



# Maintenance Parts Excellence Course

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AN INTENSIVE 3-DAY COURSE OFFERED IN PARTNERSHIP  
WITH ASSET ACUMEN CONSULTING INC.

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**June 11-13, 2024: Houston**  
**October 8-10, 2024: Toronto**

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"Great insight on how to address the full community of stakeholders needed to support successful Parts Management"

"Instructors explained real world application"

"Very Knowledgeable instructors and the interaction with other professionals taking the course was invaluable"

"Don Barry provided practical insight for the areas of excellence."



"Handouts were very valuable to apply even after the training was complete"

"This Maintenance Parts Excellence Program is highly recommended"

"KPI approach detailed and practical when being applied to a specific parts"

"Great knowledge base of the instructors with real life applications of the theory."



The  
**#1**

Deep-dive course on  
Maintenance Parts  
Excellence

Course has been held  
publically and privately in:

- Canada
- United States
- United Kingdom
- Peru
- Caribbean

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## About the Program and How to Register

Proven Leading Practices in Maintenance Parts Management

Who Should Attend

The Extraordinary Value of This Program

Program Dates, Location, Tuition Fees and How to Register

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## Overview: Day 1

Instructor: Don Barry

Maintenance Parts Sponsored Alignment and Managing Scope

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## Overview: Day 2

Instructor: Don Barry

Deep-Dive into Inventory Optimization

Optimal Spares Stocking for Asset Life-cycle

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## Overview: Day 3

Instructors: Don Barry

Putting the 5-Days of Parts Management Excellence into Practice

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## How You Will Learn

## Who Should Attend



## About the Program

### Proven Leading Practices for Maintenance Parts Management

Why do you stock parts? Who is responsible when parts are not available when needed? How do we get high-maintenance parts service levels at an optimal cost? What is the value of stocking parts versus keeping the business at target production? Why are some organizations good at managing parts, and others continue to struggle? What should we focus on first to fix our maintenance Parts Business? How do we achieve Maintenance Parts Management Excellence? How can you learn these skills?

An excellent way to gain these skills is to attend this intensive 3-day program. You'll join a group of like-minded professionals who are guaranteed to come away with the needed skills and insights to upgrade their Maintenance Parts Management operation.

### Who Should Attend

Our 2024 Maintenance Management offering is available for stakeholders that may have influence or depend on their parts being available when needed. Various industrial and government organizations have attended this program. A version of this program has been used directly in organizational training, particularly when leading practices are being discerned so that business change can be facilitated. Attendees, who have included maintenance parts management and personnel, inventory planners, design engineers, maintenance management, operations management, and financial personnel responsible for the cost of the business, have all found this course valuable. If your responsibilities include supporting maintenance and the parts operation in your organization, we urge you to look closely at this exceptional learning opportunity.

### Extraordinary Value of this Program

Go2Learn offers the 3-Day Maintenance Parts Excellence Course with instructor's experience in delivering related training with the University of Toronto, designated the #1 Engineering school in Canada.

The program is taught by a world-class instructor who brings a wealth of experience to the classroom:

- A mastery of the subject matter; ability to relate theory & practice
- Real-world experience with corporations and organizations
- Ability to deliver material in an interesting and clear manner
- Understanding of what should be a priority to those looking to understand maintenance parts management excellence

The program combines fundamental need-to-know material, tried-and-true methodologies and processes, and proven leading-edge approaches that have shown measurable business benefits.

Participants receive three days of instruction over five consecutive weekdays, including a wide range of case studies demonstrating how these principles have been successfully and widely applied. You will have complete binder notes on the program material, valuable hard-cover books, and an unparalleled learning experience.

