This program, jointly-designed by university and industry professionals, is to cater the needs in the manufacturing sector. The content of this program allows participants to improve upon their manufacturing and management experiences while helping to create new skills for the future. This programme comprised of management core, technological emphasis, and job-specific components customized to fit the needs in a manufacturing environment.

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<th>Modules</th>
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<tr>
<td>1. PRINCIPLES OF MANAGEMENT&lt;br&gt;- The Business Environment&lt;br&gt;- Nature of Management&lt;br&gt;- The Development of Management Thought&lt;br&gt;- Functions of Managers&lt;br&gt;- Decision Making&lt;br&gt;- Organization&lt;br&gt;- Control&lt;br&gt;- Leadership</td>
<td>4. SUPPLY CHAIN MANAGEMENT&lt;br&gt;- Understanding The Supply Chain&lt;br&gt;- Supply Chain Performance&lt;br&gt;- Supply Chain Drivers&lt;br&gt;- Transportation in a Supply Chain&lt;br&gt;- Sourcing in a Supply&lt;br&gt;- Information Technology in a Supply Chain&lt;br&gt;- Pricing in a Supply Chain&lt;br&gt;- Demand Forecasting in a Supply Chain&lt;br&gt;- Aggregate Planning in a Supply Chain&lt;br&gt;- Planning Supply and Demand in a Supply Chain</td>
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<td>2. INVENTORY AND WAREHOUSE MANAGEMENT&lt;br&gt;- The Role of Inventory Management in Supply Chain&lt;br&gt;- Independent and Dependent Demand&lt;br&gt;- Forecasting&lt;br&gt;- Inventory Models&lt;br&gt;- JIT System&lt;br&gt;- The Role of IT Inventory and Warehouse Management</td>
<td>5. LEAN MANAGEMENT&lt;br&gt;- What is Lean Production&lt;br&gt;- Importance of Management Support for Lean Production&lt;br&gt;- Preparation&lt;br&gt;- Tools and Technique Used for Lean Production Processes&lt;br&gt;- Employee Involvement</td>
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<td>3. QUALITY MANAGEMENT&lt;br&gt;- Introduction to Quality&lt;br&gt;- Quality Theory&lt;br&gt;- Strategic Quality Planning&lt;br&gt;- The Voice of Customer&lt;br&gt;- Designing Quality Services&lt;br&gt;- Quality and Innovation in Product and Process Design&lt;br&gt;- The Tools of Quality&lt;br&gt;- TQM and Quality Improvement Teams&lt;br&gt;- Statistical Process Control&lt;br&gt;- The Voice of Market</td>
<td>6. OCCUPATIONAL HEALTH AND SAFETY&lt;br&gt;- Introduction to Occupational Safety and Health&lt;br&gt;- Hazard at the Workplace&lt;br&gt;- Safety and Health Practices and Procedures&lt;br&gt;- Safety and Health Training&lt;br&gt;- Industrial Hygiene</td>
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**Duration** : Three (3) Months  
**Course Detail** : Two (2) Modules per month  
**Assessment** : Attendance (10%), Assignment (60%) and Quiz/Test (30%)  
**Contact hours** : 12 hours per module

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