

Master of Science/Postgraduate Award in Programme and Project Management
Developed and awarded by The University of Warwick, UK

MODULE OUTLINES

Business Strategy and Strategic Management

The primary purposes of this module are to build on the strategic planning and implementation elements of the MSc programme and to enable participants to understand how they can contribute to the development and/or implementation of

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Lean Principles and Applications

This module examines the principles, techniques, key tools of "Lean" and how they might apply in a variety of processes and sectors. The strategic importance of creating "lean enterprise" is explored as well as the challenges associated with achieving and sustaining this. The module also provides scope for participants to explore how they might appropriately apply Lean in their own organisations.

Legal Aspects of Global Business

In response to a changing competitive environment, the flexible employee is a valuable asset to the business. As a consequence, their skills, knowledge and decision making are widening. The module addresses the areas of law applicable to businesses operating in engineering and manufacturing, thus providing an awareness of the many aspects of the law that are relevant to the management task. This awareness is developed sufficiently to allow the appropriate initial action to be taken when an event occurs, calling on specialist legal support whenever necessary and to introduce methods of best practice to minimise problems of a legal nature.

Logistics and Operations Management

Effective logistics management is a critical factor in improving corporate profitability. The module introduces the concept of logistics and provides a comprehensive framework of tools to improve logistics and operations management performance.

Managing the Multi Project/Programme Environment

This module will build upon the knowledge of the essentials of project management established by the Project, Planning Management and Control module. In particular, the application of management tools and techniques in a single project will now be extended to give participants an ability in the larger, more complex scenario of multiple projects where the interactions and risks present a further dimension of challenges to success.

Organisations, People and Performance

This module introduces engineers and technical people to the 'people' aspects of an organisation. The emphasis is on increasing the participant's knowledge and understanding of strategic human resource issues that affect operations on a daily basis. Organisational, behavioural and management concepts will be explored with the objective of providing participants with a theoretical foundation sufficient to evaluate the Human Resource Strategies of their own organisation. Module delivery is interactive and draws upon the participant's organisational experience as much as possible.

Procurement and Inventory Management

This module puts emphasis on the design and management of processes and control systems of the inbound supply chain. The content that is covered in this module includes procurement processes and strategies, risk pooling, inventoryprocer(module)0Td003j/TT00.98f0.003c7d

Product Design and Development Management

Innovation and introduction of new products to the market is one of the fundamental processes in the industry. Design and development and introduction of new products is hence the key to renewal and regeneration of industry and the long term competitiveness and survival of manufacturing companies. This module concentrates on the management of the processes of product design, development, and introduction as an integrated whole from ideas and concept stage to customer, and in service.

Programme and Project Strategy

This module extends and enhances knowledge in the derivation, from corporate strategy, of business change programmes and their comprising projects, and then the chartering, structuring, and governance of