CHAPTER 3

TACTICAL DATA SYSTEMS ADMINISTRATOR/5974 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

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CHAPTER 3

TACTICAL DATA SYSTEMS ADMINISTRATOR/5974
INDIVIDUAL TRAINING AND READINESS REQUIREMENTS

3.0 TACTICAL DATA SYSTEMS ADMINISTRATOR (TDSA) / 5974 INDIVIDUAL TRAINING AND READINESS REQUIREMENTS. This T&R Syllabus is based on specific goals and performance standards designed to ensure individual proficiency in Core and Mission Skills. The goal of this chapter is to develop individual and unit warfighting capabilities.

3.1 5974 TRAINING PROGRESSION MODEL. This model represents the recommended training progression for the average TDSA (5974)) crewmember. Units should use the model as a point of departure to generate individual training plans.

5974
TRAINING PROGRESSION MODEL

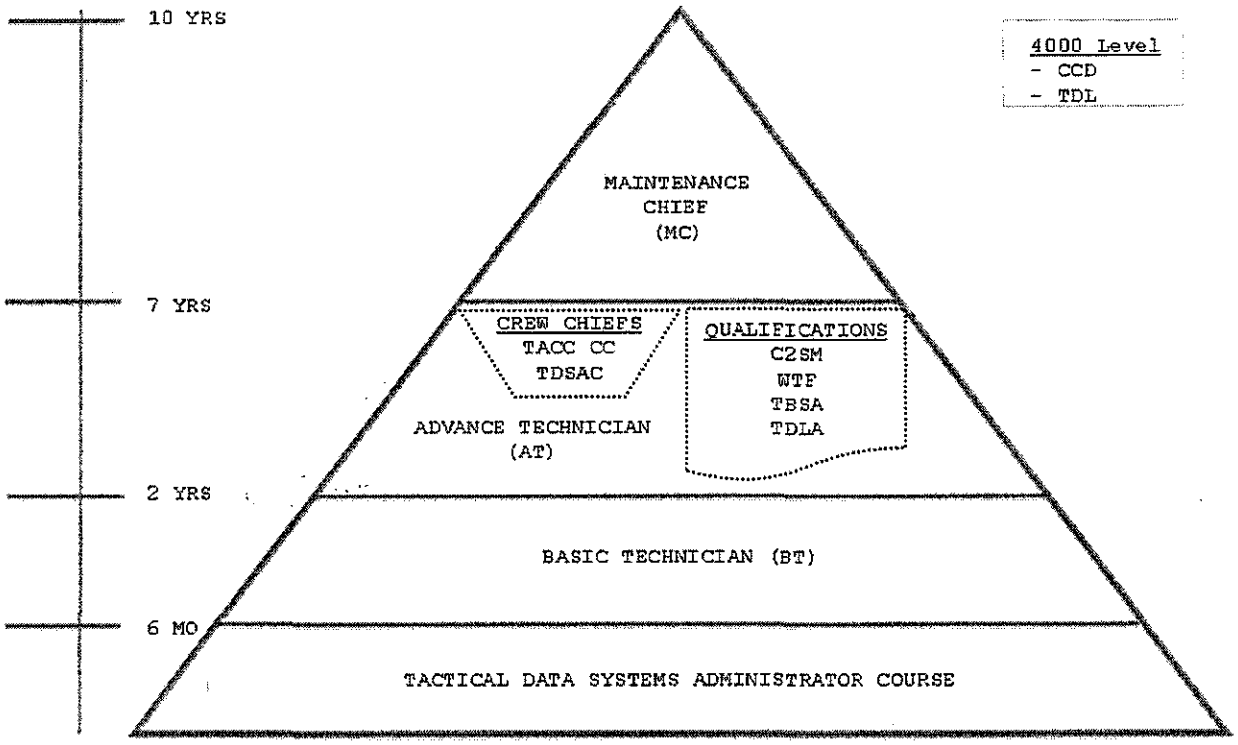

Figure 3-1. Tactical Data Systems Administrator (TDSA) (MOS 5974) Training Progression Model

3.2 ABBREVIATIONS

MTACS MAINTENANCE MOS 5974	
CORE/MISSION/CORE PLUS SKILL ABBREVIATIONS	
CORE SKILL (2000 Phase)	
SHEL	SHELTERS
NET	NETWORK
AFATD	ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM
IOS	INTELLIGENCE OPERATION SERVER
TBMCS	THEATER BATTLE MANAGEMENT CORE SYSTEM
ADPE	AUTOMATED DATA PROCESSING EQUIPMENT
CDLS	COMMUNICATION DATA LINK SYSTEM
COC	COMBAT OPERATIONS CENTER
LMSMT	LINK MANAGEMENT SYSTEM--MULTI TADIL
TMDE	TEST MEASUREMENT DIAGNOSTIC EQUIPMENT
PMCM	PREVENTIVE MAINTENANCE/CORRECTIVE MAINTENANCE
CD	COLLATERAL DUTIES
COMSEC	COMMUNICATION SECURITY
FAM	FAMILIARIZATION
MMGT	MAINTENANCE MANAGEMENT
OMGT	OPERATIONS MANAGEMENT
ORGS	ORGANIZATIONAL STRUCTURE
MISSION SKILL (3000 Phase)	
TACCOPS	TACC OPERATIONS
TACCINF	TACC INFRASTRUCTURE
CORE PLUS (4000 Phase)	
CCD	COMMON CONNECTIVITY DEVICE
INSTRUCTOR (5000 Phase)	
BI	BASIC INSTRUCTOR
SI	SENIOR INSTRUCTOR
WTI	WEAPONS AND TACTICS INSTRUCTOR
CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)	
C2SM	COMMAND AND CONTROL SYSTEMS MANAGER
WTF	WAN TECHNICAL FACILITATOR
TBSA	THEATER BATTLE MANAGEMENT CORE SYSTEM ADMINISTRATOR
TDLA	TACTICAL DATA LINK ADMINISTRATOR
TDSABT	TACTICAL DATA SYSTEMS BASIC ADMINISTRATION TECHNICIAN
TDSAAT	TACTICAL DATA SYSTEMS ADVANCED ADMINISTRATION TECHNICIAN
TDSAC	TACTICAL DATA SYSTEMS ADMINISTRATION CHIEF
TACCMC	TACTICAL AIR COMMAND CENTER MAINTENANCE CHIEF

