

**2 day "Certified Demand Driven Planner" (CDDP) course &
programme**

**10/11 May 2016, Henley-on-Thames, UK
8/9 November 2016, Henley-on-Thames, UK
(£975 per participant)**

The Certified Demand Driven Planner Program (see below for details) was created by a global partnership between the ISCEA and the Demand Driven Institute (DDI) with the specific purpose to educate Supply Chain & Operations Management personnel on the methods and applications of Demand Driven Material Requirements Planning (DDMRP). The CDDP is internationally accredited by the IISB.

Upon successful completion of the exam (which is included in the course fee and is conducted on-line in the participant's own time), the participants receive the CDDP certificate and may place "CDDP" in their professional title.

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1/2 day workshop "Deploying DDMRP in your company"

**12 May 2016 - 08.30 to 12.00, Henley-on-Thames, UK
10 November 2016 - 08.30 to 12.00, Henley-on-Thames, UK**

During this workshop, moderated by SmartChain, the participants will learn and discuss the key enablers and barriers to successful implementation of DDMRP. Topics include: stakeholder management; change management; business case development; pilot selection; deployment approach; demonstration of a DDMRP compliant software (Orchestr8); use of simple simulation tools.

Note: this 1/2 day workshop is not part of the CDDP curriculum and costs an additional £300

For registration to both events please go to: <http://www.smartchainllp.com/CDDP-course-programme.html> or email to patrick@smartchainllp.com

CDDP Program

Workshop Topics (2 Days):

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 and Matrix BOMs

Module 4: Distribution Network Positioning

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

Module 5: Buffer Profile and Level Determination

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

Module 6: Dynamic Buffers

- Recalculated Adjustments
- Planned Adjustments
- Manual Adjustments
- Replenishment Buffers versus Safety Stock

Module 7: Demand Driven Planning – Stocked Parts

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

Module 8: Demand Driven Planning – Non-Stocked Parts

- Part Planning Designations
- Supply Generation for Non-Stocked Items
- DDMRP in Pure Make/Engineer to Order

Module 9: Highly Visible and Collaborative Execution

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

Module 10: DDMRP Performance Reporting and Analytics

- DDMRP Performance Reporting
- Analytics
- DDMRP Solution Summary