



## SP0907/14-17 Manufacturing and Resources Team Leader SCMSP04



The Lean Manufacturing Principles Skills Programme is often called Just In Time (JIT) or Agile Manufacturing. It's an operating strategy that seeks to maximize operational effectiveness by creating value in the eyes of the end user/customer. Lean Manufacturing Principles can improve operating performance by focusing on the uninterrupted flow of products and materials through the value stream.

### Benefits of attending this courses

On completion of this skills programme the delegate will be able to understand the processes related to JIT and Lean Manufacturing, this includes an understanding of quality management and capacity planning. This skills programmes also looks at the role of the team leader in motivating and building a team and applying a systematic approach to achieving objectives. Using statistics to communicate findings of problems are part of this skills programme.

### Course Options

- Classroom Facilitated – can be conducted on-site. Talk to us about this option
- Public courses – check the latest schedule for dates
- Digital Blended Learning – Download your text books and attend revision sessions
- Self-study – Download your Text books and assignments and complete at your own pace
- Customised – all learning materials can be customised to include internal SOP'

### Who should attend and prerequisites

- Mathematical Literacy (NQF Level 3)
- Communication (NQF Level 3)

### How to Book

Complete the form on our website to enquire about this course and make a booking.

## Course Outline – Key Learning Points

<p><b>JIT and lean manufacturing</b></p> <ul style="list-style-type: none"><li>• The principles of flow shop manufacturing operations</li><li>• Waste and waste elimination in the manufacturing environment</li><li>• The theory of constraints</li><li>• Continuous improvement</li></ul> <p><b>Total quality management</b></p> <ul style="list-style-type: none"><li>• Inspection in a manufacturing company</li><li>• Statistical quality control</li><li>• Quality cost management</li><li>• Quality tools and techniques</li></ul> <p><b>Capacity planning control</b></p> <ul style="list-style-type: none"><li>• Required capacity and available capacity</li><li>• CRP and manufacturing lead time</li><li>• Processing logic of capacity requirements planning</li><li>• Outputs of the capacity requirements planning process</li><li>• Production activity control</li><li>• Manufacturing strategies</li><li>• Priority planning and control</li><li>• The tools used in measuring performance</li></ul>	<p><b>Motivate and Build a Team</b></p> <ul style="list-style-type: none"><li>• The importance of motivating a team.</li><li>• Understanding of self and team members in a workplace</li><li>• Theories of motivation and group dynamics</li><li>• Implementing a plan of action to strengthen a team</li><li>• Providing feedback and recognising achievements</li></ul> <p><b>Achieving objectives</b></p> <ul style="list-style-type: none"><li>• Specifying objectives</li><li>• Formulating a plan</li><li>• Co-ordinating people and other resources</li><li>• Implementing the plan to meet objectives</li><li>• Evaluating results and making corrections and improvements</li></ul> <p><b>Statistics and Problem Solving</b></p> <ul style="list-style-type: none"><li>• Critique and use techniques for collecting, organising and representing data</li><li>• Use theoretical and experimental probability to develop models, make predictions and study problems</li><li>• Critically interrogate and use probability and statistical models in problem solving</li></ul>
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## Accreditation and Assessment

### MerSETA Skills Program: SP0907/14-17

The unit standards included in the skills programme are: **377381, 377360, 377440, 242819, 242822, 9015** is on NQF Level 4 and has 47 credits.

Delegates are required to submit a Portfolio of Evidence (POE) and Final Summative Assessment (FSA) results in order to be accredited against this Skills Program.

### Duration and delivery options

This course is conducted over 10 days or 20 half days (3 hour sessions). A delivery schedule is provided for submission of POE's and FSA's. Flexible time slots can be agreed for groups of 8 or more.

### Where to next..?

After completing this course your next learning opportunities include, but not limited to:

- SCML04: Gen Management: JIT and Lean Manufacturing
- SCMW01: Supply Chain and Materials Management

## About BIZZCO

BIZZCO is an accredited training provider with MerSETA and TETA. We specialise in providing training and skills development services for the Supply Chain and Operations environment. We have a number of services specially designed to enhance the performance of your Supply Chain teams.