

Principles of Production and Inventory Management (PPIM)

SAPICS: Local Course



Introduction

The field of production and inventory management has long been a key element in the improvement in productivity in the field of manufacturing. A company's ability to create a competitive advantage can only be achieved by qualified and skilled personnel who possess an understanding of how operations contribute to a company's continual growth in today's competitive market.

About the course

The Principles of Production and Inventory Management is an intermediary level course for those wishing to make a career in one of the many disciplines of supply chain and operations management. This course assumes prior knowledge of the basics of supply chain and operations techniques and serves as a stepping stone to a certification in supply chain and operations management.

Who would benefit from attending this course?

This course is designed for individuals working in the field of Production and Inventory Management who want to obtain or update their professional knowledge, those entering this field or working in a related field such as Purchasing, Accounting, Marketing, Engineering, Data Processing etc.

Duration of the PPIM course

11 Full days, instructor led sessions, every second week. Homework will need to be done after each session.

Material includes: Study Material, a Glossary, the presentation slides and homework sheets.

Method of delivery

This course could be delivered in the following ways:

- In-house – at the company's premises, instructor led at agreed days and times. A minimum number of learners would be required
- Public course - on-line, Microsoft Teams platform is used
- Self-study is not an option for this course

Instructor Led benefits

- Led by experienced instructors
- Structured classroom environment ensures that you will stay on track with your studies
- Peer discussions help reinforce learning materials

Course content includes:

<ul style="list-style-type: none">• Manufacturing Strategies and Resource Management• Product and Process Design• Forecasting and Forecasting Techniques• Production Planning and Master Scheduling• Materials Planning• Capacity Planning• Project Management• Intermittent Production Systems• Continuous Production Systems <p>Mid Term Exam</p>	<ul style="list-style-type: none">• Fundamentals of Inventory Management• Inventory Methodologies and Lot-Sizing Techniques• Lean and Waste Elimination• Purchasing and Procurement• Warehousing and Materials Handling• Quality Strategies• Facilities Location and Transportation• Distribution Management <p>Final Exam</p>
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Entry Requirements

It is recommended that a learner should have a minimum of a Grade 12 / Matric.

Calculations in this course are equivalent to grade 9 mathematics or grade 11 mathematical literacy

About the exam

The mid-term exam is based on content of Sessions 1 to 9. The final exam is based on the content of Sessions 11 to 18. Both are closed book exams. Both exams consist of 30 true/false questions and 50 multiple choice questions. To pass the course and earn the Certificate of Achievement, a learner will need an overall score of at least 50% in both the mid-term and the final examination with a combined minimum of 50% in the homework and 50% in the two examinations.

Please do not hesitate to contact me for any assistance or further questions.

Enjoy your day!

Marieta Glas

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