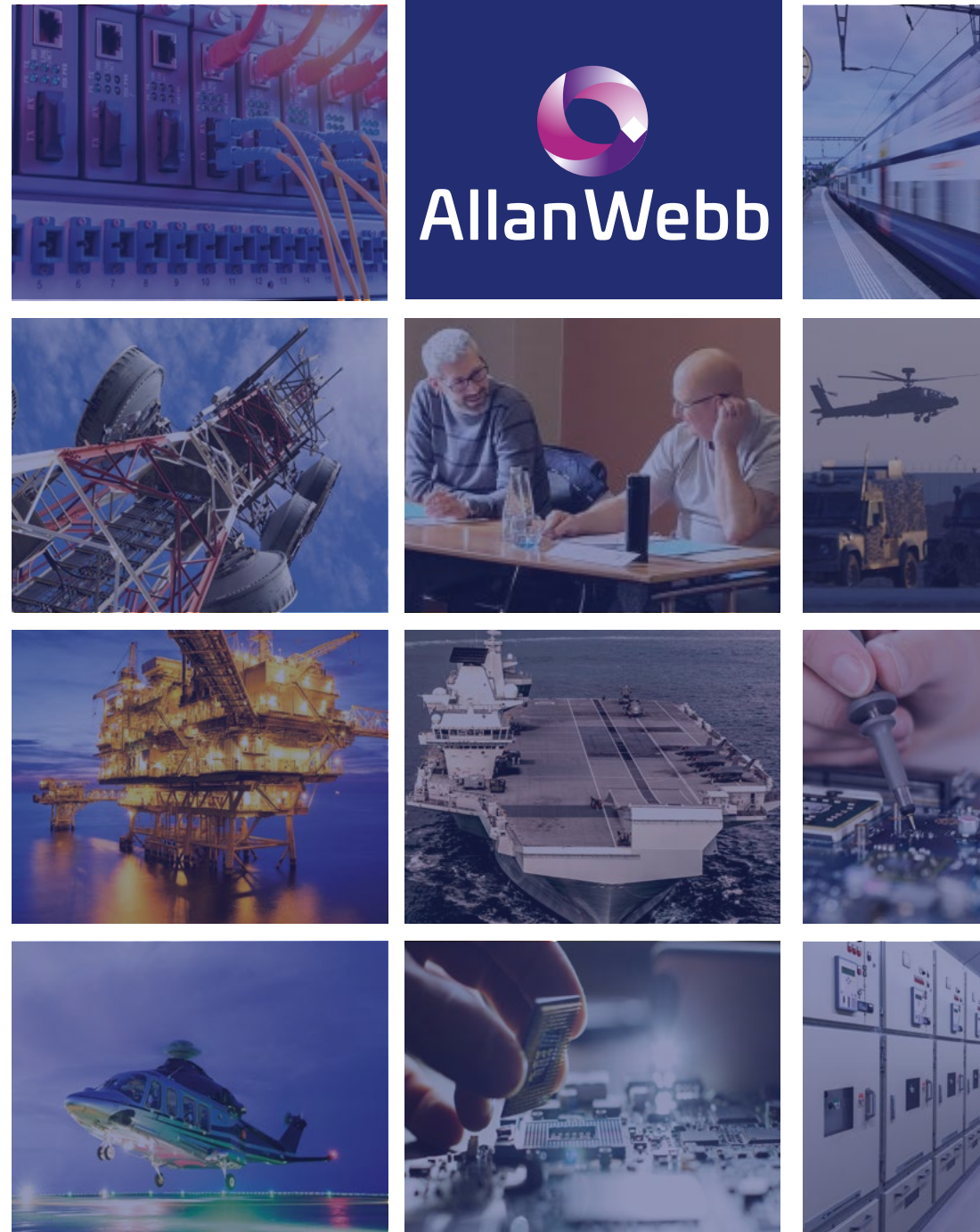**NEW COURSES AND NEW DATES**

AllanWebb

World-class Supportability Training

2022

e-Learning
Virtual Classroom Courses
Open Public Courses
In-house Courses
Bespoke Courses

The Chartered Institute of Logistics and Transport

Endorsed
iiom
TRAINER

Blended Learning Supporting Your Programmes

AllanWebb

Contents

New for 2022

e-Learning Training Courses

https://learning.allanwebb.co.uk/catalog

> " I liked the team discussions and Stephen was so knowledgeable about the subject matter. It made everything so easy to understand and so easy to listen to. "
>
> ILS & SE Management Course - Delegate DSSEC Nov 2021

AllanWebb

Trust Allan Webb with your most valuable asset: your people.

