

**Module Ref**  
**Module Title**

**SC01**  
**Supply Chain Management**  
**(One day)**

### **Course Introduction**

To provide an introduction to Supply Chain Management (SCM) ideas and current best practice in oil and gas.

### **Principles and Objectives of SCM**

This will examine the basic objectives of SCM, in particular efficiency and responsiveness objectives.

### **Strategic Sourcing Analysis**

This will examine the approach to segmenting the supply portfolio based on risk and value into: strategic, bottleneck, leverage and routine. Appropriate sourcing strategies for each segment will be explained.

### **Supply Chain Relationships**

Obligational and Arms-length relationships will be contrasted. Approaches to partnership relationships will be examined including: long-term, risk-reward, objective alignment, technical/process innovation targets and role clarity.

### **SC Design and Re-Engineering**

Mapping approaches such as Industry Mapping, Provider Capability Mapping, Pipeline Mapping, Time-based Process Mapping and Value Stream Mapping are introduced as tools and their application for mapping and re-engineering the supply chain explained.

### **SC Performance Measurement**

Approaches to measuring SC Performance are introduced and evaluated, including Balanced Scorecard, SCOR Model and Gaps/False Alarms Analysis.



### **Learning Outcomes**

On completion of the course candidates are expected to be able to:

1. Be aware of the concepts, principles and techniques related to SCM. Consider their knowledge gaps and be able to personally evaluate further training needs in SCM.

### **Who Should Attend?**

Managers and staff who have an interaction with suppliers and management of the logistics of purchasing.

**The Presenter**

Dr Nisbet is a Senior Lecturer at Aberdeen Business School. He has an MSc Logistics from Robert Gordon University and a PhD in Supply Chain Management from Cranfield University. He has experience of research, consultancy and training in the Oil and Gas Industry where he had a previous career as a Logistics Director of a major oil service company.

**Certificates**

Each delegate will receive a certificate of attendance on completion of the seminar.

**Course Duration**

1 day  
9.30 am – 4.30pm