3.3 DEFINITIONS

TERM	DEFINITION
Core Model	The Core Model is the basic foundation or standardized format by which all T&Rs are constructed. The Core model provides the capability of quantifying both unit and individual training requirements and measuring readiness. This is accomplished by linking community Mission Statements, Mission Essential Task Lists, Output Standards, Core Skill Proficiency Requirements and Combat Leadership Matrices
Core Skill	Fundamental, environmental, or conditional capabilities required to perform basic functions. These basic functions serve as tactical enablers that allow crews to progress to the more complex Mission Skills. Primarily 2000 Phase events but may be introduced in the 1000 Phase.
Mission Skill	Mission Skills enable a unit to execute a specific MET. They are comprised of advanced event(s) that are focused on MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness developed during Core Skill training. 3000 Phase events.
Core Plus Skill	Training events that can be theater specific or that have a low likelihood of occurrence. They may be Fundamental, environmental, or conditional capabilities required to perform basic functions. 4000 Phase events.
Core Plus Mission	Training events that can be theater specific or that have a low likelihood of occurrence. They are comprised of advanced event(s) that are focused on Core Plus MET performance and draw upon the knowledge, aeronautical abilities, and situational awareness. 4000 Phase events.
Core Skill Proficiency (CSP)	CSP is a measure of training completion for 2000 Phase events. CSP is attained by executing all events listed in the Attain Table for each Core Skill. The individual must be simultaneously proficient in all events within that Core Skill to attain CSP.
Mission Skill Proficiency (MSP)	MSP is a measure of training completion for 3000 Phase events. MSP is attained by executing all events listed in the Attain Table for each Mission Skill. The individual must be simultaneously proficient in all events within that Mission Skill to attain MSP. MSP is directly related to Training Readiness.
Core Plus Skill Proficiency (CPSP)	CPSP is a measure of training completion for 4000 Phase "Skill" events. CPSP is attained by executing all events listed in the Attain Table for each Core Plus Skill. The individual must be simultaneously proficient in all events within that Core Plus Skill to attain CPSP
Core Plus Mission Proficiency (CPMP)	CPMP is a measure of training completion for 4000 Phase "Mission" events. CPMP is attained by executing all events listed in the Attain Table for each Core Plus Mission. The individual must be simultaneously proficient in all events within that Core Plus Mission to attain CPMP

3.4 INDIVIDUAL CORE/MISSION/CORE PLUS SKILL PROFICIENCY REQUIREMENTS

3.4.1 Management of individual CSP/MSP/CPSP/CPMP serves as the foundation for developing proficiency requirements in DRRS.

3.4.2 Individual CSP is a "Yes/No" status assigned to an individual by Core Skill. When an individual attains and maintains CSP in a Core Skill, the individual counts towards CMMR Unit CSP requirements for that Core Skill.

3.4.3 Proficiency is attained by individual Core/Mission/Core Plus skill where the training events for each skill are determined by POI assignment.

3.4.4 Once proficiency has been attained by Core/Mission/Core Plus Skill (by any POI assignment) then the individual maintains proficiency by executing those events noted in the maintain table and in the "Maintain POI" column of the T&R syllabus matrix. An individual maintains proficiency by individual Core/Mission/Core Plus Skill.

Note

Individuals may be attaining proficiency in some Core/Mission/Core Plus Skills while maintaining proficiency in other Core/Mission/Core Plus Skills.

3.4.5 Once proficiency has been attained, should one lose proficiency in an event in the "Maintain POI" column, proficiency can be re-attained by demonstrating proficiency in the delinquent event. Should an individual lose proficiency in all events in the "Maintain POI" column by Core/Mission/Core Plus Skill, the individual will be assigned to the Refresher POI for that Skill. To regain proficiency for that Core/Mission/Core Plus Skill the individual must demonstrate proficiency in all R-coded events for that Skill.

Note
See Chapter 2 for amplifying information on POI updating.

MTACS MAINTENANCE MOS 5974					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
CORE SKILL (2000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
SHEL	2000	SHEL		SHEL	
	2005				
	2010				
	2015				
	2020R		2020R		2020R
	2025R		2025R		2025R
NET	2030R	NET	2030R	NET	2030R
	2035R		2035R		2035R
	2040R		2040R		2040R
	2045R		2045R		2045R
AFATD	2050	AFATD		AFATD	
	2055				
	2060R		2060R		2060R
	2065R		2065R		2065R
IOS	2075	IOS		IOS	
	2080R		2080R		2080R
	2085R		2085R		2085R
	2090R		2090R		2090R
TBMCS	2100	TBMCS		TBMCS	
	2102R		2102R		2102R
	2104R		2104R		2104R
	2106R		2106R		2106R
	2108R		2108R		2108R
	2110R		2110R		2110R
	2112R		2112R		2112R
	2114R		2114R		2114R

MTACS MAINTENANCE MOS 5974					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
	2116R		2116R		2116R
	2118R		2118R		2118R
	2120R		2120R		2120R
	2122R		2122R		2122R
	2124R		2124R		2124R
	2126R		2126R		2126R
ADPE	2130	ADPE		ADPE	
	2132R		21OMGT-32R		21OMGT-32R
	2134R		2134R		2134R
	2136				
	2138R		2138R		2138R
	2140R		2140R		2140R
CDLS	2150	CDLS		CDLS	
	2152				
	2154R		2154R		2154R
	2156R		2156R		2156R
	2158R		2158R		2158R
	2160R		2160R		2160R
COC	2170	COC		COC	
	2172R		2172R		2172R
	2174R		2174R		2174R
	2176R		2176R		2176R
LMSMT	2180	LMSMT		LMSMT	
	2182R		2182R		2182R
	2184R		2184R		2184R
	2186R		2186R		2186R
TMDE	2200	TMDE		TMDE	
	2225				
	2240				
PMCM	2400	PMCM		PMCM	
	2405				
	2475				
	2480				
	2485				
CD	2500	CD		CD	
	2505				

