ALPS

Course
Catalog

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MESSAGE FROM THE DIRECTOR:

As the Director of Acquisition Logistics and Product Support, I seek to maintain a high-quality logistics workforce in the face of shifting organizational priorities as well as technological and cultural changes.

A major enabler to the directorate's mission is the professional development of the workforce. I envision professional development not simply as training, a means of keeping up-to-date, or a way to build a career. I see professional development as part of lifelong learning; a means of gaining career security; a means of personal development; a means of assuring the public that individual professionals are up-to-date; a method whereby professional associations can verify competence; and a way of providing the Marine Corps a competent and adaptable acquisition workforce.

Training is one of the key functions of the ALPS directorate and one of my top priorities. As a key function in support of my vision, ALPS provides robust training on each of the integrated support element and a myriad of product support topics and areas. These courses range from basic "101" courses that provide an overall comprehension of the support element, to in-depth 200- and 300- level classes that provide greater detail on a specific topic, process or reference. I am confident that this training will benefit the target audience of all MCSC and PEO-LS members regardless of competency, seeking information on the principles of product support.

Please use this catalog to support your own individual professional development plans.

Sincerely,
Dr. Jason Hamilton

Courses:

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PSM | Product Support Management

Product Support Management is a key life cycle management enabler. It is the package of support functions required to deploy and maintain readiness and operational capability of major weapons systems, sub-systems, and components including all functions related to weapons systems readiness.

The scope of product support management planning and execution includes the enterprise level integration of all 12 product support elements throughout the product or system's lifecycle.

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PSM 101 | *Product Support Management*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Product Support Management Integrated Product Support Element.

OBJECTIVES

- Understand how to develop and implement product support strategies to ensure supportability is considered throughout a system's life cycle
- Understand how to balance the performance outcomes of reliability, availability, maintainability, and reduced total ownership costs while integrating the 12 product support elements

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- PSM 201
- PSM 203
- PSM 202
- PSM 204

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Product Support Management

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PSM 201 | *Life Cycle Sustainment Plan*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in developing and tailoring Life Cycle Sustainment Plans for any program.

OBJECTIVES

- Understand how to develop and tailor LCSP for any program.
- Understand how utilize the LCSP to influence operational readiness.

> *"Very good overview of the LCSP. Recommend this course for those new to the PM Competency."*
> *-PSM 201 Student*

4 SESSION TYPE

- In-Person
- Virtual
- Computer based (2 CLPs)

✔ RELATED COURSES

- PSM 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of the Life-Cycle Sustainment Plan

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PSM 202 | *Independent Logistics Assessment*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in conducting an Independent Logistics Assessment (ILA).

OBJECTIVES

- The purpose of the ILA, statutory and regulatory requirements
- The formation and duties of the ILA Team
- The Independent Logistics Assessment Criteria
- Utilization of the ILA Tool to assess, report and mitigate sustainment risks throughout the life cycle of the program

4 SESSION TYPE

- In-Person
- Virtual
- Computer based (1 CLP)

✔ RELATED COURSES

- PSM 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of conducting an Independent Logistics Assessment

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PSM 203 | *Logistics Requirements & Funding Summary*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the basic requirements of the Logistics Requirements and Funding Summary.

OBJECTIVES

- Understand requirements for an LRFS
- Identify sources of information required to complete an LRFS
- Understand LRFS output utilization and documentation

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- PSM 101
- PSM 302
- PSM 301

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles of the Logistics Requirements and Funding Summary

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PSM 204 | *Fielding*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in the planning, execution, and evaluation of the Fielding of new systems and equipment.

OBJECTIVES

- Understand the Fielding Decision Process.
- Understand how to prepare the Fielding Decision Package.
- Understand the purpose, organization, and elements of the Fielding Plan.

"Worth the time no matter ones experience level!"
-PSM 204 Student

4 SESSION TYPE

- In-Person
- Virtual
- Computer based (1 CLP)

RELATED COURSES

- PSM 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Total Package Fielding and the development of the Fielding Plan

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PSM 301 | *LRFS Cost Estimating Tool*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the basic requirements and functionality of the LRFS Cost Estimating Tool.

