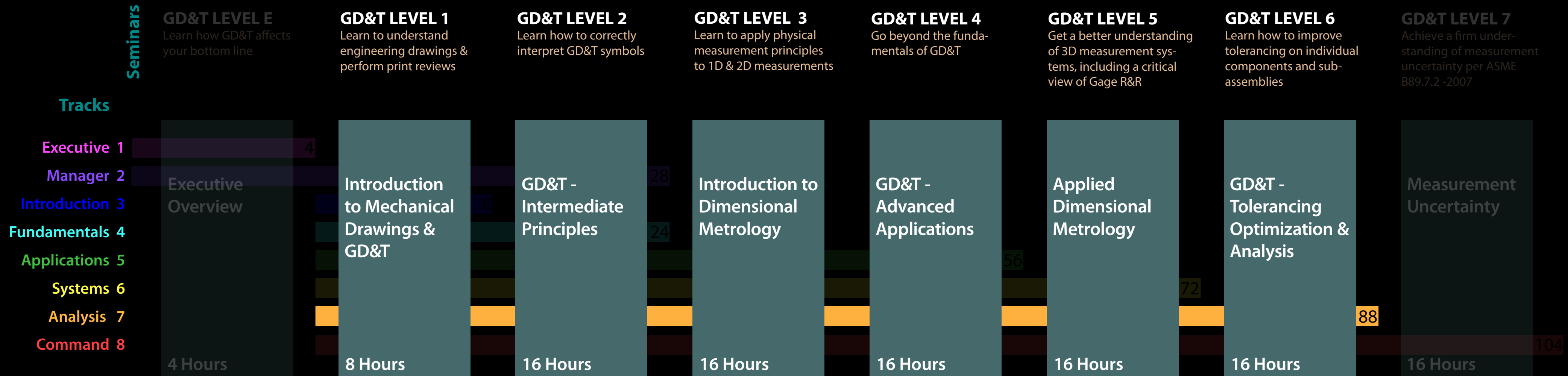


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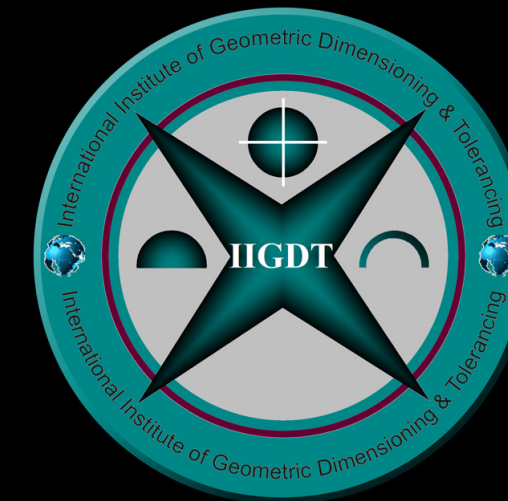
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