MTACS MAINTENANCE MOS 5974					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
	2510				
	2515				
	2520				
	2525				
	2530				
	2535				
	2540R		2540R		2540R
	2545				
	2600R		2600R		2600R
	2605R		2605R		2605R
COMSEC	2610R	COMSEC	2610R	COMSEC	2610R
	2615R		2615R		2615R
	2620R		2620R		2620R
	2655				
FAM	2660R	FAM	2660R	FAM	2660R
	2665				
	2700				
	2702				
	2704				
	2706R		2706R		2706R
	2708				
	2710R		2710R		2710R
	2712R		2712R		2712R
	2714R		2714R		2714R
	2716				
	2718				
MMGT	2720R	MMGT	2720R	MMGT	2720R
	2722R		2722R		2722R
	2724				
	2726				
	2728R		2728R		2728R
	2730R		2730R		2730R
	2732				
	2734				
	2736				
	2738				
	2740				

MTACS MAINTENANCE MOS 5974					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
	2742				
	2744				
	2746R		2746R		2746R
	2748R		2748R		2748R
	2750				
	2752				
	2754				
	2756				
	2802				
	2804				
	2806R		2806R		2806R
	2830R		2830R		2830R
	2832R		28OMGT-32R		28OMGT-32R
	2834				
	2836				
	2838R		2838R		2838R
	2840R		2840R		2840R
	2842R		2842R		2842R
	2844				
	2846				
	2848R		2848R		2848R
OMGT	2850R	OMGT	2850R	OMGT	2850R
	2852R		2852R		2852R
	2854R		2854R		2854R
	2856R		2856R		2856R
	2858R		2858R		2858R
	2860R		2860R		2860R
	2862R		2862R		2862R
	2864R		2864R		2864R
	2866R		2866R		2866R
	2868R		2868R		2868R
	2870R		2870R		2870R
	2872R		2872R		2872R
	2874R		2874R		2874R
	2876R		2876R		2876R
ORGS	2900	ORGS		ORGS	

MTACS MAINTENANCE MOS 5974					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
	2905				
	2910				
	2915				
	2920				
	2925				
	2930				
	2935				
	2940				
	2945				
	2950R		2950R		2950R
MISSION SKILL (3000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
	DEPL-3005R		3005R		3005R
	DEPL-3010R		3010R		3010R
	MMGT-3100				
	MMGT-3105R		3105R		3105R
	MMGT-3110				
	OMGT-3204R		OMGT-3204R		OMGT-3204R
	OMGT-3206R		OMGT-3206R		OMGT-3206R
	OMGT-3208R		OMGT-3208R		OMGT-3208R
	OMGT-3210R		OMGT-3210R		OMGT-3210R
	OMGT-3212R		OMGT-3212R		OMGT-3212R
	OMGT-3214R		OMGT-3214R		OMGT-3214R
	OMGT-3216R		OMGT-3216R		OMGT-3216R
TACCOPS	OMGT-3218R	TACCOPS	OMGT-3218R	TACCOPS	OMGT-3218R
	OMGT-3222R		OMGT-3222R		OMGT-3222R
	OMGT-3224R		OMGT-3224R		OMGT-3224R
	OMGT-3226R		OMGT-3226R		OMGT-3226R
	OMGT-3228R		OMGT-3228R		OMGT-3228R
	OMGT-3230R		OMGT-3230R		OMGT-3230R
	OMGT-3232R		OMGT-3232R		OMGT-3232R
	OMGT-3234R		OMGT-3234R		OMGT-3234R
	OMGT-3236R		OMGT-3236R		OMGT-3236R
	OMGT-3238R		OMGT-3238R		OMGT-3238R
	OMGT-3240R		OMGT-3240R		OMGT-3240R
	OMGT-3242R		OMGT-3242R		OMGT-3242R
	OMGT-3244R		OMGT-3244R		OMGT-3244R

MTACS MAINTENANCE MOS 5974					
ATTAIN AND MAINTAIN CORE/MISSION/CORE PLUS PROFICIENCY MATRIX BY POI					
ATTAIN PROFICIENCY				MAINTAIN	
BASIC POI		REFRESHER POI		PROFICIENCY	
TACCINF	DEPL-3005R	TACCINF	DEPL-3005R	TACCINF	DEPL-3005R
	DEPL-3010R		DEPL-3010R		DEPL-3010R
	MMGT-3100				
	MMGT-3105R		MMGT-3105R		MMGT-3105R
	MMGT-3110				
	OMGT-3204R		OMGT-3204R		OMGT-3204R
	OMGT-3206R		OMGT-3206R		OMGT-3206R
	OMGT-3208R		OMGT-3208R		OMGT-3208R
	OMGT-3210R		OMGT-3210R		OMGT-3210R
	OMGT-3212R		OMGT-3212R		OMGT-3212R
	OMGT-3214R		OMGT-3214R		OMGT-3214R
	OMGT-3216R		OMGT-3216R		OMGT-3216R
	OMGT-3218R		OMGT-3218R		OMGT-3218R
	OMGT-3222R		OMGT-3222R		OMGT-3222R
	OMGT-3224R		OMGT-3224R		OMGT-3224R
	OMGT-3226R		OMGT-3226R		OMGT-3226R
	OMGT-3228R		OMGT-3228R		OMGT-3228R
	OMGT-3230R		OMGT-3230R		OMGT-3230R
	OMGT-3232R		OMGT-3232R		OMGT-3232R
	OMGT-3234R		OMGT-3234R		OMGT-3234R
	OMGT-3236R		OMGT-3236R		OMGT-3236R
	OMGT-3238R		OMGT-3238R		OMGT-3238R
	OMGT-3240R		OMGT-3240R		OMGT-3240R
	OMGT-3242R		OMGT-3242R		OMGT-3242R
	OMGT-3244R		OMGT-3244R		OMGT-3244R
CORE PLUS (4000 Phase)					
STAGE	CODE	STAGE	CODE	STAGE	CODE
CCD	4005	CCD		CCD	
	4010R		4010R		4010R
	4015R		4015R		4015R
	4020R		4020R		4020R
	4025R		4025R		4025R
	4030R		4030R		4030R
"S" PREFIX AND BLUE FONT = SIMULATOR EVENT					
"R" SUFFIX AND GREY HIGHLIGHT = R-CODED "REFRESHER" EVENT					

