



The Just In Time (JIT) Manufacturing is a planning system that allows you to optimize your inventory. You'll be able to know what you need to produce, when, and how much units. The Just In Time system is an example of a pull system. It depends on the demand and it doesn't rely on the traditional push system where the mass production occurs. One of the main advantages to your organization when you adopt the JIT system is that you'll be reducing waste and decreasing the costs. You will have less inventory and you'll only produce goods when they are needed.

This qualification is intended for people working in the manufacturing environment or those who want to work in a manufacturing environment.

Benefits of attending this Learnership

This qualification will help the learner to understand and apply the principles of JIT and lean manufacturing and to ensure continuous improvement in the workplace.

The focus of this qualification has been designed to enable learners to be competent in a range of knowledge, skills, attitudes and values including:

- Understanding Just in Time (JIT) and lean manufacturing.
- The principles of flow shop manufacturing operations.
- Waste and waste elimination in a manufacturing environment.
- The concept of the theory of constraints.
- Implement continuous improvement.

Course Options

- Classroom Facilitated – can be conducted on-site
- Digital Blended Learning – Download your text books and participate in remote access lessons on line

- On-line learning – Download your text books and study at your own pace. Take quizzes and FSA's on line, submit your PoE on line
- Customised – all learning materials can be customised to include internal SOP's relevant to the business

Who should attend and prerequisites

This Learnership is aimed at practitioners in the manufacturing environment.

Learners should be competent at NQF level 3 in English Communication and Mathematics. Previous experience with Supply Chain/Manufacturing environment will assist the learner but is not a prerequisite.

How to Book

Complete the form on our website to enquire about this course and make a booking, or contact us on enquiries@bizzco.co.za

Course Outline – Key Learning Points

Core						
ID	US Title	NQF Level	Credits	Total Hours	Class Hours	Prac Hours
242824	Apply leadership concepts	4	12	48	24	24
242815	Apply organisation's code of conduct	4	5	20	8	12
242816	Conduct structured meetings	4	5	20	8	12
242822	Employ a systematic approach to achieving objectives	4	10	40	16	24
242821	Identify responsibility of a team leader meeting organisational standards	4	6	24	8	16
242810	Manage expenditure against budget	4	6	24	8	16
242829	Monitor service levels	4	5	20	8	12
242819	Motivate & build a team	4	10	40	16	24
242811	Prioritise time and work	4	5	20	8	12
242817	Solve problems, make decisions & implement solutions	4	8	32	12	20

Fundamental						
ID	US Title	NQF Level	Credits	Total Hours	Class Hours	Prac Hours
119472	Oral/signed communication	3	5	20	8	12
119457	Interpret & use information from texts	3	5	20	8	12

119467	Use language & communication for occupational learning	3	5	20	8	12
119465	Write/Present/Sign texts for communication	3	5	20	8	12
9015	Apply knowledge of statistics to communicate findings of problems	4	6	24	8	16

119462	Engage in oral/signed communication & evaluate spoken/signed texts	4	5	20	8	12
119469	Read/review, analyse & respond to texts	4	5	20	8	12
9016	Represent, analyse & calculate shape & motion in 2-& 3- dimensional space	4	4	16	6	10
7468	Use math to investigate & monitor financial aspects of issues	4	6	24	8	16
12153	Compose texts for business	4	5	20	8	12
119459	Write/present/sign contexts	4	5	20	8	12

Elective

377360	Discuss JIT & Lean manufacturing	3	5	20	8	12
377381	Apply TQM	4	8	32	12	20
377440	Perform CRP	4	8	32	12	20
377386	Perform MRP	4	5	20	8	12
377380	Describe the functions of purchasing & procurement	4	5	20	8	12

TOTALS

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Accreditation and Assessment

Learners are required to complete activities in the classroom and at the workplace. Activities included mentored assignments which are workplace based and will be recorded in a Portfolio of Evidence (PoE). Exams will be written after each module which require a minimum of 60% pass.

This Learnership is accredited through MerSETA and learners will receive a certificate of competence on passing the Final Summative Assessment (FSA).

Duration and delivery options

This Learnership is conducted over 30 days or 60 x 3 hour lessons. A timetable is arranged with the employer to accommodate operational requirements and to suit the needs of the business.

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.

Why not try our **Competency Assessment** to measure the skills gaps in your Supply Chain? Our website has more information about this service. www.bizzco.co.za