

Best Practice Programme (UK)



Applying to join the programme

For more information on the
Best Practice Programme or to
apply for places on the
programme, contact:

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Vision

The industry-led
Automotive Academy
promotes world class
training for people at all
levels in UK vehicle
manufacturing and its
supply chain.

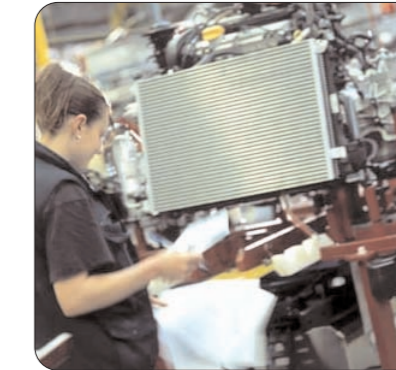
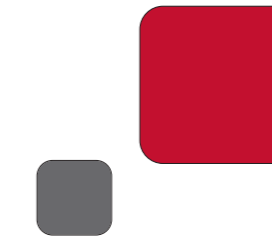
The Academy's validated
national curriculum will
have wide approval and
result in measurable
business improvement
stimulating a profitable and
continuously improving UK
automotive industry.





Programme Outline

	Monday	Tuesday	Wednesday	Thursday	Friday
Morning	Lean Manufacturing Workshop	The Digital Factory Workshop	Problem Solving Workshop	Purchasing in a Lean Age Workshop	Radio Frequency Identification (RFID) Company visit
Afternoon	Lean Manufacturing Company visit	Lean Implementation Company visit	Cost Engineering Workshop	Problem Solving Workshop	Lean Accounting Workshop
Evening	Dinner Speakers				



An opportunity to get “under the skin” of excellence

Who will benefit?

A fundamental shift in thinking about manufacturing has swept the industrialised world over the past decade. Instead of focusing on optimising the use of individual assets, managers are looking instead at optimising the process path of products through their plants. If the product flow through each value-creating step can be achieved with minimal interruptions then lead times and inventories will be cut and costly, wasted steps of human effort and production defects will be eliminated.

The Japanese have demonstrated that the process focused approach delivers striking results and many companies in the UK have actively embraced the Lean Manufacturing approach.

If the UK is to retain a viable manufacturing base, many more companies must similarly embrace and rigorously apply these concepts. However, to do so requires a detailed understanding of the principles of Lean Manufacturing within individual companies and throughout the supply chain. To this end the Automotive Academy is conducting a series of UK Best Practice Programmes.



Programme Outline

The Best Practice Programme (UK) will be a one-week series of visits to manufacturing companies and centres of learning during which time delegates will be exposed to leading-edge aspects of modern business management in the manufacturing industry. Topics to be covered during the week will be drawn from:

- Lean Manufacturing**
 Lead times and process losses can be significantly reduced by a more efficient product flow through the value adding process from dock-to-dock. Here delegates will be shown how to plot the value stream and how to smooth fluctuations in demand
- The Digital Factory**
 Product design and resource planning are benefiting from the advances in the world of Information Technology. Here delegates will be exposed to the latest generation of computer-aided manufacturing systems.
- Problem Solving**
 Much has been written about the advanced organisational and mathematical methodologies for dealing with major constraints within a business. However most people

are confronted with day-to-day “fires” and this session will address the professional way of dealing with routine abnormalities.

- Cost Engineering**
 When preparing an initial quotation for new business, companies must ensure they are constructing an accurate cost make up. This will include both the costs associated with purchased materials and in-house costs. Cost Engineering is an under-utilised business tool and delegates will be given a practical workshop on the benefits that can be obtained.

- ‘E’ Procurement Purchasing**
 This provides an approach to help develop an effective purchasing strategy. It is designed to demonstrate the application of the most effective buying processes resulting in maximum cost savings.

- Radio Frequency Identification (RFID)**
 Material identification, whether an individual part or the container of a quantity of parts, is becoming a critical feature in today’s Lean Manufacturing business. Mis-labeling is one of the main weaknesses in the logistics of supply and traceability. RFID is already well established in the food and retail sectors and has great potential for application within the automotive industry. The RFID Centre will guide delegates through the advances in this technology and its practical application.

- Lean Accounting**
 Measuring the benefit of improvement activities is often expressed in non-monetary units and within conventional accountancy rules the financial benefits may be misunderstood. This workshop demonstrates how lean practitioners and financial accountants have a common objective to improve the

profitability of the business even if their respective approaches are different.

What will it cost?

- The cost per delegate is £2,500 plus VAT

What is included?

- A 5-day programme comprising of themed workshops and company visits
- Transportation throughout the week
- 4 Nights dinner, bed and breakfast accommodation
- Special guests joining for dinner who are senior experienced members from industry prepared to share their experience with delegates
- Hosted by Automotive Academy and SMMT Industry Forum throughout

When can I go?

Only 10 places are available on each programme on a “first come first serve basis”.

There will be two programmes in 2005: 17th - 21st October
14th - 18th November