3.5 REQUIREMENT, CERTIFICATION, QUALIFICATION AND DESIGNATION TABLES. The tables below delineate T&R events required to be completed to attain proficiency for select certifications, qualifications and designations. In addition to event requirements, all required stage lectures, briefs, squadron training, prerequisites, and other criteria shall be completed prior to completing final events. Certification, qualification and designation letters signed by the commanding officer shall be placed in training Performance Records and NATOPS. See Chapter 6 of the Aviation T&R Program Manual on regaining lost qualifications.

3.5.1 Instructor Designations

MTACS MAINTENANCE MOS 5974 INSTRUCTOR DESIGNATIONS (5000 Phase)	
INSTRUCTOR DESIGNATION	**EVENTS**
BASIC INSTRUCTOR (BI)	5000, 5010, 5020
SENIOR INSTRUCTOR (SI)	5100, 5110, 5120, 5130, M-SHARP FORMAL TRAINING, 6240
WEAPONS AND TACTICS INSTRUCTOR (WTI)	SCHL 6000

3.5.2 Requirements, Certifications, Qualifications, and Designations

MTACS MAINTENANCE MOS 5974 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (RCQD) (6000 Phase)	
RCQD	**EVENTS**
C2SM QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2130, 2132, 2134, 2136, 2138, 2140, 2170, 2172, 2174, 2176, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3228, 3230, 3234, 6475
WTF QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3222, 6480
TBSA QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3224, 6485
TDLA QUAL	2000, 2005, 2010, 2015, 2020, 2025, 2150, 2152, 2154, 2156, 2158, 2160, 2180, 2182, 2184, 2186, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 2714, 2728, 2744, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 3232, 3236, 6490
TDSBT QUAL	2000, 2500, 2520, 2535, 2722, 2756, 2806, 2836, 3208, 3210, 3212, 3242
TDSAT QUAL	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2750, 2752, 2754, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242
Basic Instructor (BI) DESG	5000, 5010, 5020
Senior Instructor (SI) DESG	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320
TDSACC DESG	2030, 2035, 2040, 2045, 2850, 3208, 3238, 3240, 8000, 8020
TACC MC DESG	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2530, 2535, 2540, 2600, 2605, 2610, 2615, 2620, 2708, 2710, 2712, 2714, 2722, 2738, 2804, 2806, 2832, 2836, 2838, 2840, 2850, 3005, 3100, 3105, 3110, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3218, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3238, 3240, 3242, 3244, 8060, 8080, MCI 0410, MCI 0414, SCHL-6020, SCHL-6021
SAFETY CD DESG	2500, 2525, 2530
HAZMAT CD DESG	2500, 2525, 2530
PUB CD DESG	2500, 2520
TRAINING CD DESG	2500
TOOLS CD	2500, 2515, 2545

DESG	
CAL CD DESG	2500, 2505, 2545, MCI 287
MOD CD DESG	2500, 2510, 2545
EMBARK CD DESG	2500, 2535, 2545
MIMMS CD DESG	2500, 2540, 2545, MCI 0410
QC CD DESG	2500

3.6 5974 PROGRAMS OF INSTRUCTION (POI). These tables reflect average time-to-train versus the minimum to maximum time-to-train parameters in the Training Progression Model.

3.6.1 Basic POI

MTACS MAINTENANCE 5974 BASIC POI		
WEEKS[1]	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
1-33	CORE SKILL INTRODUCTION TRAINING	MCCES
34-58	CORE SKILL TRAINING	TACTICAL SQUADRON
59-82	MISSION SKILL TRAINING	TACTICAL SQUADRON
83-88	CORE PLUS	TACTICAL SQUADRON

3.6.2 Refresher POI

MTACS MAINTENANCE MOS 5939 REFRESHER POI		
WEEKS[1]	PHASE OF INSTRUCTION	UNIT RESPONSIBLE
VARIES	CORE SKILL TRAINING	TACTICAL SQUADRON
VARIES	MISSION SKILL TRAINING	TACTICAL SQUADRON
VARIES	CORE PLUS	TACTICAL SQUADRON

NOTE 1: TRAINING DURATIONS VARIES BY POSITION BEING TRAINED. SEE PROGRESSION MODEL FOR NOTIONAL TRAINING TIMES.

3.7 SYLLABUS NOTES

3.7.1 Environmental Conditions Matrix.

Environmental Conditions

Code	Meaning
D	Shall be conducted during hours of daylight: (by exception - there is no use of a symbol)
N	Shall be conducted during hours of darkness, may be aided or unaided
N*	Shall be conducted during hours of darkness must be flown unaided
(N*)	May be conducted during hours of darkness – If conducted during hours of darkness must be flown unaided
(N)	May be conducted during darkness – If conducted during hours of darkness; may be flown aided or unaided
NS	Shall be conducted during hours of darkness – Mandatory use of Night Vision Devices
(NS)	May be conducted during darkness – If conducted during hours of darkness; must be flown with Night Vision Devices
Note – If the event is to be conducted in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

3.7.2 Device Matrix.

DEVICE	
Symbol	Meaning
L	Event shall be conducted live (conducted in the field/garrison, during an exercise, etc). Requires live (non-simulated) execution of the event.
L/S	Event performed live preferred/simulator optional.
S/L	Event performed in simulator preferred/live optional.
G	Ground/academic training. May include Distance Learning, CBT, lectures, self paced.
CBT	Computer Based Training
LAB	Laboratory
LEC	Lecture
CP	Command Post
TEN	Tactical Environment Network. Events designated as TEN require an approved tactical environment simulation capable of introducing both semi-autonomous threats and moving models controllable from the tactical operator station.
TEN+	Enhanced Tactical Environment Network. Events designated as TEN+ require an approved tactical environment simulation and at least one additional, networked, man-in-the-loop simulator to meet the training objectives. A moving model controlled from the operator station does not satisfy the man-in-the-loop requirement.
Note – If the event is to be flown in the simulator the Simulator Instructor shall set the desired environmental conditions for the event.	

