

## IoSCM Manufacturing, Production and Operations Academy

### WHY IoSCM?

Guarantee success in your industry with IoSCM. We offer every student much more than just a qualification, we provide the opportunity to grow, learn and progress as a professional with our unrivalled support network.

- The most **flexible** distance learning package in the industry, adapt the course to study at your **own pace** and in your **own time**
- An **easy to use**, accessible online learning platform which provides **unlimited access** to customised resources and course materials
- Self-assessments, assignment preparation and **tailored tutor feedback** available at any time to provide you direction and guidance in your progress
- Access to **premium** revision and **study tools** such as timetables, planning guides, real life industry examples and useful websites
- Unlimited **1 to 1 support**, guidance and feedback from IoSCM's **industry expert tutor** team
- **First class** study materials designed and developed by **subject specialists**
- Individually assigned Student Support Liaison **dedicated** to handling all enquiries or issues throughout your studies and acting as your **personal mentor**
- **Communicate** with your appointed support team through a **range of methods** including Whatsapp, Skype, Facetime, text, email or phone call
- **Free monthly 1 to 1 workshops** available to attend in person or online
- An impressive **98% pass rate** across all qualifications
- Connect with students and **professionals across the globe**, interact on forums, offer or receive peer support and **expand your network** with IoSCM's online platforms
- Access even **more benefits** when you become a certified member of the Institute of Supply Chain Management, including **discounts and free short courses**

Spend less time and less money when you study with IoSCM. We offer the best possible chance to pass your qualification first time. In fact, we're so confident in your ability to succeed, we guarantee that if you fall into the 2% that don't pass first time, you can re-sit your study period, fully inclusive of IoSCM's signature support package, for **FREE**.

Attend **monthly workshops** for additional study support and

### 1 TO 1 TUITION

available **free of charge** to all students

Communicate with your **dedicated support team** through

**WHATSAPP, SKYPE, FACETIME, TEXT, EMAIL OR CALL**

at any time



**UNLIMITED SUPPORT, GUIDANCE AND FEEDBACK**

from IoSCM's **industry expert tutor** team

## IoSCM Level 3 Manufacturing, Production and Operations

### ABOUT THIS COURSE

Our Manufacturing Academy supports learners to undertake manufacturing training through bespoke distance learning courses. Each qualification has been designed to meet the needs of the manufacturing, operations and production industry. Whether you are an employee or employer, our manufacturing courses provide a tailor-made way to support skills development and professional progression in this diverse and fast-growing industry.

The level 3 qualification in Manufacturing and Production is designed for students with a minimum of 2 years experience in a supply chain related field, who wish to develop key knowledge in business and leadership at supervisory management level.

Students can acquire skills in specific areas of the manufacturing and the production processes to support career development.

\*Through completion of the IoSCM level 3 - Manufacturing, Production and Operations you will receive certification from IoSCM and also a regulated qualification, Level 3 in Supply Chain and Operations, via our partnership with SFEDI Awards as the Ofqual regulated Awarding Organisation.

### Course Breakdown

A

#### Award Requirements

To gain the award you must complete 1 core unit

C

#### Certificate Requirements

To gain the certificate you must complete 1 core unit and any other 2 units

D

#### Diploma Requirements

To gain the diploma you must complete 1 core unit and any other 3 units

### Equivalent

A level 3 qualification is of the same level as an A Level, however, studying with IoSCM allows complete projects within your workplace, and with previous knowledge and past experience.

All IoSCM  
qualifications are  
**INDUSTRY RECOGNISED**



Level 3 job title and  
salary expectations:

**OPERATIONS  
SHIFT MANAGER**  
**£32,000**

**MANUFACTURING  
SUPERVISORS**  
**£28,000**

**PRODUCTION  
SECTION LEADER**  
**£25,000**

**PRODUCTION  
CONTROLLER**  
**£27,000**

**PRODUCTION  
SCHEDULER**  
**£27,000**

\*Salaries are based on national averages  
and may vary depending on location

# IoSCM Level 3 Manufacturing, Production and Operations

## UNIT SELECTION

### Core Units

#### Manufacturing and Production

- Organising production
- Level of Demand
- Competitors
- Sales forecasting
- Production planning
- Planning using Buffer Stocks
- Productivity
- Quantity of Inputs
- Materials Development
- Analysis tools
- Lean

#### Business

- Range of Business
- Business Functions and Departments
- Quality Management Systems
- Communication
- Legislation
- Health and safety
- Marketing

### Optional Units

#### Production Planning and Control

- Production Planning
- Business Plan
- Manufacturing capacity
- Resources
- Improvements
- Product Planning Control and Flow

#### MRP/ERP Systems

- Components of a MRP System
- Components of an ERP System
- Implementation of MRP & ERP Systems
- Business implementation

#### Lean Manufacturing

- Lean techniques
- Lean principles
- Eight Deadly Wastes
- External Factors
- Internal Factors

#### Improving Team Performance

- Team Development
- Effective characteristics
- Issues encountered
- Team building
- Team evaluation
- Communication