### Program Dates, Location, Tuition Fee and Registration

#### Program Dates

The three full-day sessions will be held:

Tues - Thurs, June 11-13

Tues - Thurs, October 8-10

#### Location

The 3 day course will be held in:

- **Houston - June 11-13, 2024**

- **Toronto - Oct 8-10, 2024**

#### Tuition Fee

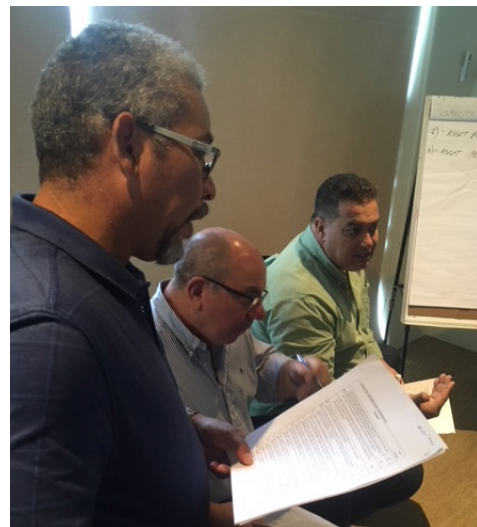
1 Student: **\$2,495** (approx \$3,400 CAD)

2-3 Students: **\$2,250** (\$3,000 CAD)

4+ Students: **\$2,025** (\$2,700 CAD)

#### How to Register

For more information or to register for the 2024 Maintenance Parts Excellence Course, call 917 554-3444 or visit: [www.go-2-learn.com/MPE](http://www.go-2-learn.com/MPE)





### Instructor: Don Barry



Donald Barry is Principal Consultant with Asset Acumen Consulting with over 40 years experience in asset management, maintenance parts management and related strategies and systems, as well as experience in predictive analytics, and Internet of Things.

Don managed all aspects of IBM Canada's maintenance parts operation for more than 8 years and has assisted multiple consulting clients in their parts management strategy development and execution. He is experienced at creating maintenance and distribution process improvements and developing inventory reduction strategies with increased service levels. Don's in-depth experience includes world-class inventory optimization and reutilization techniques.

His consulting clients have included leading companies in computer technologies, field service operations, airlines, railway, manufacturing, mining, oil and gas, CPG, power generation transmission and distribution utilities.

Don is a Reliability Centered Maintenance (RCM2/3) practitioner and the recipient of the Lifetime Achievement Award in Plant and Production Maintenance, awarded by Federated Press.

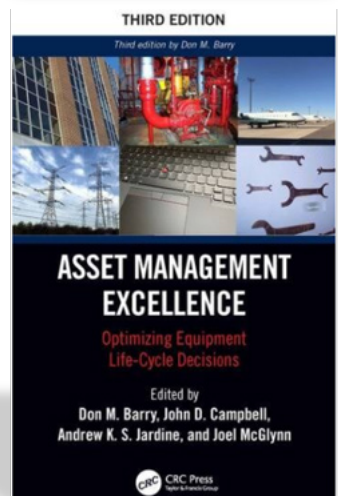
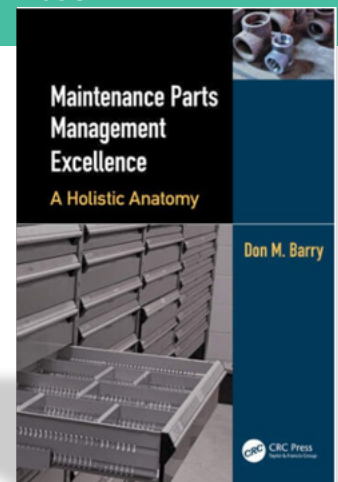
Donald Barry's three day presentation will examine principles such as leadership, maintenance parts delivery processes and elements of inventory optimization.

His session will cover:

- An introduction to the key elements that contribute to a successful maintenance parts management organization
- How to assess your organization's maintenance parts management maturity
- How to prioritize opportunities within your maintenance parts organization
- The key financial influences for maintenance parts management
- The role the enterprise 'community' must take to ensure a leading Maintenance Parts Management operation
- Some of the leading practices and related KPIs in maintenance parts management
- The value of properly supporting the maintenance organization and their planning and scheduling
- The value of Reliability-Centred Maintenance (RCM2-3) in support of asset life-cycle management and the supporting inventory spare parts policies
- System tools that support Maintenance Parts excellence
- Change considerations in leading Maintenance Parts initiatives
- Key initiatives to take back to your organization

Mr. Barry has also been an instructor of the Physical Asset Management program at the University of Toronto (since 2004). He has authored books, including:

- **Asset Management Excellence: Optimizing Equipment Life-Cycle Decisions**, Second Edition, in Book, CRC Press, Taylor and Francis Group, 2010, ISBN/ISSN: 9780849303005 (Prime contributor)
- **Maintenance Parts Management Excellence: A Holistic Anatomy**, in Book, CRC Press, Taylor and Francis Group -Released Feb 2023, D Barry, Author
- **Asset Management Excellence: Optimizing Equipment Life-Cycle Decisions**, Third Edition, in Book, CRC Press, Taylor and Francis Group, 2024, ISBN/ISSN: 978-1032679396 (Editor and prime contributor). (Released Feb 2024)



## Day 1

### Tuesday 9 - 5 PM

#### Sponsored Alignment & Scope

##### Maintenance Parts Management Pyramid of Excellence Overview

- Leadership, control, continuous improvement, quantum leaps, maintenance parts management strategy, managing change, warehouse logistics, procurement and parts repair, supporting systems and performance measures
- Why we stock parts
- Simple self-assessment for a parts operation
- Maintenance parts inventory management vs a manufacturing process management
- Organization and reporting considerations for maintenance parts management
- Which enterprise business areas contribute to the success of a leading maintenance parts operation
- Defining a net value /cost of a maintenance parts management process baseline

##### An Approach to Creating a Maintenance Parts Management Strategic Plan

- Defining current maturity level in maintenance parts management
- Identifying prioritized opportunities for improvements
- How to do a self-assessment of your own operation
- Example of KPIs for a world-class global parts operation

##### Key Performance Metrics for Maintenance Parts Management

- An approach to tailoring KPIs for multiple business dimension levels
- Examples of maintenance parts operational and inventory effectiveness KPIs
- Developing a balanced scorecard for a maintenance parts operation summary report

##### The Importance of Maintenance Parts in Effective Maintenance Execution

- Key stock room (warehouse) logistics elements
- Defining the process flow of an effective stock room
- Roles and tasks of a stock room coordinator and staff
- Exercise on the benefits of supporting planned maintenance with parts

- Stock room facility requirements and sizing exercise
- Safety and environmental considerations in maintenance parts warehousing
- Guidance on stock room security, inventory counts, and material handling tools and techniques
- Stockroom organizational considerations
- Sizing remote and mobile maintenance parts inventory requirements

## Day 2

### Wednesday

### 9:00 am - 5:00 pm

#### Inventory Policy Management Dynamics

##### Inventory Planning

- Fundamental responsibilities of an Inventory Planner
- Leading Parts Process Flow Management Systems attributes (Replenishment, Mobility)
- Case Study on how to prioritize maintenance parts needs in the journey towards leading practice
- Maintenance Parts stocking influences and approaches (including ABC stocking level management)
- Managing high and medium-demand maintenance parts inventories
- Defining and defending the inventory value and service levels in an enterprise
- Developing the elements of inventory policy
- Inventory replenishment fundamentals (MIN/MAX, EOQ)
- Introduction of an "Inventory Profile" summary report
- Managing inventory echelons in complex logistics networks
- Managing inventory surplus and scrap processes
- Process elements that contribute to inventory policy management

##### Asset Life-Cycle Integration

- Understanding the requirements and impact of successful initial spare parts list creation
- The role of the manufacturer in creating your initial spare parts list
- The role that risk and reliability insights influence the early asset and maintenance parts life-cycle
- Defining the spare parts policy ownership in an asset life-cycle
- Process elements that contribute to initial spare parts list creation
- Spare parts netting

##### Inventory Optimization

- An approach to optimizing inventory levels
- Strategic cost management of maintenance parts – what is realistically achieved?
- Inventory policy netting
- Data elements of a leading "Maintenance Parts Optimizer" solution

##### Procure and Repair

- Leading procurement scope for strategic commodity sourcing, supplier relationship management, and transaction execution
- Maturity matrix for a procurement operation
- Leading KPIs for a maintenance parts procurement support operation
- Example of an improvement plan for an existing maintenance procurement operation
- Dynamics of a rotatable & repairable parts operation
- Leading KPIs for a parts repair support operation
- Example of how used parts and repair costs can be treated in a parts repair operation