3.7.3 Program of Instruction Matrix.

PROGRAM OF INSTRUCTION MATRIX		
Program of Instruction (POI)	Symbol	Aviation Ground
Basic	B	Initial MOS Training
Refresher	R	Return to community from non (MOS/Skill) associated tour
Maintain	M	All individuals who have attained CSP/MSP/CPP by initial POI assignment are re-assigned to the M POI to maintain proficiency.

3.7.4 Event Terms.

EVENT TERMS	
TERM	**DESCRIPTION**
Discuss	An explanation of systems, procedures, or tactics during the brief, exercise, or debrief. Student is responsible for knowledge of procedures.
Demonstrate	The description and performance of a particular event by the instructor, observed by the student. The student is responsible for knowledge of the procedures prior to the demonstration of a required event.
Introduce	The instructor may demonstrate a procedure or event to a student, or may coach the student through the maneuver without demonstration. The student performs the procedures or maneuver with coaching as necessary. The student is responsible for knowledge of the procedures.
Practice	The performance of a maneuver or procedure by the student that may have been previously introduced in order to attain a specified level of performance.
Review	Demonstrated proficiency of an event by the student.
Evaluate	Any event designed to evaluate team/crew standardization that does not fit another category.
E-Coded	This term means an event evaluation form is required each time the event is logged. Requires evaluation by a certified standardization instructor (NATOPS I, WTI, INST Evaluator etc.)

3.8 CORE SKILL INTRODUCTION PHASE (1000 Phase)

3.8.1 Purpose. To provide classroom entry-level instruction to develop the basic skills necessary to configure and manage tactical data links and joint range extension applications protocols as well establish secure intelligence links and configure the common center. This training is complete upon graduation from the Tactical Data Systems Administrator Course when the trainee is designated MOS 5974, Tactical Data Systems Administrator (TDSA).

3.8.2 General

3.8.2.1 Prerequisite. Be a graduate of the Basic Electronics Course (CID:M092721) and meet the requirement delineated in the MOS Manual.

3.8.2.2 Admin Notes. Tactical Data Systems Administrator Course, (CID: ???), MCCES, located in 29 Palms, CA. This program of instruction can be viewed at https://www.29palms.usmc.mil/tenants/mcces/mcceshome.asp

3.8.2.3 Stages. The following stages are included in the Core Skill Introduction Phase of training.

PAR NO.	STAGE NAME
3.8.3	TACTICAL DATA SYSTEMS ADMINISTRATOR (TDSA)

3.8.3 TACTICAL DATA SYSTEMS ADMINISTRATOR (TDSA) STAGE

3.8.3.1 Purpose. To train entry level personnel and lateral move NCOs in the duties of Tactical Data Systems Administration.

3.8.3.2 General

Prerequisite. Per the MOS Manual, MCO 1200.17.

Admin Notes. NONE.

Crew Requirements: NONE.

TDSA-1000 2.0 B L

Goal. Identify the function of a Marine Air Wing (MAW).

Requirement. Identify the following:

1. Organization of the MAW.
2. Six functions of Marine Aviation.

Performance Standard. Without the aid of reference, pass a written examination with 80% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. Marine Net EWS-Marine Air Command and Control Systems course code-7201A0

TDSA-1002 2.0 B L

Goal. Identify the functions of the Marine Air Command and Control Squadron (MACCS).

Requirement. Identify the following:

1. Function of the Tactical Air Command Center (TACC).
2. Function of the Tactical Air Operations Center (TAOC).
3. Function of the Early Warning and Control Detachment (EWC).
4. Function of the Marine Air Traffic Control Detachment (ATC).
5. Function of the Direct Air Support Center (DASC).
6. Function of the Unmanned Aerial System (UAS).
7. Primary mission of Low Altitude Air Defense (LAAD)BN.
8. Secondary mission of Low Altitude Air Defense (LAAD)BN.
9. Mission of Marine Wing Communication Squadron. (MWCS).

Performance Standard. Without the aid of reference, pass a written examination with 80% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. MCWP 3-25.5
4. MCWP 3-25.7
5. MCWP 3-25.8
6. MCWP 3-25.10
7. MCWP 3-42.1

TDSA-1004 2.0 B L

Goal. Identify TDSA duties at MACCS agencies.

Requirement. Identify the:

1. Tactical Data System (TDS) at each unit.

2. Responsibility of TDSA at each unit.

Performance Standard. Without the aid of reference, pass a written examination with 80% accuracy.

TDSA-1006 22.0 B L

Goal. Describe Defense Information Infrastructure Common Operating Environment (DII-COE) Windows based systems.

Requirement. Conduct the following:

1. Identify different versions of Windows.
2. Identify capabilities of Windows versions.
3. Describe the Windows file system.
4. Describe text editing with Microsoft products.
5. Describe the BIOS.
6. Explain the Windows boot process.
7. Describe the Windows administrative tools.
8. Describe RAID.
9. Describe on-board RAID controller.
10. Describe installation procedures for Windows Operating System.
11. Describe memory management on Windows systems.
12. Describe process management on Windows systems.
13. Describe procedures to create local users.
14. Describe procedures to create back-ups of Windows.
15. Describe procedures to recover Windows from backup.
16. Describe Windows script files.

