



DDP Course Content

Module 1: Planning in the Modern World

- The MRP Revolution
- Evidence of a Problem
- The New Normal

Module 2: The Importance of Flow

- Plossl's First Law
- Demonstrate Flow's importance in industry
- Plossl's Law Caveat
- The Bullwhip Effect

Module 3: Unlocking a Solution - Decoupling

Module 4: Becoming Demand Driven

- "MRP versus Lean" Conflict
- What "Demand Driven" really means
- Demand Driven Operating Model
- Demand Driven MRP

Module 5: Strategic Inventory Positioning

- Six Positioning Factor
- Decoupled Lead time
- Matrix Bill of Material

Module 6: Distribution Network Positioning

- Unique Distribution Positioning Factors
- Compare and contrast demand driven to push and promote
- Positioning across a supply chain

Module 7: Buffer Profiles and Levels

- Inventory – Asset or Liability
- Buffer Profiles
- Buffer Zones
- Calculating Buffer Levels

Module 8: Dynamic Buffer Adjustments

- Recalculated Adjustments
- Planned Adjustments
- Manual Adjustments
- Factors for Planning Adjustment Factors

Module 9: Demand Driven Planning

- Part Planning Designations
- DDMRP Planning Process
- Supply Order Generation for Stocked Items
- DDDRP Supply Order Generation Considerations
- Supply Generation for Non-Stocked Items
- Decoupled Explosion
- Prioritized Share

Module 10: Highly Visible and Collaborative Execution

- Challenging Priority by Due Date
- Buffer Status Alerts
- Synchronization Alerts
- Execution Collaboration

Module 11: DDMRP and the Operational Environment

- DDMRP Strategic Buffer Criteria
- DDMRP and Safety Stock
- DDMRP and Order Point
- DDMRP and Scheduling
- DDMRP and WIP Priority Management
- Compare/contrast MRP, Lean and DDMRP

Module 12: Demand Driven Sales and Operations Planning

- DDS&OP
- Analytics for Master Settings changes and model improvement
- DDS&OP protection for critical strategic impacts

Module 13: Program Summary

- Program Summary
- Expected Benefits of DDMRP
- Get Started with DDMRP



The DDP Program is THE official preparatory course for the Demand Driven Planner Professional (DDPP)[™] certification test.



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