AllanWebb

Obsolescence Management

Integrated Logistics Support

Supportability Engineering

Public Training Courses

JANUARY TO DECEMBER 2020

- *Systems Engineering*
- *Availability, Reliability and Maintainability*
- *LSA, Product Support Analysis & Supportability Analysis*
- *LCC, LoRA & Support Related Costing*
- *ILS and Supportability Engineering Management*
- *Reliability Centred Maintenance*
- *In Service Support*
- *NATO Codification*
- *Obsolescence Management*
- *Military Packagers Approval Scheme*

ALSO: IN-HOUSE TRAINING COURSES

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Remaining competitive, spending money wisely and providing effective systems quickly and without waste are the aims of industry and government. Focusing on the ‘cradle to grave’ support of any programme means influencing the design to build in reliability, drive down cost and ensure the effectiveness of the system. The real savings come from Supportability Engineering.

See our course calendar on the back cover

Course Details for 2020

Reliability Centred Maintenance

3 Day Course 23 – 25 November 2020

Presented by:
David Warner

Is it for me?
Reliability Engineers, ILS and Supportability Engineers, LSA Engineers, AR&M Engineers, Support Engineers and Managers.

What will I learn?
The latest techniques for applying a cost effective scheduled maintenance programme. Syndicate based exercises practising RCM decision criteria, cost-benefit analysis and maintenance schedule development. The RCM process, FMECA, cost effectiveness, implementation of RCM and RCM in service.

LCC, LoRA & Support Related Costing

5 Day Course 6 – 10 July 2020

Presented by:
Stephen Hunt

Is it for me?
Bid preparation and project review 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.

What will I learn?
The course addresses the principles, terminology and reasoning behind the quantification of Programme costs and in particular the identification and generation of Support related costs. It considers the types of costs and the economic principles associated with costing including the time value of money. The course considers and discusses varying approaches to quantifying cost and the modelling techniques that can be applied for cost estimation and how the resulting decision models function. The use of costing as an aid to determine appropriate Levels of Repair is also addressed and supported by practical exercises to illustrate the key principles. These exercises utilise delegate derived Cost Estimating Relationships for aspects such as spares scaling and training costs. These practical exercises prepare the delegate to not only be able to select, use and validate LCC, TLC, WLC and LORA models but also to evaluate and critique the results of other costing models that may be submitted to them by suppliers. The principles and approaches discussed are relevant to Defence, Aerospace, Utilities Management, Petro-chem and all engineering and Process Industries.

ILS and Supportability Engineering Management

5 Day Course

Presented by:
Stephen Hunt

29 June – 3 July 2020
30 November – 4 December 2020

Is it for me?

Existing ILS and Support Engineers working towards a management role, ILS Managers and Programme Managers who wish to have knowledge of the management of the tasks and responsibilities relating to ILS throughout the life of a programme.

What will I learn?

How to manage programmes from an ILS perspective through life and how to consider project priorities from the perspective of both decider and provider. Groups work through a series of representative case studies derived from realistic Capability requirements, discussing and performing the planning of the support tasks relevant to different types of programmes. The course establishes the key principles and techniques required to effectively manage a comprehensive Support Programme and provides the delegates with opportunities for the presentation, critiquing and discussion of proposed solutions. The principles and approaches discussed are relevant to Defence, Aerospace, Utilities Management, Petro-chem and all engineering and Process Industries.

Availability, Reliability and Maintainability

5 Day Course

Presented by:
Stephen Hunt

8 – 12 June 2020
5 – 9 October 2020

Is it for me?

AR&M Engineers and Managers, ILS and Supportability Engineers and Design Engineers wishing to expand their understanding of these principles.

What will I learn?

The application of AR&M in the design and development of equipment and systems and their role as major cost drivers in Through Life considerations and commitments. The course addresses the general principles, terminology and application including: current policy and best practice; the need and use of mission profiles; allocations and predictions; practical approaches for data collection and analysis and the approaches to verification testing with the associated benefits and shortcomings. All the AR&M activities are discussed from a decider and also a purchaser's standpoint. Realistic practical examples and exercises are used throughout to illustrate key aspects. The principles and approaches discussed are relevant to Defence, Aerospace, Utilities Management, Petro-chem and all engineering and Process Industries.

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NATO Codification Training

One Day Awareness Course

1 Day Course

Available on request

Presented by:
Ian Smith

Is it for me?
Aimed at users of the NATO Codification System (NCS).

What will I learn?
This training covers the aims, objectives and structure of the NCS, creation of the Codification record, and interfaces with the Supply Chain.

Five Day Practitioner Course

5 Day Course

Available on request

Presented by:
Ian Smith

Is it for me?
Aimed at Codification Engineers requiring practical knowledge of the end-to-end NATO Codification process.

What will I learn?
In-depth practical operation of the Codification requirement including obtaining source data, use of software Codification, E-tasking, tracking Codification requests and maintaining existing NSNs. Includes overview of ISO 8000 and Waterguard.