Allan Webb has over 60 years' experience providing a range of Supportability Engineering and Data Analysis services. Our team of training specialists work to industry standards and are well versed in the systems approach to training. Provided in a variety of media, our courses are developed with excellent technical foundations in mind and can be tailored to suit your requirements.
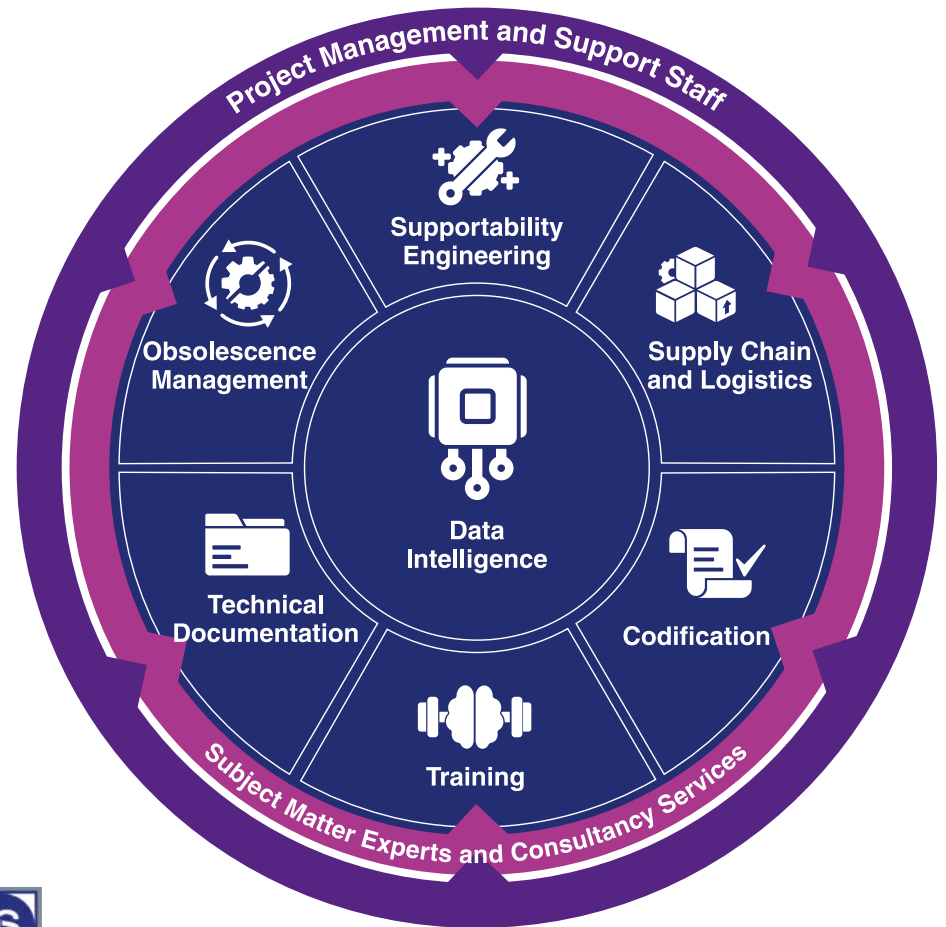
With a national and global reach and employing 200+ staff, Allan Webb has a proven track record in reducing costs, improving productivity, logistical analysis and supportability engineering.

We are a Chartered Institute of Logistics and Transport (CILT) Endorsed Training Provider and an International Institute of Obsolescence Management (IIOM) approved training centre.

Our training services focus on four key areas:
Obsolescence Management
Integrated Product & Logistics Support
Supportability Engineering
Product Support Analysis

Allan Webb core services:

Project Management and Support Staff
Subject Matter Experts and Consultancy Services

- Supportability Engineering
- Supply Chain and Logistics
- Codification
- Training
- Technical Documentation
- Obsolescence Management
- Data Intelligence

nqa. ISO 27001 INFORMATION SECURITY MANAGEMENT — UKAS MANAGEMENT SYSTEMS 0015

nqa. ISO 14001 ENVIRONMENTAL MANAGEMENT — UKAS MANAGEMENT SYSTEMS 0015

nqa. ISO 9001 QUALITY MANAGEMENT — UKAS MANAGEMENT SYSTEMS 0015

CYBER ESSENTIALS PLUS

ADS SC21 Operational Excellence 3 Years Silver Award

Obsolescence Management Awareness

AllanWebb

Course Overview:

This awareness training course will provide the delegate with an appreciation of Obsolescence Management and its underlying principles. The fundamental principles are established and then built upon using a combination of advanced presentation techniques and informal instructor/delegate interaction.

Is this course for me?

Personnel from various disciplines, e.g. engineering, design, procurement, commercial, support and other technical and related areas can come together and collectively discuss the issues and how the organisation can recognise and address them.

Course Outline:

The course discusses

- The origins of obsolescence and what continues to drive the need for managing obsolescence risk to equipment.
- The relevant International, NATO and British Standards and policies that have been published by major organisations.
- A high level look at what constitutes an Obsolescence Management Policy and an Obsolescence Management Plan.
- Contractual issues and legislation.
- The main factors that affect the risk from obsolescence.
- The major methods of mitigating the risk and resolving obsolescence issues.

Training Delivery Options:

Now available as an eLearning package - call us on +44 (0)1453 824 581 for more information

On-site: 1 day or
Virtual Classroom: 2 x half day sessions

Post Course Progression:

Allan Webb offers a suite of Obsolescence Management training courses that can be delivered in public classroom sessions, privately on-site and online using the Webex Training Platform.

Once you've completed our One Day Awareness Course, you might like to try your hand at our Practitioner Course, or our IIOM Certified Course, to advance your skills to the next level.

Allan Webb are approved International Institute of Obsolescence Management trainers.

Endorsed iiOM TRAINER

Obsolescence Management Practitioner

Course Overview:

This IIOM endorsed training course is designed to provide the delegate with practical knowledge of Obsolescence Management and how to apply it to projects. The course explores the origins of obsolescence and what continues to drive the need for managing obsolescence risk. We will also look at the relevant International, NATO and British Standards and the corporate policies that have been published by major organisations such as the UK Ministry of Defence and BAE Systems.

Is this course for me?

The course is designed for those who are about to embark on an Obsolescence Management strategy, or those who require more detailed information on what an Obsolescence Manager needs to know and what duties they should be performing.