## Day 3

### Thursday 9 - 2 PM

#### Implementing Maintenance Parts Management

##### Technology and Maintenance Parts Management

- Review leading practice requirements in a maintenance parts management system
- Scope of a typical EAM solution managing maintenance parts
- Inventory management data elements and financial treatment considerations
- The role of business intelligence (BI), automated analysis, mobile technologies, RFID, blockchain in maintenance part management
- The evolution of maintenance parts systems requirements
- Financial tracking of inventory levels and transaction considerations
- Reviewing outsourcing technology options in maintenance parts inventory management
- The role and value of automated storage and retrieval systems (ASRS)

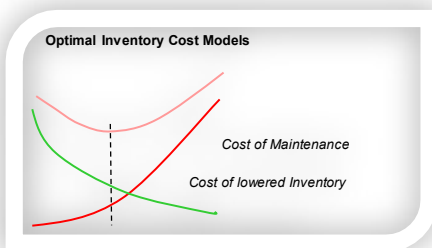
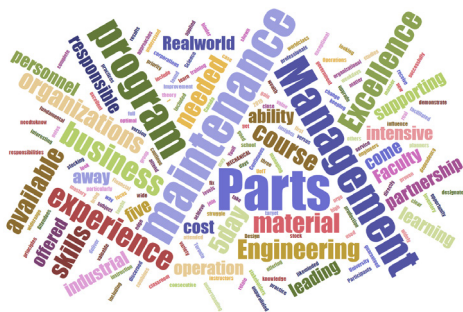
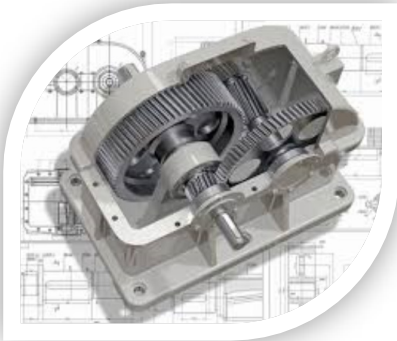
- Working through a case study exercise on a maintenance parts operation
- Making maintenance parts excellence work for your organization. Programs that will work for you Developing personal 'next steps' for each class participant.

#### Putting the 3-day Maintenance Parts Excellence Course into Practice

- A strategic approach to achieving maintenance parts excellence: getting the technology, process and people mix right
- Reviewing trends in maintenance parts management
- Reviewing a leading maintenance parts operation case study
- Working through a case study exercise on a maintenance parts operation
- Making maintenance parts excellence work for your organization Programs that will work for you Developing personal 'next steps' for each class participant.

##### Impact of Change Management in Asset Management Initiatives

- Challenges maintenance organizations face today
- The benefits of improving maintenance
- Why change management is important in parts and asset management initiatives
- Review of large Asset Management implementations with a change management focus
- Example of change management steps and plans
- Critical success factors of change management
- A strategic approach to achieving maintenance parts excellence: getting the technology, process, and people mix right
- Reviewing trends in maintenance parts management
- Reviewing a leading maintenance parts operation case study





# How You Will Learn

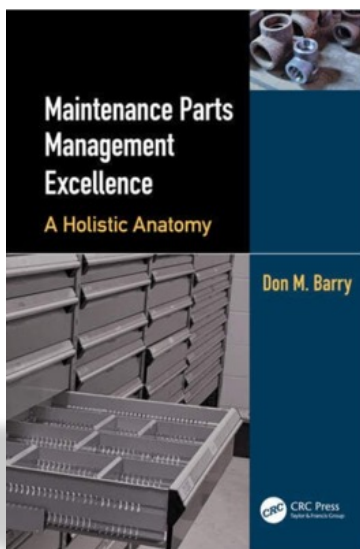
## Real World Experience

The Maintenance Parts Excellence course will feature a variety of instructional modes and interactivity. Dialogue is encouraged and individual objectives for the course are sought out relating to one's own challenges. These will be addressed (or responded to outside of classroom time).

Case studies drawn from actual industry experience will be used extensively, supplemented by individual and group problem-solving sessions.

Unique elements will enhance the learning experience. For example, Don Barry will facilitate a real maintenance parts case study on how related business stakeholders can contribute to the maintenance parts management success.