Performance Standard. Without the aid of reference, pass a written examination with 80% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. DNS on windows 2000 ISBN #0-596-00230-0
4. Windows Server Cookbook ISBN #0-596-00633-0
5. Windows NT in a Nutshell ISBN #1-56592-251-4
6. Essential Windows NT ISBN #1-56592-274-3
7. TCP/IP Network Administration ISBN #1-56592-322-7
8. Active Directory ISBN #0-596-00466-4

TDSA-1008 28.0 B L

Goal. Manage DII-COE Windows based systems.

Requirement. Conduct the following:

1. Manipulate the Windows file system.
2. Set owner permissions on Windows objects.
3. Set file permissions on Windows objects.
4. Perform text editing with Microsoft Products.
5. Configure the BIOS.
6. Utilize Windows administrative tools.
7. Configure On board RAID controller.
8. Install Windows Operating System.

9. Manage memory on Windows systems.
10. Manage processes on Windows systems.
11. Manage local users.
12. Create Windows back-ups.
13. Perform recovery of Windows from backup.
14. Analyze Windows script files.
15. Edit Windows Script files.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. DNS on windows 2000 ISBN #0-596-00230-0
4. Windows Server Cookbook ISBN #0-596-00633-0
5. Windows NT in a Nutshell ISBN #1-56592-251-4
6. Essential Windows NT ISBN #1-56592-274-3
7. TCP/IP Network Administration ISBN #1-56592-322-7
8. Active Directory ISBN #0-596-00466-4

TDSA-1010 25.0 (*) B L

Goal. Describe DII-COE UNIX based systems.

Requirement. Conduct the following:

1. Identify different versions of UNIX.
2. Identify capabilities of different UNIX versions.
3. Describe the UNIX file system.
4. Describe UNIX shells.
5. Describe text editing with UNIX Software.
6. Describe the Solaris OpenBoot PROM.
7. Describe the Solaris boot process.
8. Describe UNIX administrative Tools.
9. Describe Installation of UNIX Operating System.
10. Describe memory management on UNIX systems.
11. Describe process management on UNIX systems.
12. Describe back-up procedures for UNIX.
13. Describe the recovery procedures for UNIX systems.
14. Describe unix script files.
15. Identify Linux similarities.
16. Identify Linux differences.
17. Describe local users accounts.

Performance Standard. Without the aid of reference, pass a written examination with 80% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. Unix in a Nutshell ISBN # 1-56592-001-5
4. Essential System Administration 3rd edition ISBN # 0-596-0034-9
5. Essential System Administration 2nd edition ISBN #0-937175-80-3
6. Essential System Administration ISBN # 0-937175-80-3
7. Solaris System Administration Guide 2nd edition ISBN 1-57870-40-x
8. Marine Net- Memory, Motherboards, and Processors course

code- 123905

TDSA-1012 44.0 (*) B L

Goal. Manage DII-COE UNIX based systems.

Requirement. Conduct the following:

1. Manipulate the UNIX file system.
2. Set owner permissions on UNIX objects.
3. Set file permissions on UNIX objects.
4. Utilize UNIX shells.
5. Perform text editing with UNIX Software.
6. Configure Solaris OpenBoot PROM.
7. Utilize UNIX administrative Tools.
8. Install UNIX Operating System.
9. Manage memory on UNIX systems.
10. Manage processes on UNIX systems.
11. Create back-ups for UNIX systems.
12. Perform recovery of UNIX from backup.
13. Analyze UNIX script files.
14. Edit UNIX Script files.
15. Manage local user accounts.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. Unix in a Nutshell ISBN # 1-56592-001-5
4. Essential System Administration 3rd edition ISBN # 0-596-0034-9
5. Essential System Administration 2nd edition ISBN #0-937175-80-3
6. Essential System Administration ISBN # 0-937175-80-3
7. Solaris System Administration Guide 2nd edition ISBN 1-57870-40-x
8. Marine Net- Memory, Motherboards, and Processors course code- 123905

TDSA-1014 22.0 (*) B L

Goal. Describe Tactical Data Systems (TDS) Networks.

Requirement. Conduct the following:

1. Identify Transfer Control Protocol/Internet Protocol (TCP/IP) layers.
2. Identify TCP/IP protocols.
3. Identify TCP/IP ports.
4. Identify TCP/IP sockets.
5. Describe Site Diagrams.
6. Describe Star Topology.
7. Describe Network Cables.
8. Describe Switches.
9. Describe Ethernet Communication.
10. Describe Internet Protocol Version 4 (IPV4) network addresses.
11. Describe Routers.

12. Describe Static Routing.
13. Describe Enhanced Interior Gateway Routing Protocol (EIGRP).
14. Describe Class C Subnetting.
15. Describe Classless Inter-Domain Routing (CIDR) notation.
16. Describe Variable Length Subnetting Mask (VLSM).
17. Describe Virtual Local Area Network (VLANS).

Performance Standard. Without the aid of reference, pass a written examination with 80% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. TCP/IP Network Administration ISBN #1-56592-322-7
4. Computer Network and Internets
5. Data Communication Network Devices ISBN #0-471-97515-x
6. Essential System Administration ISBN #0-596-00343-9
7. Cisco Router 24 Seven Sybex manual

TDSA-1016 9.0 (*) B L

Goal. Configure Tactical Data Systems (TDS) Networks.

Requirement. Conduct the following:

1. Assemble Cat-5E cables.
2. Configure routers through the console.
3. Configure routers via telnet.
4. Configure routers via Trivial File Transfer Protocol(TFTP).
5. Configure Switches.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. TCP/IP Network Administration ISBN #1-56592-322-7
4. Computer Network and Internets
5. Data Communication Network Devices ISBN #0-471-97515-x
6. Essential System Administration ISBN #0-596-00343-9
7. Cisco Router 24 Seven Sybex manual

TDSA-1018 13.0 (*) B L

Goal. Describe Networked Operating Systems (NOS).