Course Outline:
Course Modules

- **Introduction to Obsolescence Management**
- **Obsolescence Management Policy, Strategy and Planning**
- **Obsolescence Contracting**
- **Obsolescence Risk**
- **Obsolescence Resolutions & Mitigations**
- **Obsolescence Management within the Design Process**
- **Obsolescence Management Tools**

- **OM Cost Modelling**
- **Obsolescence Management & Counterfeits**
- **Impact of Legislation on Obsolescence**
- **Software Obsolescence**
- **Measuring Performance of an OM Capability**
- **Communication & Collaboration**
- **The Role of an Obsolescence Manager**
- **Cascading Obsolescence Management Down the Supply Chain**
- **Developing an Obsolescence Management Plan**

Training Delivery Options:

Open Public Classroom Course: 3 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 3 Days or
Virtual Classroom: 3 Days

Post Course Progression:

Allan Webb can provide short courses on specialised Obsolescence subjects such as Counterfeit awareness on site or online.

If you wish to become an Associate Member of the International Institute of Obsolescence Managers (AIIOM) you will first need to complete the IIOM Certificate Course and associated assessments before making your own application to join or upgrade your existing membership of IIOM.

Allan Webb are approved International Institute of Obsolescence Management trainers.

Obsolescence Management IIOM Certificate

AllanWebb

Course Overview:

The IIOM Certificate training course is based upon the IIOM Framework which provides the context for education, training and experience requirements at each grade of IIOM membership. This course is designed for those who are looking to attain Associate IIOM (AIIOM) level.

Is this course for me?

This course is specifically designed to provide the student with a high level of understanding of Obsolescence Management in preparation for the two–part assessment that they will undertake on completion of the course. The 50 minute open book, multiple choice exam is taken during the final session of the course. Students subsequently produce a post course project which is submitted four weeks after course completion. Both assessments must be passed for the student to achieve Associate Level with the International Institution of Obsolescence Management.

Course Outline:

The course will explore the origins of obsolescence and what continues to drive the need for managing obsolescence risk. It will discuss the relevant International, NATO and British Standards and the corporate Obsolescence Management policies that have been published by major organisations.

This course is specifically designed to provide a student with a high level of Obsolescence Management knowledge, understanding and application to prepare them for the IIOM Associate examination and post-course project. The course includes the examination which the student will be expected to sit on completion of the instructional elements of the course.

Obsolescence Management Certificate Exam Modules:

OMA1 – Principles of Obsolescence Management

OMA2 – Obsolescence Management Policy, Strategy & Planning

OMA3 – Obsolescence Contracting, Performance, Cost Modelling

OMA4 – Obsolescence Risk – assessment, mitigation and resolution

OMA5 – Obsolescence Management Plan

Training Delivery Options:

Open Public Classroom Course: 3 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 3 Days or
Virtual Classroom: 3 Days

Post Course Progression:

Successful delegates who then apply to the IIOM for membership will be recognised at Associate level. Existing IIOM members can apply to have their membership upgraded to Associate Level.

Course costs do not include IIOM Membership or upgraded Membership Fees

> " The real world examples were very helpful in the understanding of practical applications, and I enjoyed listening to all the participants' perspectives. "

IIOM Certificate Course for Babcock (in-house)

Endorsed iiOM TRAINER

AllanWebb

Course Overview:

The course delivers a synopsis of those in-service Support Engineering, Operations Management and contractual activities that must be considered in order to provide successful delivery of best value through life.

Is this course for me?

This course is applicable to both public and private sector personnel involved in delivering in-service support. It is applicable to service delivery managers, project managers, equipment support managers, Integrated Logistic Support (ILS) engineers, technical through life support managers, commercial and contract managers.

Course Outline:

Acquisition and support of new and legacy assets / capabilities are intrinsically linked. With fast technology cycles, obsolescence risk and many asset life cycles extended beyond original disposal dates in the public and private sectors, in service support is becoming more complex. Operating context and operating demands are ever changing within the modern world, with support solutions requiring increasing flexibility and cost reductions through life. This course explores the aspects of support and asset management from the owner and support agents' point of view.

Optimisation of whole life support is essential to both the customer and the supplier and the delivery of value solutions is an essential requirement. From the conception of a new asset or capability, in terms of planning and delivery of a new support solution through to optimisation and cost of ownership, the course explores the aspects of through life support, types of contract and management activities, and optimisation techniques to maintain value through life from inception to disposal.

Training Delivery Options:

Open Public Classroom Course: 3 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 3 Days or
Virtual Classroom: 6 x 3 hour sessions.

Courses Modules:

- **Operating Context and Support Options.**
- **Equipment Support Metrics and KPIs.**
- **Fleet and Asset Management.**
- **Data Management and Exploitation.**
- **Change Management and Configuration Management.**
- **Software Support and Training Management.**
- **Supply chain mapping and planning.**
- **Obsolescence Management.**
- **Support Network – Operational and Technical Support.**
- **Whole Life Cost Disposal.**

NATO Codification Awareness

AllanWebb

Course Overview:

This Awareness level course introduces the NATO Codification System to a new user or to someone who requires a basic level knowledge of the overarching principles of the process. It introduces the aims, objectives and structure of the NATO Codification System (NCS) and gives a practical demonstration of its use, definition of items, risks of duplication and how it interfaces with the supply chain.

Open Public Courses are scheduled during the year and are held live, online using Allan Webb's Learning Management System and Cisco Webex Training.

In-House Course Delivery can be provided in a classroom format if several delegates from one organisation require this course. Please contact us for prices and dates at training@allanwebb.co.uk

Is this course for me?

This course is aimed at Codification Engineers who require practical knowledge of the end-to-end NATO Codification Process.

