

DDP - Demand Driven Planner Prep Class - Mississauga ON, 21-22 Sept 2017



Instructor: Roberta McPhail

- Class will be cancelled if min enrollment not met.
- Two day class(16 contact hours) Class limited to 16
- Students have the option to take the ISCEA CDDP certification or the new DDI DDPP certification. Extra cost for each. Contact the instructor for any questions as there has been some changes.
- Lunch coffee and refreshments included
- Class qualifies for 16 APICS certification main points (note: thou not an apics class)

About:

DDMRP is a formal planning and execution method designed to correct the inadequacies and inappropriate rules of conventional Material Requirements Planning (MRP) given today's more volatile, complex and service oriented supply and manufacturing scenarios. The method was first fully articulated in the latest edition of *Orlicky's Material Requirements Planning*(McGraw-Hill, 2011) co-authored by Carol Ptak and Chad Smith. Chad Smith serves as the CDDP Program Director.

Check out this introductory [Video](#)

Course Preparaton

Student prep:

Please review the prep information at the bottom of the page

at <http://www.demanddriveninstitute.com/demand-driven-planner-ddp>

Optionally: Program attendees should review [Demand Driven MRP](#) (Ptak and Smith, Industrial Press 2016) and should also review Chapters 1-4, 11 and Appendix A of [Demand Driven Performance – Using Smart Metrics](#) (Smith and Smith, McGraw-Hill, 2013)

Course Outline

CDDP Program Content

Module 1: MRP in the Modern World – the materials challenge in the 21st Century

- Key questions for planning and flexibility
- Dealing with Variability
- Materials or Capacity - Where to Focus First
- Continued Relevancy of MRP formal planning
- The Challenge of MRP in Today's Environment
- MRP and Pull-Based Methods (e.g. Lean, DBR)
- The Stagnation of MRP
- The MRP Conflict

Module 2: Demand Driven Material Requirements Planning Introduction

- What does “Demand Driven” mean?
- Blending Independence and Dependence
- Part Types in DDMRP
- Planning and Execution
- The Five Primary Components of Demand Driven MRP
- DDMRP Comparison to Past Practices

Module 3: Strategic Inventory Positioning

- The Positioning Factors
- ASR Lead Time
- ASR Lead Time and Matrix BOMs

Module 4: Distribution Network Positioning

- Distribution network factors
- Cumulative variability
- Demand driven versus push and promote
- Network Configurations and Options

Module 5: Buffer Profile and Level Determination

- Inventory – Asset or Liability
- Buffer Profiles
- Buffer Zones
- Calculating Buffer Levels
- Continuous Improvement and Buffers

- Buffer Level Summary

Module 6: Dynamic Buffers

- Recalculated Adjustments
- Planned Adjustments
- Manual Adjustments

Module 7: Demand Driven Planning – Stocked Parts

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

Module 8: Highly Visible and Collaborative Execution

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

Module 9: DDMRP and Master Scheduling

- DDMRP Impacts to a Master Production Schedule
- DDMRP and Capacity Scheduling Implications
- DDMRP and Sales and Operations Planning
- DDMRP impacts to ERP

Module 10: DDMRP Performance Reporting and Analytics

- DDMRP Performance Reporting
- Analytics

When

September 21st - 22nd 2017

From 8:30 am to 5:00pm

Sept 21-22 2017, 830am to 5pm

COST: \$995 – \$1,095

Register in the following: <https://www.eventbrite.ca/e/ddp-demand-driven-planner-prep-class-mississauga-on-21-22-sept-2017-tickets-25827325225>

*****Registration deadline*****
Wednesday May 31st, 2017

Where

SYSPRO Canada
5995 Avebury Road, Suite 902, Mississauga, Ontario, Canada, L5R 3P9
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To register for this event visit our website at
<http://www.apicspeel.ca/>