



**Demand Driven Institute (DDI)**  
**Demand Driven Planner (DDP) Program**  
**Self-Study with Tutoring Option**

At Demand Driven Africa ([DDA](#)), as an Affiliate of the Demand Driven Institute ([DDI](#)), we have now been allocated an DDA Affiliate Page on the DDI website. We now have the opportunity to offer clients, on a self-study basis with tutoring, access to the latest on-line recorded Demand Driven Planner ([DDP](#)) course presented by Carol Ptak and/or Chad Smith, the partners at the DDI.

This means that learners will have on-demand access to study the DDP program at their leisure, as well as access to a .pdf copy of the program material. In addition, they will have a practice exam and a video of Chad Smith answering the practice exam questions. To ensure a full understanding of the material, we at DDA will also offer *Ad Hoc* tutoring service to answer any questions or queries the learner might have on the course material.

This course is virtually a must for those using the IntuiFlow software, so they gain an in-depth knowledge and understanding of the Demand Driven MRP Methodology, which is the basis, and foundation, of the IntuiFlow suite of software.

The cost for this DDP self-study course with tutoring will be US\$500 excl VAT. Those learners wanting to write the Demand Driven Planner Professional ([DDPP](#)) certification exam will need to pay a further US\$250 excl VAT, where they will receive a free rewrite if they don't pass the exam first time.

The following pages give some details of the program content and information of the certification exam.

If you would like more information, or would like to enrol for this option, please contact Ken Titmuss at [kstitmuss@mweb.co.za](mailto:kstitmuss@mweb.co.za) or +27 83 700 4354.

**Demand  
Planner**



**Driven  
(DDP)**

## **Program Content**

### **Module 1: Planning in the Modern World**

- Part 1: The Precisely Wrong Problem
- Part 2: The VUCA World

### **Module 2: The Importance of Flow**

- Part 1: It's All About Flow
- Part 2: Flow as a Common Objective
- Part 3: An Important Caveat

### **Module 3: The Power of Decoupling**

- **Part 1: A Core Problem**
- **Part 2: Introducing Decoupling**
- **Part 3: Decoupling the Bullwhip**

### **Module 4: Introducing DDMRP**

### **Module 5: Strategic Inventory Positioning**

- Part 1: Determining Strategic Decoupling Points
- Part 2: Decoupled Lead Time
- Part 3: Decoupled Lead Time and the Matrix BOM

### **Module 6: Distribution Network Positioning**

- Part 1: The Push and Promote Problem
- Part 2: Hub and Spoke Positioning

### **Module 7: Buffer Profiles and Levels**

- Part 1: Introducing Decoupling Point Buffers
- Part 2: Buffer Profiles & Individual Part Properties
- Part 3: Calculating Buffers

### **Module 8: Dynamic Buffer Adjustments**

- Part 1: Recalculated Adjustments
- Part 2: Planned Adjustments

### **Module 9: Demand Driven Planning**

- Part 1: The Net Flow Equation
- Part 2: Average On-Hand Range and Target
- Part 3: DDMRP Supply Order Generation Simulation
- Part 4: Decoupled Explosion
- Part 5: Hybrid Fast Mover Supply Order Generation
- Part 6: Prioritized Share

### **Module 10: Visible and Collaborative Execution**

- Part 1: Buffer Status Alerts
- Part 2: Synchronization Alerts

### **Module 11: Tactical Planning & Operational Scheduling With DDMRP**

- Part 1: Relevant Ranges



- Part 2: DDMRP & Tactical Capability Planning
- Part 3: DDMRP & Operational Scheduling
- Part 4: DDMRP & the Basic Scheduling Assumptions

### **Module 12: Adapting the DDMRP Model (DDS&OP)**

- Part 1: An Introduction to Demand Driven S&OP
- Part 2: DDMRP Tactical Review
- Part 3: DDMRP Tactical Projections
- Part 4: DDMRP Model Reconfiguration
- Part 5: DDMRP Tactical Exploitation
- Part 6: DDMRP Strategic Recommendation
- Part 7: DDMRP Strategic Projection

### **Module 13: Program Summary**

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# **Demand Driven Planner Professional Certification**

## **Exam information & Content**

The DDPP™ test is built on the more advanced stages of [Bloom's Taxonomy](#) - Apply, Analyze and Evaluate. The test taker is given 180 minutes (3 hours) to answer 50 questions multiple choice questions selected from the item bank related to specific given scenarios and the below categories.

The DDPP Test has six categories. Each category has a number of subcategories that questions will be assigned to:

- 1. DDMRP Positioning**
  - Positioning Factors
  - Decoupled Lead Time
  - Advanced Positioning
- 2. Buffer Profiles and Levels**
  - Buffer Profile and Part Inputs
  - Buffer Calculation
  - Buffer Projections
- 3. Dynamic Adjustments**
  - Recalculated Adjustments
  - Planned Adjustments
  - Other Adjustments
- 4. Demand Driven Planning**
  - Net Flow Equation
  - Decoupled Explosion
  - Prioritized Share
- 5. Demand Driven Execution**
  - Buffer Status Alerts
  - Synchronization Alerts
- 6. DDMRP Analytics**
  - Buffer Variance Analysis
  - DDS&OP Projection