Requirement. Conduct the following:

1. Describe UNIX networking components.
2. Describe Windows networking components.
3. Describe network services.
4. Describe Network File System (NFS).
5. Describe Distributed File System (DFS).
6. Describe Active Directory.
7. Describe Kerberos.
8. Describe Samba.

Performance Standard. Without the aid of reference, pass a written examination with 80% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. Active Directory ISBN #0-596-00466-4
4. Managing NFS and NIS ISBN #0-937175-75-7
5. Kerberos the definitive guide ISBN #0-596-00403-6
6. The Official Samba-3 how to and reference guide ISBN #0-13-145355-6
7. Marine Net - Basic Networking course code-123906
8. Solaris Performance administration ISBN #0-07-011768-3
9. Essential System Administration 3rd edition ISBN #0-596-0034-9
10. Essential System Administration 2nd edition ISBN #0-937175-80-3
11. Essential System Administration ISBN # 0-937175-80-3
12. Solaris 2.6 Administration certification part 1 ISBN 1-57870-085-x
13. Solaris Essential reference ISBN #0-7357-0023-0
14. Solaris 2.x for Managers and Administrators ISBN 1-56690-150-2

TDSA-1020 24.0 (*) B L

Goal. Manage Networked Operating Systems (NOS).

Requirement. Conduct the following:

1. Configure UNIX networking components.
2. Configure Windows networking components.
3. Configure network services.
4. Configure NFS.
5. Configure DFS.
6. Manage Active Directory.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. Active Directory ISBN #0-596-00466-4
4. Managing NFS and NIS ISBN #0-937175-75-7
5. Kerberos the definitive guide ISBN #0-596-00403-6
6. The Official Samba-3 how to and reference guide ISBN #0-13-145355-6
7. Marine Net - Basic Networking course code-123906
8. Solaris Performance administration ISBN #0-07-011768-3
9. Essential System Administration 3rd edition ISBN # 0-596-0034-9
10. Essential System Administration 2nd edition ISBN #0-937175-80-3
11. Essential System Administration ISBN # 0-937175-80-3
12. Solaris 2.6 Administration certification part 1 ISBN #1-57870-085-x
13. Solaris Essential reference ISBN #0-7357-0023-0
14. Solaris 2.x for Managers and Administrators ISBN #1-56690-150-2

TDSA-1022 7.0 (*) B L

Goal. Describe Network Security.

Requirement. Conduct the following:

1. Describe security on UNIX.
2. Describe security on Windows
3. Describe security of switches.
4. Describe security of routers.
5. Describe ACL.
6. Describe VPN.
7. Describe ISA2K server.

Performance Standard. Without the aid of the references, pass a written examination with 80% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. Cisco IOS in a nutshell ISBN #0-596-00869-4
4. Managing NFS and NIS ISBN #0-937175-75-7
5. Networking for dummies ISBN #0-7645-0498-3
6. Exchange Server Cook Book ISBN #0-596-00717-5

TDSA-1024 9.0 (*) B L

Goal. Configure Network Security.

Requirement. Conduct the following:

1. Configure computer security components.
2. Configure security on switches.
3. Configure security on routers.
4. Construct ACL.
5. Install Internet Security Administration 2000 (ISA2K).
6. Configure ISA2K.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. MCWP 3-25.3
2. MCWP 3-25.4
3. Cisco IOS in a nutshell ISBN #0-596-00869-4
4. Managing NFS and NIS ISBN #0-937175-75-7
5. Networking for dummies ISBN #0-7645-0498-3
6. Exchange Server Cook Book ISBN #0-596-00717-5

TDSA-1026 20.0 (*) B L

Goal. Describe Communication Data-link Processor (CDLS) Processors.

Requirement. Describe the following:

1. Describe the function(s) of the CDLS.

2. Describe CDLS processors.
3. Describe the installation CDLS processors.
4. Describe the Configuration of CDLS processors.
5. Describe Air Defense System Integrator (ADSI) utilities
6. Describe TSDW operation.
7. Describe AN/CYZ procedures.

Performance Standard. Without the aid of the references, pass a written examination with 80% accuracy.

Reference
1. Maintenance and Operation Manual for USMC TACC CDLS
2. ADSI User's Guide
3. ADSI Installation and Configuration Guide
4. TM EE130-EF-MMC-010

TDSA-1028 6.0 (*) B L

Goal. Describe Link-11.

Requirement. Describe the following:

1. Describe the function of Link-11.
2. Describe the function of the MX-512P.
3. Describe the function of the KG-40.
4. Describe the function of the AN/GRC-171 UHF radio.
5. Describe the antenna for the AN/GRC-171 UHF radio.
6. Describe the function of the AN/GRC-256 HF radio.
7. Describe the antenna for the AN/GRC-256 HF radio.
8. Describe Configuration of ADSI utilities for Link-11.

Performance Standard. Without the aid of the references, pass a written examination with 80% accuracy.

Reference
1. MIL-STD 6011A
2. TM M1108
3. KG-40A User's Manual
4. TM 09780A-13 P/1
5. TM 8076000505
6. ADSI Installation and Configuration Guide

TDSA-1030 6.0 (*) B L

Goal. Establish Link-11.

Requirement. Conduct the following:

1. Configure the MX-512P.
2. Configure the KG-40.
3. Configure the AN/GRC-171 UHF radio.
4. Configure the AN/GRC-256 HF radio.
5. Initialize Link-11.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. TM M1108
2. KG-40A User's Manual
3. TM 09780A-13 P/1
4. TM 8076000505
5. ADSI Installation and Configuration Guide

TDSA-1032 5.0 (*) B L

Goal. Describe Link-11B.

Requirement. Conduct the following:

1. Describe the function of Link-11B.
2. Describe modem operations.
3. Describe the APC V.23 modem.
4. Describe the function of KIV-7.
5. Describe Configuration of ADSI utilities for Link-11B.
6. Describe NATO Link 1.