OBJECTIVES

- Understand how to produce and update an LRFS using the LRFS CET
- Complete practical exercises utilizing the LRFS CET

6 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- PSM 101
- PSM 203
- PSM 302

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the production and update of an LRFS

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PSM 302 | *Advanced LRFS Cost Estimating Tool*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the advanced requirements and functionality of the LRFS Cost Estimating Tool.

OBJECTIVES

- Build on the basic LRFS knowledge imparted in PSM 203
- Expand on skills developed in PSM 301
- Maximize the functionality of the LRFS CET
- Learn to provide programs with the most detailed and accurate cost estimates

6 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- PSM 101
- PSM 203
- PSM 301

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the production and update of an LRFS

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DI | *Design Interface*

Design Interface is the integration of the quantitative design characteristics of systems engineering (reliability, maintainability, etc.) with the functional logistics/IPS. Design Interface reflects the driving relationship of system design parameters to product support resource requirements.

DI 101 | *Intro to Design Interface*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Design Interface Integrated Product Support Element.

OBJECTIVES

- Understanding design influence to Systems Engineering.

- Understanding how Design Interface relates to all Integrated Product Support Elements

4 SESSION TYPE

- In-Person
- Virtual
- Computer Based

RELATED COURSES

- MPM 201
- SEN 101
- PHST 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Design Interface

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FAC | Facilities & Infrastructure

Facilities and infrastructure consists of the permanent and semi-permanent real property assets and infrastructure required to support a system, including studies to define types of facilities and infrastructure, or facility and infrastructure improvements, location, space needs, environmental and security requirements, and equipment. It includes facilities and infrastructure for training, equipment storage, maintenance, supply storage, ammunition storage, and so forth.

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FAC 101 | *Facilities & Infrastructure*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Facilities and Infrastructure Integrated Product Support Element.

OBJECTIVES

- Understand all relevant Facilities & Infrastructure requirements
- Planning and management for product facilities and infrastructure

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- MPM 201
- SEN 101
- DI 101
- PHST 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Facilities and Infrastructure

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ITSCS

Information Technology Systems Continuous Support

Information Technology Systems Continuous Support (ITSCS) is vital to support MCSC operations and they are instrumental to the Portfolio and Program Managers to meet program objectives. IT Systems are embedded in the weapons, ground stations, and support equipment used by the Warfighter and require continuous support to ensure maximum effectiveness in a rapidly adaptive environment.

ITSCS 101

Information Technology Sys. Continuous Support

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Information Technology Systems Continuous Support Integrated Product Support Element.

OBJECTIVES

- Understand ITSCS strategy
- Implement ITSCS throughout the product life cycle

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- ITSCS 201
- ITSCS 202

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Information Technology Systems Continuous Support

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ITSCS 102 | *Information Technology Sys. Continuous Support*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Information Technology Systems Continuous Support Integrated Product Support Element.

OBJECTIVES

- Understand ITSCS strategy
- Implement ITSCS throughout the product life cycle

4 SESSION TYPE

- Computer Based

RELATED COURSES

- ITSCS 201
- ITSCS 202

TARGET AUDIENCE

- All Acquisition workforce members on the principles and requirements of Information Technology Systems Continuous Support

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ITSCS 201 | *Fundamentals of IT Procurement*

COURSE DESCRIPTION

This course is designed to build on the information in ITSCS 101 and assist the acquisition workforce in understanding how Information Technology systems are procured and managed.

OBJECTIVES

- Develop a foundational understanding of the Marine Corps IT Procurement process
- Understand product ordering
- Understand contracting, finance, birthing, deployment, technical refresh, and helpdesk support of IT Systems

6 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- ITSCS 101
- ITSCS 202

TARGET AUDIENCE

- All Acquisition workforce members involved with incorporating IT Procurement planning and supportability requirements throughout the acquisition life cycle

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ITSCS 202 | *Software Procurement & Sustainment*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding how to procure and sustain new software, and how to assess current software investments to determine how to sustain aging legacy systems.

