

DiversityRx

SYLLABUS

DAY 1

- Introduction to Diversity, Equity, and Inclusion
 - Definition and concepts
 - DEI components: Diversity, Equity, Inclusion
 - Meet & Greet

DAY 2

- Foundations of Lean Six Sigma
 - Overview of Lean Six Sigma
 - Overview PDSA
 - Overview DMAIC

DAY 3

- Define phase: Identify DEI goals, objectives, and stakeholder engagement
 - Project Charter
 - Voice of the Customer
 - Balanced Scorecard
 - SIPOC Diagram
 - Process Mapping
 - Value

DAY 4

- Value-added flow charts
- Spaghetti Charts
- Takt time
- Value stream mapping
- Stakeholder Analysis
- Service blueprint

DAY 5

- Measure phase: Data collection and baseline metrics for DEI
 - Data collection techniques
 - Who to connect with in the hospital
 - Basic Statistics
 - Pareto
 - Histogram
 - Bar Chart

DAY 6	<ul style="list-style-type: none">◦ Variation◦ SPC◦ Measurements of central tendency◦ Gage R&R◦ Throughput yield◦ Rolled Throughput yield
DAY 7	<ul style="list-style-type: none">• Analyze phase: Identify opportunities for improvement and root causes<ul style="list-style-type: none">◦ Root cause analysis◦ Fishbone/Ishikawa diagrams◦ 5 Whys
DAY 8	<ul style="list-style-type: none">◦ Scatterplot◦ Correlation & regression analysis◦ Causation vs correlations◦ Types of errors◦ Hypothesis testing
DAY 9	<ul style="list-style-type: none">• Improve phase: Develop and test DEI improvement strategies<ul style="list-style-type: none">◦ Brainstorming◦ Solution prioritization◦ Design of experiments◦ RACI◦ QFD/Pugh Matrix
DAY 10	<ul style="list-style-type: none">◦ FMEA◦ Poka-Yoke◦ Kaizen◦ A3
DAY 11	<ul style="list-style-type: none">• Control phase: Monitor, evaluate, and sustain DEI improvements<ul style="list-style-type: none">◦ Statistical process control◦ Control plan◦ Standard operating procedures◦ Recap of DMAIC methodology◦ Kanban◦ 5S methodology
DAY 12	<ul style="list-style-type: none">• Strategies for Fostering an Inclusive Culture<ul style="list-style-type: none">◦ Equity-minded leadership◦ Effective communication and collaboration◦ DEI training and education◦ Institutional support and resources