To book your place or for more details, visit **allanwebb.co.uk** or Email: **training@allanwebb.co.uk**

Military Packagers Approval Scheme Training

5 Day Course

Available on request

Presented by:
Ian Smith

Is it for me?

The Military Packagers Approval Scheme (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 aimed at those looking to design packaging for potential use by the Military.

What will I learn?

The scheme is audited as part of a company's ISO 9001 certification and only MPAS Certified Designers can submit a Service Packaging Instruction Sheet (SPIS) design to be used within the JSC.

The course is split into two sections. The first is the Practitioner course, consisting of a series of Computer Based Training (CBT) modules providing a base knowledge of Def Stan 81-41 and the SPIS design process.

Next is a four day Expert course which is classroom-based, measuring the delegate's ability to design a SPIS for a variety of items in accordance with Def Stan 81-41.

Completion of the Practitioner course is a pre-requisite for attendance at the Expert course.

On completion of both the Practitioner and Expert course, a portfolio of work is then presented to the MPAS Management Board for consideration of the award of Designer Certification.

The Military Level Packaging Experts course delivered by Allan Webb meets the requirements for branding as an approved course by PIABC. MPAS has now been formally recognised by the Institute of Materials, Minerals and Mining (IoM3). All future successful MPAS graduates will be able to apply for IoM3 membership and have their achievement in successfully passing MPAS augmented with "Accredited Military Packaging Professional (AMPkgPrf)" post-nominal.

See our course calendar on the back cover

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In-Service Support

3 Day Course 10 – 12 November 2020

Presented by:
Katie Renton

Is it for me?

This course is applicable to both public and private sectors involved in delivering the In-Service support to systems and services. Relevant to Service Delivery Managers, Project Managers, Equipment Support Managers, ILS Engineers, Technical Through Life Support Managers and commercial and Contract Managers.

What will I learn?

How to approach and mitigate common issues that impact on In-Service support contracts, such as changes to operational requirements and extensions to Out of Service dates. How to establish the extent of the change and how it impacts on Operational Availability, reducing Cost of Ownership and Through Life Costs. Contractual issues, setting, monitoring and validating KPI data, maintaining sound configuration management, obsolescence management, disposal and implementing change will be discussed.

LSA, Product Support Analysis & Supportability Analysis

5 Day Course 27 April – 1 May 2020
7 – 11 September 2020

Presented by:
Stephen Hunt

Is it for me?

Ideal for Support Engineers, Design Engineers, Systems Engineers, Reliability Engineers. Also, those new to or who interface with Support Engineering who need to have a realistic understanding of its significance within a programme.

What will I learn?

The course illustrates how the timely and tailored application of this family of analyses (LSA, PSA and SA) is fundamental to cost effective and successful programmes. The essential principles and underlying objectives of these processes are discussed together with the varying terminology found within the discipline. The application of the LSA, PSA and SA process to identify and manage risk and to lower acquisition and whole life costs are considered from the perspective of decider and provider. This includes the implementation methods of LSA, PSA and SA for design, upgrade and off the shelf programmes and for both hardware and software. Def Stan 00-600 is discussed alongside ASD 3000L and other relevant standards and current commercial practices.
The principles and approaches discussed are relevant to Defence, Aerospace, Utilities Management, Petro-chem and all engineering and Process Industries.

To book your place or for more details, visit **allanwebb.co.uk** or Email: **training@allanwebb.co.uk**

Obsolescence Management Training

Endorsed iiom TRAINER

One Day Awareness Course

1 Day Course — **Available on request**

Presented by:
Stuart Kelly

Is it for me?

This 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.

What will I learn?

The course will explore the origins of obsolescence and what continues to drive the need for managing obsolescence risk to equipment. We will look at the relevant International, NATO and British Standards and policies that have been published by major customers. This will be followed by a high level look at what constitutes an Obsolescence Management Policy and an Obsolescence Management Plan. Other subjects covered are contractual issues, legislation and the main factors that affect the risk from obsolescence and the major methods of mitigating the risk and resolving obsolescence issues.

Three Day Practitioner Course

3 Day Course

20 – 22 April 2020
21 – 23 September 2020

Presented by:
Stuart Kelly

Is it for me?

This 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.

What will I learn?

The course will show how to understand the future cost of resolving obsolescence issues, the implications of ignoring the obsolescence risk and will also give practical experience of Obsolescence Management. We will look in detail at the elements of an Obsolescence Management Strategy and an Obsolescence Management Plan using workshops and syndicate exercises. Other subjects covered include contractual issues, legislation and what tools are available. We will cover the main factors that affect obsolescence risk and the methods of mitigating this risk and resolving obsolescence issues.

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IIOM Certificate

4 Day Course

Presented by:
Stuart Kelly

20 – 23 April 2020
21 – 24 September 2020

Is it for me?