Course Outline:

Modules include:

- Introductions and Welcome
- Origins of the NATO Codification System
- Structure of the NATO Codification System
- The Common Supply Language
- The Item of Supply Concept
- The Total Item Record

- Confirming the Item of Production
- Codification Actions
- Screening Expectations
- The Joint Supply Chain
- Useful Information
- Exporting Information

Training Delivery Options:

Virtual Classroom: 2 x 3 Hour Sessions
or
On-site: 1 Day

"The lecturer and participants shared their huge experiences and provided practical examples. Once again, thank you for the high standard of training you provided."

NSPA NATO

NATO Codification Practitioner

AllanWebb

Course Overview:

This two-day Practitioner Course will see students explore an in-depth, practical operation of the Codification requirement including:

- Obtaining source data.
- Use of codification software.
- E-tasking.
- Tracking codification requests.
- Maintaining NATO Stock Numbers (NSNs)

This course also offers an overview of ISO 8000 and Waterguard.

Training Delivery Options:
Virtual Classroom Webex: 4 x 2.5 Hour Sessions
or
On-site: 2 Days

"
Brilliant course and run really well. Covered a lot of material in quite a short amount of time and it really tied a lot of things together for me.

NSPA NATO

Is this course for me?

This course is aimed at Codification Engineers who require practical knowledge of the end-to-end NATO Codification Process.

Course Outline:

DAY 1

- Introductions and Welcome
- Origins of the NATO Codification System
- Structure of the NATO Codification System
- The Common Supply Language
- The Item of Supply Concept
- The Total Item Record
- Confirming the Item of Production
- Codification Actions
- Screening Expectations

- The Joint Supply Chain
- Useful Information
- CSIS Web:
  Manufacturer Searches
  Single Reference Searches
  Item Naming
  Characteristic Searches
  Batch Searches
  Exporting Information

DAY 2

NMCRL
- Reference Searching
- Batch Demo
- Creating a new NCAGE

Source Data Formats and Requirements

NCS IIG and Codification Demonstration

ACodP-1 Reference Format acceptance

Fuzzy Searches

Unit Catalogues & Single Item Ownership

Q&A Workshop

Availability, Reliability & Maintainability (AR&M)

AllanWebb

Course Overview:

This popular, in-depth course presents a practical review of the AR&M considerations throughout the life of a system, starting with the objectives set in the acquisition phase, working through the design, development and sustainment of equipment and systems. Topics covered include: Principles and Objectives; Consideration of underlying failure mechanisms; Engineering Techniques; Allocations and Predictions; System level modelling; Data Collection & Analysis; Verification Testing in a Life Cycle Context. The course closes with a general discussion and the opportunity for delegates to further address any particular issues which may be of interest to them.

Is this course for me?

This course is aimed at AR&M engineers and managers, ILS and Supportability engineers and design engineers who wish gain a deeper understanding of these principles. The course is endorsed for Continuing Professional Development by The Chartered Institute of Logistics and Transport.

Course Outline:

Module 1: Maths and Stats Applications in AR&M

Module 2: System Measures & Metrics

Module 3: AR&M & Systems Engineering

Module 4: Causes of Failure

Module 5: AR&M Management & Engineering in the Lifecycle

Module 6: R&M in Design

Module 7: R&M Engineering Techniques

Module 8: Reliability and Maintainability Allocation Modelling and Prediction

Module 9: Reliability Growth, Data Collection and Analysis

Module 10: Statistical Demonstration

Training Delivery Options:

Open Public Classroom Course: 5 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 5 Days

The Chartered Institute of Logistics and Transport | Endorsed Centre

" Very informative. Really well delivered course. Everything was backed up by real life examples. Exceeded my expectations.

AR&M Course - Delegate Babcock International Nov 2021

Pre Course Preparation

A maths refresher sheet showing some of the notation that will be used for parts of the course will be sent to all delegates prior to the start of the course. A lap-top computer with MS Excel would assist delegates with some course discussions and exercises.

Optional Tutorial

There is an optional, evening tutorial on Day 2 to give students the opportunity to practise the maths that they will be applying later in the week.

Life Cycle Costing, Level of Repair Analysis (LoRA) and Support Related Costing

AllanWebb

Course Overview:

This comprehensive course both studies and practises the Cost of Ownership and Level of Repair Analysis principles and modelling techniques that can be applied to ownership cost estimation. How do these models function and how can they be best used to inform the decision making process? How and why can these techniques be effectively applied to Life Cycle Costing, Through Life Costing, Whole Life Costing and Level of Repair Analysis? The course provides detailed insight into the principles and practicalities of these subjects. Delegates work through a series of syndicate based exercises to provide practice and opportunity for the hands-on development and use of models and to develop the confidence and knowledge to select, use and validate LCC, TLC, WLC and LORA models.

Is this course for me?

This course is suitable for project review teams, bid teams ILS and LSA staff responsible for or associated with bid preparation, management or evaluation, in-service managers, costing and budgeting staff and those involved in future strategy planning.

Training Delivery Options:

Open Public Classroom Course: 5 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 5 Days

The Chartered Institute of Logistics and Transport | Endorsed Centre

“ All aspects of the course were interesting. ”

MOD delegate October 2021

Course Outline:

Module 1: Cost Concepts and Applications

Module 2: Cost Concepts and Applications

Module 3: LCC Model Development

Module 4: Life Cycle Cost Analysis

Module 5: CER Discussion and Development

Module 6: Trade-offs and Life Cycle Costing

Module 7: Level of Repair Analysis

Module 8: System Costing and LORA Exercise

At the end of this five-day course students will:

- Understand the costs associated with the provision of capability and related costing concepts and appreciate the applications and limitations of cost estimation techniques.