OBJECTIVES

- Understand the role software plays in the Marine Corps
- Understand how to procure new software
- Plan for sustainment during the acquisition phase
- Develop a software sustainment strategy

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- ITSCS 101
- ITSCS 201

TARGET AUDIENCE

- All Acquisition workforce members involved with incorporating software procurement and sustainment requirements throughout the acquisition life cycle

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MPM | *Maintenance Planning & Management*

Maintenance Planning and Management establishes maintenance concepts and strategies for the life of the product and/or system from both the hardware and software component perspectives.

MPM 101 | *Maintenance Planning & Management*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Maintenance Planning and Management Integrated Product Support Element.

OBJECTIVES

- Develop and implement strategies for Maintenance Planning
- Develop a Maintenance Management Strategy

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- MPM 201
- MPM 203
- DI 101
- SEN 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Maintenance Planning & Management

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MPM 201 | *Depot Requirements Determination and Reporting*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding Depot Requirements Determination and Reporting.

OBJECTIVES

- Understand how to determine if a depot maintenance strategy is required
- Execute a depot maintenance approach
- Understand requirements for depot maintenance reporting

4

SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- MPM 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles of Depot Requirements Determination and Reporting

MPM 202 | *The Relationship between CBM+ and RCM*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the interactive relationship between Condition Based Maintenance Plus (CBM+) and Reliability Centered Maintenance (RCM).

OBJECTIVES

- Understand basic principles of CBM+ and how it relates to RCM
- Understand foundation of CBM+ strategy
- Implement RCM into CBM+
- Understand the distinct differences between CBM+ (the strategy) and CBM (one of several outputs of an RCM analysis)

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SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- MPM 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the relationship between CBM+ and RCM

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MPT | *Manpower, Personnel & Training*

Manpower & Personnel involves the identification and acquisition of personnel (military and civilian) with the skills and grades required to operate, maintain, and support systems over their lifetime. Early identification is essential. If the needed manpower is an additive requirement to existing manpower levels of an organization, a formalized process of identification and justification must be made to higher authority.

MPT 101 | *Manpower, Personnel & Training*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Manpower, Personnel & Training Integrated Product Support Element.

OBJECTIVES

- Execute MPT tasks by identifying, planning, resourcing and acquiring military, civilian and contractors
- Understand knowledge, skills, abilities and training strategies necessary to procure and train for operating, maintaining, and sustaining equipment/systems throughout its life cycle

12 SESSION TYPE

- In-Person
- Virtual
- Computer based (8 CLPs)

RELATED COURSES

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Manpower, Personnel and Training

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PHST

Packaging, Handling, Storage and Transportation

Packaging, Handling, Storage and Transportation (PHS&T) is the combination of resources, processes, procedures, design considerations, and methods to ensure that all system, equipment, and support items are preserved, packaged, handled, and transported properly, including environmental considerations, equipment preservation for the short and long term storage, and transportability.

PHST 101
Packaging, Handling, Storage and Transportation

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Packaging, Handling, Storage and Transportation Support Element.

OBJECTIVES

- Determine PHS&T requirements
- Develop and document a PHS&T strategy

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- PSM 101

TARGET AUDIENCE

- All Acquisition workforce members on the principles and requirements of Packaging, Handling, Storage and Transportation

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SS | *Supply Support*

Supply support consists of the management actions, procedures and techniques necessary to acquire, catalog, receive, store, transfer, issue and dispose of spares, repair parts, and supplies. Supply support includes provisioning for initial support, as well as acquiring, distributing, and replenishing inventories as reflected in the supply chain management strategy.

SS 101 | *Supply Support*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Supply Support Integrated Product Support Element.

OBJECTIVES

- Understand the Supply Support Process
- Implement Supply Support solutions

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- SS 201
- SS 203

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Supply Support

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SS 201 | *Disposal Process*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the basic requirements of the Disposal Process.