A highlight of Don Barry's session is the always-popular Planning and Scheduling game that will help participants understand the real value of maintenance planning and scheduling and the importance of good execution and the role maintenance parts plays in that execution.



## Deliverables

What you will receive in the three intensive, day-long classroom sessions are the centerpiece of your experience at the Maintenance Parts Management Excellence Program. However, much more is provided, creating an overall package that will engage you while you're here, and deliver long-lasting results that will pay off when applied within your organization.

- An intensive, 3-day classroom session is the centerpiece of your experience at the Maintenance Parts Excellence Management Program
- A softcopy (pdf) of the presented materials you can take back to your organization
- A Hard Copy of the supporting Text (Maintenance Parts Management Excellence: A Holistic Anatomy)
- A deeply experienced speaker who will talk about parts management, KPIs, warehouse management, inventory planning, inventory optimization, inventory asset life-cycle planning, effective inventory systems, establishing corporate excellence, and supporting operational excellence
- An evening event of socializing and dinner
- A program certificate from Go2Learn and the Instructors acknowledging your completion of the program



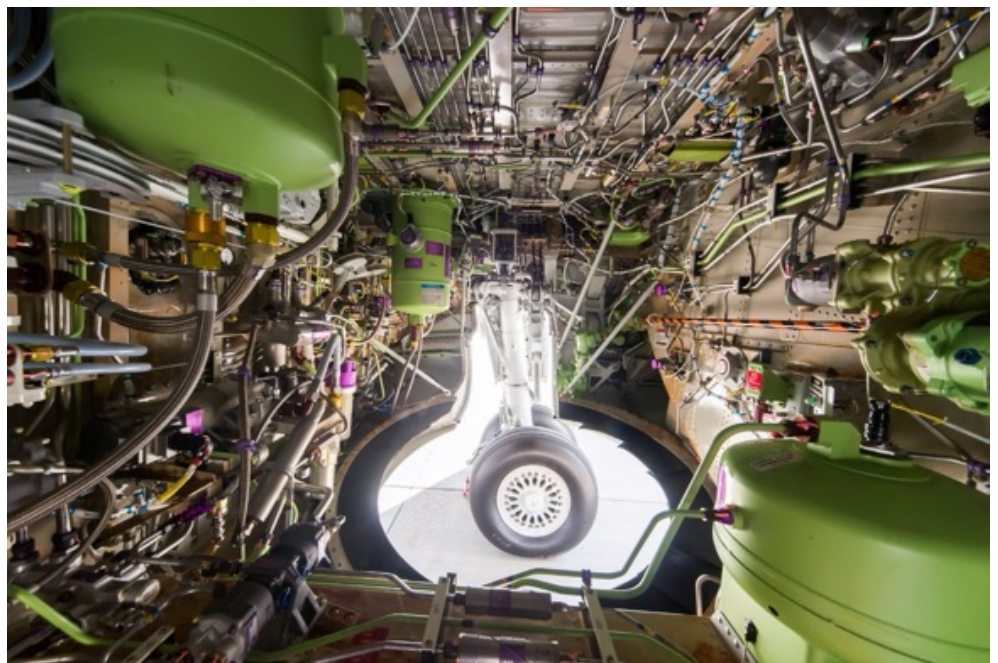


## Why and Who Should Attend?

Whether you're in engineering, operations, procurement, maintenance, or a maintenance parts professional, this course will unveil and make digestible the complexities and dynamics of managing a world-class parts operation.

If you represent facilities and plants from asset-intensive industries such as utilities (electric generation/T&D/retail/gas/water/waste), oil & gas, chemical, mining, pharmaceutical, aerospace & defense, food & beverage, public sector, or are responsible for operating a fleet or other manufacturing, this course will set the standard for maintenance parts excellence.

Join this world-class maintenance parts training program for 3-days of intense learning, and career-making insight. This course provides you with the methodology, process, and tools to be a leader in making significant progress and ROI in ensuring the right parts inventory in the right place at the right time.



Presented by:



Course details are subject to change.  
For the most up-to-date information, please  
see our website at:  
[go-2-learn.com/maintenance-parts-excellence/](https://go-2-learn.com/maintenance-parts-excellence/)