- Understand the purpose and uses of cost estimation models and the need for and development of Cost Estimating Relationships, and the use of cost models to determining budgeting requirements for Through Life Cost and the contractual implications of LCC, TLC, WLC and LORA.

- Understand how Cost of Ownership is a key ingredient to decision-making and the significant differences and uses of LCC, TLC, WLC, and LORA. They will be able to select and validate cost estimation models and

understand the relationship between LCC, TLC, WLC and LSA.

- Understand the role and purpose of LORA including using a generic LORA model to examine the principles and justify the maintenance policy for an example system.

- Understand the structure of cost models, how recurring and non-recurring costs are included in cost estimation and how these may vary through the differing phases of the Lifecycle.

- Have examined and critiqued the major types of cost model to determine the implications of support decisions on LCC and informing Design & Support related decisions.

- Understand the use of cost models to determining budgeting requirements for Through Life Cost and the contractual implications of LCC, TLC, WLC and LORA.

ILS and Supportability Engineering Management

AllanWebb

Course Overview:

This Workshop on ILS and Supportability Management and implementation provides the delegate with a comprehensive understanding of the principles of ILS Management and the requirements found in today's procurement programmes. It considers the underlying objectives, risks and reasoning underpinning ILS Programmes. The course discusses the application of the latest MOD and commercial acquisition policies, directives, analyses and the most appropriate methods for successful implementation. The course centres around structured case studies illustrating the application of the various ILS and Supportability tasks and requirements, their timely application and associated risk factors.

Is this course for me?

For existing ILS Practitioners who wish to develop knowledge of the ILS related management activities, tasks, risks and responsibilities that occur throughout the lifetime of a programme. This course is endorsed by the Chartered Institute of Logistics and Transport (CILT) and contributes to Continuing Professional Development (CPD) hours.

Course Outline

The objective of the Workshop is to expand the scope of the understanding of the attendees to include those essential aspects of identification, definition and formalisation of ILS and LSA and support requirements from the start of the concept phase in the acquisition process through in-service support. Run as a mixture of learning and workshop activities, attendees, who should already have knowledge of ILS, will spend a significant amount of time discussing alternative approaches in small groups, proposing their favoured solutions and evaluating alternatives suggested by other course participants. This course has been shown to be both extremely useful and thought-provoking for participants including not only Project Managers, Technical Directors and ILS Managers, but also those involved in preparing invitations to tender and the tender response for contract in which Integrated Logistics/Product Support Analysis requirements are included. Those wishing to complement their existing knowledge in this area also benefit.

Training Delivery Options:

Open Public Classroom Course: 5 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 5 Days

The Chartered Institute of Logistics and Transport | Endorsed Centre

Course Modules:

Module 1: ILS Objectives & Management.

Module 2: ILS Management and Planning.

Module 3: System Effectiveness, Cost Effectiveness and Related Disciplines.

Module 4: ILS, LSA, Progressive Assurance and Standards and Related Disciplines.

Modules 5 & 6: Programme Planning Exercise.

Module 7: Life Cycle Costing and Modelling.

Module 8: Cost Estimation.

Module 9: Case Studies - Discussion and Exercises.

Module 10: Q&A Workshop.

Supportability Engineering, Logistic Support Analysis (LSA) and Product Support Analysis

AllanWebb

Course Overview:

This course demonstrates how the timely and tailored application of these disciplines identifies and significantly mitigates project risk, lowering the acquisition and whole life cost of a project resulting in cost-effective and successful programmes.

Examples of the implementation of these essential principles across design, upgrade and off the shelf programmes for both hardware and software together with the varying terminology used within the discipline are considered. Practical exercises are included, focusing on key stages and decision points in a projects life. Relevant standards are discussed including Def-Stan 00-600 and ASD 3000L alongside useful relevant standards and commercial practises.

The principles and issues are relevant to defence, aerospace, utilities management, the petro-chem industry and all engineering and process based industry.

Training Delivery Options:

Open Public Classroom Course: 5 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 5 Days

The Chartered Institute of Logistics and Transport | Endorsed Centre

> " The course very much met my expectations.
>
> Delegate Marshall ADG Sept 2021

Course Outline:

Module 1: Systems Engineering Concepts, Supportability and Related Disciplines

Module 2: LSA Processes, Tailoring & Standards

Module 3: Management Planning and Control of the LSA Process

Module 4: Supportability Objectives and the Identification and Development of Requirements

Modules 5 & 6: Identification and Evaluation of Alternative Solutions

Module 7: Identification & Development of Logistics Support Resources

Module 8: Assuring Support Through Life

Module 9: Supportability Assessment

Is this course for me?

This course is ideal for support engineering, design engineers, systems engineers, reliability engineers and ILS managers who require clear insight into the benefits, tasks and application of LSA/Product Support Analysis considerations. It is also beneficial for those who are either new to or whose roles interface with the support of a product or system and who require a realistic understanding of the significance of the tasks involved within a programme.

The course is endorsed for Continuing Professional Development by The Chartered Institute of Logistics and Transport.

Reliability Centred Maintenance

AllanWebb

Course Overview:

An intensive, hands-on course of instruction, into all facets of Reliability Centred Maintenance. The course presents a no-nonsense approach to applying the latest techniques for development of a cost-effective Scheduled Maintenance Programme. Students participate in syndicates to complete a series of exercises in performance of RCM decision criteria, cost-benefit analysis and Maintenance Schedule Development.