OBJECTIVES

- Execute the MCSC Disposal Process
- Generate and provide input to documentation
- Facilitate the removal of Weapon Systems from inventory

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- SS 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Disposal

SS 203 | *Provisioning*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the basic requirements of Provisioning.

OBJECTIVES

- Train and familiarize the use of Provisioning techniques, processes and procedures from cradle to grave

3 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- SS 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Provisioning

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SE | *Support Equipment*

Support equipment consists of all equipment (mobile or fixed) required to support the operation and maintenance of the system. It includes but is not limited to associated multi use end items, ground handling and maintenance equipment, tools metrology and calibration equipment, test equipment and automatic test equipment. It also includes the support for the support equipment itself.

Support
Equipment

Sustaining
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SE 101 | *Support Equipment*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Support Equipment Integrated Product Support Element.

OBJECTIVES

- Understand the Support Equipment processes and requirements
- Develop and document Support Equipment Strategy

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- PSM 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Information Support Equipment

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SEN | *Sustaining Engineering*

Sustaining Engineering involves the identification, review, assessment, and resolution of deficiencies throughout a system's life cycle. Sustaining Engineering both returns a system to its baselined configuration and capability, and identifies opportunities for performance and capability enhancement.

SEN 101 | *Sustaining Engineering*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Sustaining Engineering Integrated Product Support Element.

OBJECTIVES

- Understand Sustaining Engineering requirements
- Understand proactive and reactive readiness activities
- Identify in-service system deficiency

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- SEN 202
- DI 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Sustaining Engineering

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SEN 201 | *Configuration Management for Supportability*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the basic requirements of Configuration Management for Supportability.

OBJECTIVES

- Execute Configuration Status Accounting (CSA) tasks
- Understand support of Fielding and Post Fielding Sustainment
- Understand MARCORSYSCOM (MCSC) Configuration Management Process

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- DI 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles of Configuration Management for Supportability.

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SEN 202 | *Diminishing Manufacturing Sources & Material Shortage*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the basic requirements of Diminishing Manufacturing Sources and Material Shortage.

OBJECTIVES

- Define DMSMS
- Understand proactive and reactive cost readiness
- Define DMSMS predictive tools
- Understanding Key Resolution Cost Elements

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- SEN 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of DMSMS

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TD | Technical Data

Technical Data is recorded information, regardless of the form or method of the recording, of a scientific or technical nature, including computer software documentation. Technical Data for weapon systems include drawings, specifications, standards, and other details necessary to ensure the adequacy of item performance, as well as manuals that contain instructions for installation, operation, maintenance, and other actions required to support the weapon system. Technical Data does not include project or administrative types of information (e.g., financial, schedules, plans, and cost information) or transactional data.

TD 101 | *Intro to Technical Data*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Technical Data Integrated Product Support Element.

"Course provided a great overview of having a comprehensive strategy for technical data."
-TD 101 Student

OBJECTIVES

- Defining Data
- Understanding the relationship between Technical Data and the IPS Elements
- Developing acquisition program-specific Technical Data requirements
- Discuss strategies of how to obtain data

4 SESSION TYPE

- In-Person
- Virtual

✓ RELATED COURSES

- TD 102
- TD 201
- TD 202
- TD 203
- TD 204

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Technical Data

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TD 102 | *Intro to Technical Data and Technical Data Resources*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the Technical Data Integrated Product Support Element.

OBJECTIVES

- Defining Data
- Understanding the relationship between Technical Data and the IPS Elements
- Developing acquisition program-specific Technical Data requirements
- Discuss strategies of how to obtain data

2 SESSION TYPE

- Computer based

RELATED COURSES

- TD 101
- TD 201
- TD 203
- TD 203
- TD 204

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Technical Data

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TD 201 | *Technical Publications*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding the basic requirements of the Technical Publications.