#### Environmental Issues in Manufacturing

- Environmental issues in manufacturing
- The factors that influence environmental issues in manufacturing
- The importance of organisational infrastructure requirements for environmental issues in manufacturing

#### Business Improvement Techniques

- The need and application of business improvement
- Improvement Activities
- Improvement Activities Resources
- Communication

# IoSCM Level 3 Manufacturing, Production and Operations

## UNIT SELECTION

### Optional Units Continued

#### Warehousing Operations

- Warehouse Departments
- Bridge Between Supply and Demand
- Warehouse Management Systems (WMS)
- Types of Warehouses
- Warehouse Location Factors

#### Transport Planning Operations

- Role of Transport
- Transport
- Principles of Transport Planning
- Legislation & Regulations
- Health & Safety measures
- Transport Equipment

#### Supply Chain Operations

- The Supply Chain
- Relationships
- Supply Chain Components
- Logistics
- Integrated systems

#### Purchasing Processes

- Organisations involved in the purchasing role
- Relationships
- Markets
- External factors
- Purchasing
- Sourcing suppliers

#### Ports and Shipping

- Types of ports
- Port functions
- Seaport connection and transshipment
- Maritime network considerations
- Port considerations

#### Logistics

- Logistical requirements of a supply chain
- Customer needs
- Optimise use of logistics
- Modes of transport
- Technology, Information & communication technology

#### Inventory Processes

- Inventory
- Purpose of Inventory
- Inventory Control Process
- Alternatives to holding Inventory

#### Freight

- Role of freight
- Transport
- Route Plan
- Environmental
- External influences
- Legislative



## Manufacturing, Production and Operations Academy Support

### SUPPORT



#### Unlimited Access to Industry Expert Tutors

IoSCM's Tutor Team are an amalgamation of some of the industry's finest talent. All experts within their field, the team provide preparation for your distance learning experience, assistance with your qualification and support you during each unit. Because we have tutors specialising in every sector of the industry, we have a strong perception of the requirements needed to succeed and progress within every field.



#### Accessible Online Delivery and Assessment

You'll gain access to a customised learning platform in which you can take mock tests, utilise a huge library of resources and interact with other students across the globe. As well as unlimited first class materials, there are self-assessments available online show the results immediately to give you direction on what you're doing well and what you might need to take another look at. You can take and retake the practise self-tests as many times as you like. By doing this, we're increasing your confidence in your ability to succeed and therefore, also ensuring you pass first time.



#### Flexibility and Study Methods

Because IoSCM qualifications can be studied entirely online, you can study in your own time and in the comfort of your own home. You can revisit materials and resources as often as required, simply log in to your personal learning platform. We do however, offer free monthly face to face or online workshops for you to attend if necessary. We understand that every individual is different, so we encourage you to learn at your own pace and in a way that suits you.



#### Pass First Time

Our support package is so important, not only because there isn't currently anyone who offers such a high level, but because we're dedicated to changing the industry statistics, IoSCM's current pass rate across our qualifications is 98%. With the unbeatable support we provide, you can spend less time and less money by increasing your chance of gaining your qualification first time. Our entire approach to learning is to guarantee your success.

#### INDUSTRY EXPERT TUTOR



#### MANUFACTURING AND PRODUCTION TUTOR PROFILE

Over 22 years of experience in the Manufacturing and Production industry

- Level 7 Qualified
- PRINCE 2 Qualified
- Level 4 Education and Training Certificate

"I am passionate about using my expertise to help IoSCM students succeed. I don't just assist with their qualification but use my experience and knowledge to help students implement their new found skills into the workplace and develop as a professional."

## Manufacturing, Production and Operations Academy Guarantee

### GUARANTEE

IoSCM are honoured to hold a reputation as an influential institution representing the supply chain. Renowned for the quality, expertise and talent behind our qualifications, we're determined to continue our success. Which is why we strive to preserve our impressive **98% pass rate** with an unrivalled support package for every professional.

IoSCM are confident in the standard of our qualifications, the delivery of our curriculum and the support from tutors and mentors combined with your hard work; we know it will lead you to success, first time around. So much so, that we can guarantee that if you are unsuccessful in the passing of your course, we will offer you a second opportunity to achieve your qualification free of charge

There are some conditions to the IoSCM qualification guarantee:

- You must have submitted all assignments on time
- You must have monthly contact with your assigned student mentor to ensure we have given you our full support throughout your course
- You have two years from beginning your distance learning course in order to be eligible for this guarantee. If you have studied for longer than two years, you do not qualify for a free retake
- You must book your free course within 6 weeks of your first unsuccessful attempt
- Institution fees including membership renewal and any possible examination fees are not covered by this guarantee
- Course materials will not be re-issued
- IoSCM's interpretation of these conditions shall be binding
- We reserve the right to change or withdraw this offer at any given time

We strive to preserve  
our impressive

**98% PASS RATE**

with an **unrivalled  
support package**  
for every professional



With the achievement of  
each level, you will

**EXPAND YOUR  
EARNING POTENTIAL  
AND EVOLVE YOUR  
CAREER.**

Speak to us today about our  
progression routes on  
**0800 1422 522**