Is this course for me?

This course is relevant to Reliability Engineers, ILS and Supportability Engineers, LSA Engineers, AR&M Engineers, Support Engineers and managers.
This course is endorsed by the Chartered Institute of Logistics and Transport (CILT) and contributes to Continuing Professional Development (CPD) hours.

Training Delivery Options:

Open Public Classroom Course: 3 Days
Delta by Marriott, Cheltenham Chase,
Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 3 Days

The Chartered Institute of Logistics and Transport | Endorsed Centre

Course Outline

Module 1: RCM Programme

- Introduction to RCM
- History of RCM
- Definitions
- Maintenance and Support Philosophy
- Overview of RCM
- Attributes of RCM
- RCM Standards
- Reliability
- Failure Patterns

Module 2: RCM Process

- MSG-3 Objectives
- Input Requirements
- Operating Context
- Functional System Definition
- Functional Partitioning
- Allocating Assets to Functions

Module 3: Assessing RCM Cost Effectiveness

- Determining the cost of RCM
- Determining the cost of no RCM
- Balancing the Results

Module 4: Spares Holdings

- Sparing Determination
- Anticipatory Sparing
- Spares Modelling
- Operational Availability

Module 5: FMECA – Functionally Significant Items (FSIs)

- Identification of Failure Modes & Effects
- Criticality of Failures
- Safety Assessment
- Minimum Mission Essential Functions

Module 6: FMECA – Structurally Significant Items (SSIs)

- Fatigue Damage (FD)
- Accidental Damage (AD)
- Environmental Deterioration (ED)
- Criticality of Failures
- Damage Modes

Module 7: RCM Logic Application

- MSG-3
- Def Stan 00-045
- ASD S4000P

Module 8: Task Rationalisation & Maintenance Schedules

- Task Frequency
- Certification Maintenance Requirements
- Task Rationalisation
- Maintenance Schedule Preparation

Module 9: RCM Implementation

- RCM Analysis Team
- Buyer & Seller Responsibilities
- Contracting for an RCM Study
- RCM and Warranties
- RCM and COTS Items

Module 10: RCM for In-Service Systems

- Validating the RCM Programme
- Using In-Service Data
- Through Life Management

MPAS Expert

Course Overview:
Allan Webb is the only Training Provider approved by UK MoD Defence Packing Authority. UK MoD have sanctioned the material as compliant with MPAS 2 and the material is accredited to IOM3.

This course takes place on the student's site to take account of individual packaging requirements which are assessed individually against MPAS regulations.

Pre Course Requirements
This course must be preceded by the MPAS Practitioner course on Page 17, integrated exercises and followed by three months of practical experience. This course takes place on the student's site to take account of individual packaging requirements which are assessed individually against MPAS regulations.

Is this course for me?
This course is for those requiring training prior to the submission of their portfolio of work to the MPAS Management Board for consideration of the award of Designer Certification.

Course Outline:
MPAS is designed to ensure that where Military Level Packaging is specified, it is designed and manufactured in compliance with all the relevant Defence Standards. This course is relevant to those involved in designing packaging for potential use by the military.

The MPAS scheme is audited as part of a company's ISO9001 certification and only MPAS Certified Designers can submit a Service Packaging Instruction (SPIS) design to be used within the JSC. On completion of this course the student's portfolio of work is submitted to the MPAS Management Board for consideration of the award of the Design Certificate.

Training Delivery:
On-site: 4 Days

Systems Engineering Across the Life Cycle

AllanWebb

Course Overview:

A comprehensive introduction to the principles of Systems Engineering thinking across the life cycle, from concept through development and operation to disposal. It applies a range of tools and techniques that are fundamental to the design, development, verification and operation of systems at all levels, and is equally applicable for use for the planning and management of changes within organisations and infrastructure.

Is this course for me?

This course is suitable for anyone involved in developing systems or managing them through the life cycle from concept to disposal; Systems Engineers, Project Engineers, Supportability Engineers, Project and Programme Managers, or Engineering Managers - within industry, government or military organisations.

Course Outline

The course uses a mixture of theory and practical methods, supported by class discussion, case studies and workshops. It utilises experience from a range of sectors including Aerospace, Defence, Naval Maritime and Nuclear which personnel involved in developing systems and solutions, or customers looking to acquire systems can apply and evaluate.

The objective of the course is to provide an introduction to systems thinking from the life cycle view, hence the content will cover how life cycle considerations for manufacture, support and disposal can be integrated in to the initial requirements and development of a system.

The course also considers the challenges and techniques associated with Design change and Configuration Management, Certification and Obsolescence Management and the relationship to Quality, Standards and Governance.

Training Delivery Options:

Open Public Classroom Course: 3 Days
Delta by Marriott, Cheltenham Chase, Shurdington Road, Brockworth, Gloucester GL3 4PB.

On-site: 3 Days

Team Based Workshop:

Students will also complete a team-based workshop over the three days to take them through stages of planning to develop a system, using experience from real development programmes, which delegates will present on the final day.

ASD S Series Overview Course

Course Overview:

The course delivers an overview of the ASD / AIA S Series Specifications. The course will enable the learner to describe the contents of the S Series, where it would be applied and the benefits of using the S Series of Specifications. The course explores the aspects of Supportability that the S Series covers including Integrated Product Support, Product Support Analysis, Material Management and Training and explores the data management of these aspects of product support management.

Is this course for me?