This course is specifically designed to provide a student with a high level of understanding of Obsolescence Management knowledge, understanding and practice in preparation for the Associate IIOM examination which the student will be expected to sit on completion of the instructional elements of the course.

What will I learn?

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.

The course will show how to understand the future cost of resolving obsolescence issues, the implications of ignoring the obsolescence risk and will also give practical experience of Obsolescence Management. We will look in detail at the elements of an Obsolescence Management Strategy and an Obsolescence Management Plan using workshops and syndicate exercises. Other subjects covered include contractual issues, legislation and what tools are available. We will cover the main factors that affect obsolescence risk and the methods of mitigating this risk and resolving obsolescence issues.

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Systems Engineering

3 Day Course

Presented by:
Patrick Williams

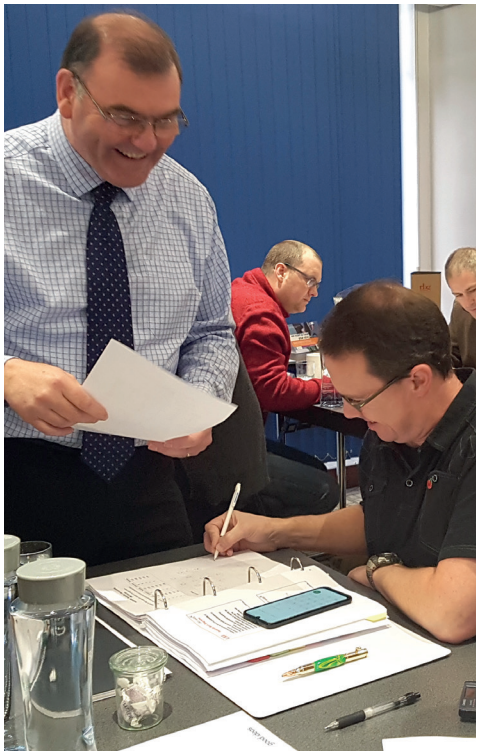
19 – 21 May 2020
15 – 17 September 2020

Is it 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.

What will I learn?

Systems thinking is a fundamental in any engineering programme. The approach is equally applicable in organisation management and change. This course provides a comprehensive overview of techniques for assessing systems issues, requirements engineering and specifications, tools to define, develop and verify systems, technology management, systems risk management, integrated systems engineering approaches for manufacture, support, operations and disposal, quality and governance, configuration and obsolescence management and its application in organisation changes. The course provides lectures, case studies and workshops combining theory, experience and exercises.



Book your place

Email: **training@allanwebb.co.uk**

We require: The name and contact details of delegate (including their email address) and details of who and where to invoice.

We accept credit and debit cards. Please do not email card details.

If you would like information about local hotels, please email or call us and we will be pleased to help.

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In-house Courses

We can come to you!

We travel extensively presenting courses on-site for our clients. We will tailor the training material to be exactly as you want it and focus on your priorities and projects. It is an opportunity to include more people on the course as it is in their workplace, and everyone is learning together.

Our pricing for an in-house course is based on the number of days the training will take. You provide a suitably equipped training room and we provide the trainer and the material for an agreed number of delegates.

All of the classroom pictures were taken on courses we held in 2019. Thank you to all the course delegates who have allowed us to use their image in this brochure.

To book your place or for more details, visit **allanwebb.co.uk** or Email: **training@allanwebb.co.uk**

Public Training Courses 2020

Course Title	Duration	Dates	Course Fee
Obsolescence Management Practitioner	3 Days	20 - 22 April 2020	£980 + VAT
Obsolescence Management including IIOM Certificate	4 Days	20 – 23 April 2020	£1,475 + VAT
LSA, Product Support Analysis & Supportability Analysis	5 Days	27 April - 1 May 2020	£1,700 + VAT
Systems Engineering	3 Days	19 – 21 May 2020	£1,140 + VAT
Availability, Reliability and Maintainability	5 Days	8 – 12 June 2020	£1,700 + VAT
ILS and Supportability Engineering Management	5 Days	29 June – 3 July 2020	£1,700 + VAT
LCC, LoRA & Support related Costing	5 Days	6 – 10 July 2020	£1,700 + VAT
LSA, Product Support Analysis & Supportability Analysis	5 Days	7 – 11 September 2020	£1,700 + VAT
Systems Engineering	3 Days	15 – 17 September 2020	£1,140 + VAT
Obsolescence Management Practitioner	3 Days	21 – 23 September 2020	£980 + VAT
Obsolescence Management Including IIOM Certificate	4 Days	21 – 24 September 2020	£1,475 + VAT
Availability, Reliability and Maintainability	5 Days	5 – 9 October 2020	£1,700 + VAT
In-Service Support	3 Days	10 – 12 November 2020	£1,140 + VAT
Reliability Centred Maintenance	3 Days	23 – 25 November 2020	£1,140 + VAT
ILS and Supportability Engineering Management	5 Days	30 November – 4 December 2020	£1,700 + VAT

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