

BASICS OF MANUFACTURING & OPERATIONS MANAGEMENT (BMOM)



Introduction

While it is true that today more and more of manufacturing is being performed by robotics and computerized software programs, there is still a need for qualified personnel in manufacturing. A successful career in manufacturing requires a broad understanding of the many operational functions that support the production function. The trend more from blue collar workers to white collar workers holds huge potential for those currently employed and those seeking a career in the field of manufacturing and operations.

About the course

The Basics of Manufacturing and Operations Management is an entry level course for those wishing to make a career in one of the many disciplines of manufacturing and operations management. This course is designed to give an insight into the knowledge and skills required to actively participate as a member of the operations team.

Who would benefit from attending this course?

This course is designed for individuals from all functions in an organization at an introductory level.

Entry Requirements

There are no prerequisites for entry into this program, but basic literacy and numeracy skills is recommended.

BMOM course outline

The course consists of nine sessions and a final exam:

1. Business Formation and Strategy
2. Management, Supply Chain and Customer Service
3. Manufacturing and Manufacturing Strategies
4. Planning, Forecasting and Scheduling
5. Material and Capacity Planning
6. Types of Production and Production Materials
7. Industrial Engineering Support
8. Materials Management
9. Lean, Waste and Continuous Improvement
10. Final Exam

Learning options

This course is non-unit standard aligned and non-accredited and is available as an instructor led program, online or self-study.

Instructor Led

- Led by experienced instructors
- Structured classroom environment ensures that you will stay on track with your studies
- Peer discussions help reinforce learning materials
- Contact time 30 Hours (including Final exam)

Online

- Led by experienced instructors
- Platforms supported: Zoom, Teams, and Meet
- Interactive, most suitable for small groups
- Contact time 30 Hours
- Final exam Proctored

Self-Study

- Prepare from home, work, or while traveling
- Save time and money on travel to training venues
- Learn at your own pace.
- Tutoring available if required
- Final exam Proctored

About the exam (Length of exam - 3 Hours)

The final exam covers the full course content. It is a closed book exam. The final exam consists of 30 true/false questions and 50 multiple choice questions. Each true/false question marked correct will earn 1 mark; each multiple-choice question marked correct will earn 2 marks. The total marks available: 130. A learner requires 65 marks (50%) to pass the exam. There is no negative marking. To pass the course and earn the Certificate of Achievement, a learner will need an overall score of at least 50% in the final examination with a combined minimum of 50% in the homework and final examination.

Speak to us about other methods of training delivery and corporate customisation.

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