This course is applicable to both public and private sector personnel involved in delivering supportability. It is applicable to service delivery managers, project managers, equipment support managers, Integrated Logistic Support (ILS) engineers, technical through life support managers, commercial and contract managers.

Training Delivery Options:

Open Public Classroom Course: 5 Days
Delta by Marriott, Cheltenham Chase,
Shurdington Road, Brockworth, Gloucester GL3 4PB.
On-site: 5 Days

Session One

The S Series – What is it and why would I need it for developing and implementing Support?

This session will introduce the S Series, application of the S Series and how it has been developed and managed.

Session one will also discuss the use of the SX series as transversal specifications for input data and how they relate to the S Series. The learners begin by exploring the use of SX1000i as part of the series of specifications, and the benefits of using SX000i to guide the Support Programme.

Session Two

S1000D. The International Specification for Technical Publications using a Common Source Database.

Session two will focus on S1000D and the application of the Specification for Technical Documentation as part of the Supportability programme. We will discuss the benefits and interoperability and potential for integration with other areas of the specification.

Session Three

S2000M. The International Specification for Material Management. Integrated Data Processing.

This session will provide an overview of the content and the application of the S2000M Specification and the transversal S2000X, Input data specification for S2000M. The interoperability and potential for data sharing and integration will be discussed, and explored as part of the Case Study Exercise.

Session Four

S3000L. International Specification for Logistic Support Analysis (Product Support Analysis)

One of the cornerstones of any Supportability Programme will be the application of support analysis to ensure that the product meets all supportability requirements, and is safe and effective for use. This session will provide an overview of the S3000L and associated S3000X, Input data specification for S3000L. We will discuss on how S3000L can be tailored and applied to any product, culminating with application to our case study as a group discussion.

Session Five

S4000P. International Specification for Developing and Continuously Improving Preventative Maintenance.

S4000P and the associated Input data specification for S4000P, S4000X provide a framework for the planning, tailoring and application of activities and analytical process for the development and application of maintenance activities for a given product.

Session Six

S5000F. The International Specification for In-Service Feedback

In Service Feedback is often seen as an unnecessary task, or as burdensome, yet it can be an excellent source of information to enable support decisions, to reduce the burden on the user and to develop support or engineering efficiencies from. This session provides an overview of S5000F, its application through life and the potential uses of the data that can be gathered.

Session Seven

S6000T. The International Specification for Training Analysis and Design.

Training of some kind is almost always inevitable for any new product, whether it is a handbook, a youtube video, or a physical training course, to ensure the safe and effective use of most products some kind of instruction or training will be required. This session will explore S6000T and the associated S6000X, the Input data specification for S6000T.

Session Eight

Exercise and ASD-STE100 Simplified Technical English

In Session 8 we will discuss the associated ASD-STE100 and the application of Simplified Technical English to products. The aim of Simplfied Technical English is to ensure that common understanding of technical and project aspects is applied to all of our product development.

Session Nine

The Benefits of the S Series.

Following a recap of the main points of the S Series of Specifications and a run through of the Case Study to date, Session 9 will be based around a led discussion on tailoring of the S Series to projects, the benefits of the S Series, the application to product delivery and how they can influence supportability.

Session Ten

Wash Up and Q&A

To complete the week we will conduct a recap of the topics and host an open question session.

ASDS3000L Logistic Support Analysis Introduction

Course Overview:

ASD S3000L defines the requirements for the configuration management, the analysis activities and the Data Model for information exchange that underpin the performance of the Logistic Support Analysis tasks when they are applied to complex, technical systems across the life cycle.

These tasks, which govern the performance of Logistic Support Analysis, underpin the broad discipline of Integrated Logistic Support (ILS) or Integrated Product Support (IPS) as it is increasingly known. The course is delivered live, in a "virtual classroom" environment through interactive CISCO Webex Training and discusses the key areas of the Standard and includes a hands-on exercise applying the Standard to a realistic case study.
The format of this course allows for maximum information to be presented while allowing for questions, discussions, and in-class examples and exercises to maximise the students overall learning experience.

Training Delivery:

Virtual Classroom: 2 x 3 hour sessions in 1 Day
Our online courses are hosted using our Webex Training Platform.

Is this course for me?

Those who wish to gain familiarity with the content and application of AIA/ASD S3000L. This course suitable for those involved in ILS/Integrated Product Support or who interface with it and wish to have an understanding of the requirements defined in ASD/AIA 3000L and the opportunity to apply it to a case study.

AIA/ASD S6000T Overview (Training Analysis & Design)

AllanWebb

Course Overview:

ASD S6000T is the International specification for training analysis and design. The course provides an overview of the Standard, discussing its definition of the process for performing a Training Needs Analysis.

We consider the definition of training requirements, learning objectives and how to develop a training curriculum. In common with all the S-Series Standards it also identifies the data model for information exchange with the other S-Series specifications.

Training Delivery:

Virtual Classroom: 2 x 3 hour sessions in 1 Day
Our online courses are hosted using our Webex Training Platform.

Is this course for me?

Those who are considering constructing a Training Needs Analysis either in accordance with this Standard or who wish to follow the "ADDIE" model, either as the analyst or the commissioner or reviewer of the analysis.

Introduction To Obsolescence Management e-Learning

AllanWebb

Course Overview:

This e-Learning course provides an introduction to the Obsolescence Management Process.

The course will take between 2.5 hrs and 4 hrs in duration depending on the students existing knowledge and background.

Is this course for me?

For those looking to obtain a basic understanding of the processes surrounding Obsolescence Management.

