# CLP CERTIFIED LEAN PRACTITIONER

**Introduction**

**Need for Continuous Improvement**

→ Complexity

→ Pressure

→ Universal problems

**General Information**

→ Lean

• History

• Overview

• Waste

• Value

**Formula for Success**

→ Management Roles

→ Management Responsibilities

**Organization**

→ Steering committee

→ Champions

→ White/Yellow Belts

→ Practitioner

→ Black Belts

→ Master Black Belts

→ Master Black Belt Trainer

**QFD**

→ Definition

→ Application

→ Uses

→ History

→ Kano Model

→ Dimensions of Quality

→ House of Quality

• Approaches

– Four phase

 – Matrix of Matrices

– Lean in Depth

→ Definitions

→ Lean Concepts

→ Lean Observables

→ Lean Characteristics

→ Kaizen

→ Pull System

→ Kaizen

→ Line Balance/Level Scheduling

## Components of Lean

→ Flow

→ Pull

→ Workplace Organization

→ Visual Controls

→ Standard Work

→ TPM

→ Gemba

## Implementation

→ Project teams

→ Kaizen

## Project Steps

## Process Maps

→ SIPOC

→ Flowcharts

→ Process Maps

→ Analysis

→ Swim Lane Charts

→ Spaghetti Diagrams