> *"Although I have been doing logistics for 11 years, this pubs class was the most interesting and the instructor interacted with the students very well which made them feel comfortable since most of the class had entry level participants."*
> -TD 201 Student

OBJECTIVES

- Understand Marine Corps policies for the acquisition of Technical Publications
- Identify the types and definitions of Technical Publications
- Describe the Technical Publications process

4 SESSION TYPE

- In-Person
- Virtual

RELATED COURSES

- TD 101

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Technical Publications

Tech Data

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Supply Support

Support Equipment

Sustaining Engineering

Tech Data

TD 203 | *Logistics Product Data/SAE GEIA STD 0007C*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding Logistics Product Data and how it is documented and formatted.

OBJECTIVES

- Understanding Logistics Product Data
- Understanding SAE GEIA STD 0007C
- Understanding Logistics Product Data entities pertaining to an acquisition program

SESSION TYPE

4

- In-Person

RELATED COURSES

- TD 101
- TD 202
- TD 102
- TD 204
- TD 201

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles of Logistics Product Data

TD 204 | *Intellectual Property/ Data Rights*

COURSE DESCRIPTION

This course is designed to assist the acquisition workforce in understanding Intellectual Property and Data Rights.

OBJECTIVES

- Understanding Technical Data References
- Defining Intellectual Property
- Understanding Types of Data Rights
- Understanding Rights Restrictions
- Creating a Technical Data/Intellectual Property Strategy

SESSION TYPE

4

- In-Person
- Virtual

RELATED COURSES

- TD 101
- TD 202
- TD 102
- TD 203
- TD 201

TARGET AUDIENCE

- All Acquisition workforce members seeking further comprehension of the principles and requirements of Intellectual Property and Data Rights

ALPS

PSM

Design Interface

Facilities & Infrastructure

ITSCS

MP&M

Manpower & Personnel

PHS&T

Supply Support

Support Equipment

Sustaining Engineering

Tech Data

ALPS

PSM

Design Interface

Facilities & Infrastructure

ITSCS

MP&M

Manpower & Personnel

PHS&T

Supply Support

Support Equipment

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Additional Training

Additional training available to the workforce.

ALPS

PSM

Design Interface

Facilities & Infrastructure

ITSCS

MP&M

Manpower & Personnel

PHS&T

Supply Support

Support Equipment

Sus Engi

Joint Electronics Type Designation Automatic Systems

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COURSE OVERVIEW

Teaches how to use JETDAS for all DD Form 61 nomenclature (items name and type designator) request of unclassified electronic materiel. Understand how JETDAS Nomenclature is properly administered and controlled; serves as a viable tool for both identification of electronic materiel and configuration management; provides identification of electronic materiel type similarities and significant differences; and is sufficiently flexible and broad in scope to be applicable to present and future electronic materiel.

Logistics Data Interpretation

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COURSE OVERVIEW

Taught by a Defense Logistics Agency Logistics Information Services (DLA-LIS) instructor, and provides the fundamentals and technical knowledge necessary to read and understand National Stock Number (NSN) and related data elements contained within a Total Item Record (TIR). The FLIS TIR will be analyzed and interpreted using standard DLA-LIS products and services.

Interpreting Engineering Drawings

8

COURSE OVERVIEW

In-depth discussion of the structure and "language" of engineering drawings. As well as discussion on detail, control, and assembly drawings, and how all drawings are used in provisioning and cataloging/procurement.

ALPS

PSM

Design
Interface

Facilities &
Infrastructure

ITSCS

MP&M

Manpower &
Personnel

PHS&T

Supply
Support

Support
Equipment

Marine Interactive Computer Aided Provisioning Systems

28

COURSE OVERVIEW

Teaches the basics of MICAPS and the process flow of provisioning data throughout the Initial Provisioning Process (IIP).

TDM Catalyst 101

2

COURSE OVERVIEW

This course will provide an overview and familiarization of the TDM-Catalyst application.

• Computer-based

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ALPS

PSM

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Personnel

PHS&T

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Equipment

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