Course Outline:

After completing this course you will be able to:

*   **Understand the Obsolescence and Management Process.**
*   **Describe OM Definitions.**
*   **Understand what drives obsolescence.**
*   **Explain the impacts of OM.**
*   **Describe OM as a function.**
*   **Understand OM Governance and explain it as a function.**
*   **Define OM Standards.**
*   **Understand the need for OM Strategy and Planning.**
*   **Recognise the need for OM contracting requirements in the supply chain and the associated risks.**
*   **Describe the risk-based approach to OM.**
*   **Explain the options for mitigation and resolution with OM.**
*   **Understand the interfaces within OM, including Legislative impacts, ROHS, Reach and Counterfeit.**
*   **Understand Counterfeit Components.**

e-Learning Platform

This course will take place on our Learning Management System (LMS). Students will be provided access to this site upon payment.

Offers On Bulk Packages:

We understand the need to mix and match e-learning training packages and can offer bulk discounts to help ease your training budget. Call one of our training team to find out how this works.

+44 (0)1453 824 581
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MPAS Practitioner e-Learning

Course Overview:

Allan Webb is the only Training Provider approved by MoD Defence Packing Authority. MoD have sanctioned the material as compliant with MPAS 2 and the material is accredited to IOM3.

This training consists of a series of e-Learning modules providing a base knowledge of Def Stan 81-41 and the Service Packaging Instruction (SPIS) design process. The modules take between 14 and 20 hours to complete.

e-Learning Platform

This course will take place on our Learning Management System (LMS). Students will be provided access to this site upon payment.

Is this course for me?

This course is for those requiring knowledge of the requirements of Military Packaging i.a.w. DEF Stan 81-41 and who have input into the design process.

Course Outline:

MPAS is designed to ensure that where Military Level Packaging is specified, it is designed and manufactured in compliance with all the relevant Defence Standards. This course is relevant to those involved in designing packaging for potential use by the military.
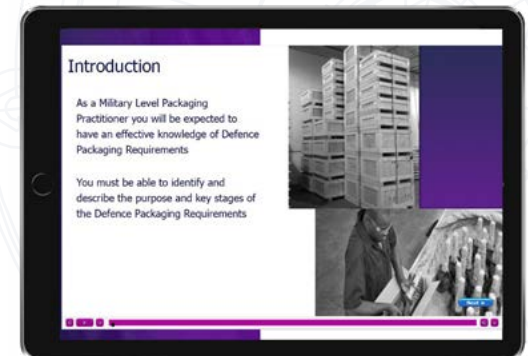
The MPAS scheme is audited as part of a company's ISO9001 certification. (NB only MPAS Certified Designers can submit a Service Packaging Instruction (SPIS) design to be used within the Joint Support Command. In order to receive the MPAS Certificate the MPAS Expert Course must also be completed (see page 15). The portfolio of work is then submitted to the MPAS Management Board for consideration of the award of the Design Certificate).

Completion of this e-learning module allows you access on to the MPAS expert course on page 15.

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AllanWebb

Course Overview:

This e-Learning will allow participants to gain an understanding of the management of the support process throughout the life of a product or project.

The course will take between 3 hrs and 4 hrs in duration depending on the students existing knowledge and background.

Is this course for me?

This course is for Technical specialists/Managers and team members who have a need to have a high-level understanding of what the Supportability elements are, why they are important and the importance of integration during design and development.
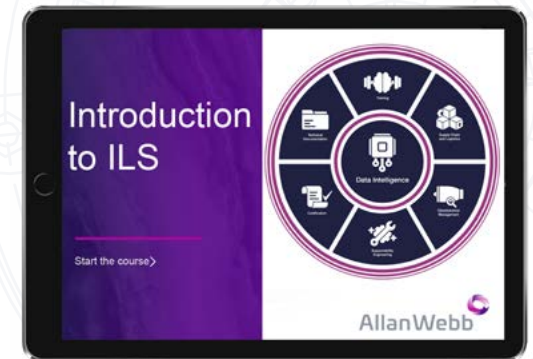
Course Outline:

After completing this course you will have an end to end understanding of ILS/PLS as a function. You will:

- Understand the fundamentals of ILS - why it is done, what it achieves and who delivers it where and when.
- Understand what is the governance of ILS/PSA and why it is needed.
- Know which standards relate to these processes.
- Have an overview of the ILS Elements.
- Understand the interfaces with and between ILS/PLS
- Understand the need for configuration, software and safety.
- Understand the requirement for the timely application of ILS/PLS elements at crucial project phases.
- Understand the difference in Design for Support and Support the Design.
- Understand and recognise the need for Supplier Management in ILS/PLS.
- Understand the roles and responsibilities that may be needed for ILS/PLS, including specialist skills.

e-Learning Platform

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Bespoke Training Courses

Fit training around your needs

Allan Webb offers bespoke courses to meet the needs of our clients. If our public course offerings are not quite what you are looking for, please get in touch with a member of our team to discuss your requirements. From mixing and matching modules from existing courses, to arranging on-site or in-house sessions for large groups on a convenient date, Allan Webb works with our clients to ensure that their experience is suited to their needs.

Global Reach

We have delivered online and classroom based courses across the world to clients in New Zealand, Indonesia, Singapore, Canada and many at sites within Europe. Recently we have delivered courses through Webex to reach clients in Canada and Japan, accommodating the different time zones. You can receive our e-Learning and Webex-based courses wherever you have an Internet connection.

For more information and to discuss your training needs email us on **training@allanwebb.co.uk or call us on +44(0)1453 824 581.**

" The course exceeded my expectations
MoD DE&S - OM Public Course Sept 2020 held in classroom under COVID measures