Performance Standard. Without the aid of the references, pass a written examination with 80% accuracy.

Reference
1. MIL-STD 6011A
2. ADSI Hardware Description Document
3. KIV-7 HSB User's Manual
4. ADSI Installation and Configuration Guide
5. STANAG 5501

TDSA-1034 6.0 (*) B L

Goal. Establish Link-11B.

Requirement. Conduct the following:

1. Configure the APC V.23 modem.
2. Configure KIV-7.
3. Initialize Link-11B.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. ADSI Hardware Description Document
2. KIV-7 HSB User's Manual
3. ADSI Installation and Configuration Guide

TDSA-1036 3.0 (*) B L

Goal. Describe Link-16.

Requirement. Describe the following:

1. Describe the function of Link-16.
2. Describe the function of the AN/URC-107 JTIDS Terminal.

3. Describe the components of the AN/URC-107 JTIDS Terminal.
4. Describe Configuration of ADSI utilities for Link-16.

Performance Standard. Without the aid of the references, pass a written examination with 80% accuracy.

Reference
1. MIL-STD 6016
2. TM 5985-24/27
3. ADSI Installation and Configuration Guide

TDSA-1038 3.0 (*) B L

Goal. Establish Link-16.

Requirement. Conduct the following:

1. Configure the AN/URC-107 JTIDS Terminal.
2. Initialize Link-16.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. TM 5985-24/27
2. ADSI Installation and Configuration Guide

TDSA-1040 1.0 (*) B L

Goal. Describe Joint Range Extension Application Protocol (JREAP).

Requirement. Describe the following:

1. Describe the function of JREAP-A.
2. Describe the function of JREAP-B.
3. Describe the function of JREAP-C.
4. Describe hardware needed to establish JREAP-A.
5. Describe hardware needed to establish JREAP-B.

Performance Standard. Without the aid of the references, pass a written examination with 80% accuracy.

Reference
1. MIL-STD 3011 Appendix A
2. MIL-STD 3011 Appendix B
3. MIL-STD 3011 Appendix C

TDSA-1042 2.0 (*) B L

Goal. Establish Joint Range Extension Application Protocol (JREAP).

Requirement. Conduct the following:

1. Configure ADSI utilities for JREAP-A.
2. Configure ADSI utilities for JREAP-B.
3. Configure ADSI utilities for JREAP-C.

4. Initialize JREAP-C.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference. ADSI Installation and Configuration Guide

TDSA-1044 3.0 (*) B L

Goal. Describe Intel Links.

Requirement. Describe the following:

1. Describe the function of IBS-I.
2. Describe the function of IBS-S.
3. Describe the CTT-H3.
4. Describe the configuration of ADSI utilities for Intel Links.
5. Describe the function of the AS-3439/G antenna.
6. Describe the function of the AS-3567/G antenna.

Performance Standard. Without the aid of the references, pass a written examination with 80% accuracy.

Reference
1. TM 10389-12
2. TM 10389-30
3. ADSI Installation and Configuration Guide
4. UHF SATCOM Antenna System User's and Repair Manual

TDSA-1046 3.0 (*) B L

Goal. Establish Intel Links.

Requirement. Conduct the following:

1. Configure the CTT-H3.
2. Initialize IBS-I.
3. Initialize IBS-S.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. TM 10389-12
2. ADSI Installation and Configuration Guide and TIPOFF NT Manual

TDSA-1048 3.0 (*) B L

Goal. Describe Link Management System Multi Tactical Data Link (LMS-MT).

Requirement. Describe the following:

1. Describe the LMS-MT.
2. Describe installation of LMS-MT.
3. Describe LMS-MT software configuration.
4. Describe LMS-MT hardware configuration.

Performance Standard. Without the aid of the reference, pass a written examination with 80% accuracy.

Reference. Operator Training for LMS-MT

TDSA-1050 4.0 (*) B L

Goal. Configure the Link Management System Multi Tactical Data Link (LMS-MT).

Requirement. Conduct the following:

1. Install the LMS-MT software.
2. Configure the LMS-MT software.
3. Configure the LMS-MT hardware.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference. Operator Training for LMS-MT.

TDSA-1052 3.0 (*) B L

Goal. Describe Intelligence Operations Server (IOS).

Requirement. Describe the following:

1. Describe the IOS.
2. Describe installation of IOS.
3. Describe Framework configuration
4. Describe Common Operational Picture (COP).
5. Describe Universal Build (UB).
6. Describe COP Synch Tool (CST) feed.

Performance Standard. Without the aid of the reference, pass a written examination with 80% accuracy.

Reference.
1. TM-09858A/10275A-13/1
2. SL-3-10753C

TDSA-1054 5.0 (*) B L

Goal. Configure Intelligence Operations Server (IOS).

Requirement. Configure the following:

1. Configure the IOS.
2. Configure CST channels.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference. TM-09858A/10275A-13/1

TDSA-1056 2.0 (*) B L

Goal. Describe Army Field Artillery Tactical Data System (AFATDS).

Requirement. Describe the following:

1. Describe AFATDS.
2. Describe AFATDS hardware.
3. Describe AFATDS build procedures.
4. Describe AFATDS configuration.
5. Describe AFATDS to other TDS configuration.

Performance Standard. Without the aid of the reference, pass a written examination with 80% accuracy.

Reference.
1. TM 7025-OR/1
2. TM 7025-OR/2
3. TM 7025-OR/3
4. SL-3-11069A
5.

TDSA-1058 3.0 (*) B L

Goal. Configure Army Field Artillery Tactical Data System (AFATDS).

Requirement. Configure the AFATDS.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference.
1. TM 7025-OR/1
2. TM 7025-OR/2
3. TM 7025-OR/3

TDSA-1060 4.0 (*) B L

Goal. Describe TBMCS.

Requirement. Describe the following:

1. Describe TBMCS.
2. Describe TBMCS web remotes.
3. Describe TBMCS applications.

Performance Standard. Without the aid of references, pass a written examination with 80% accuracy.

Reference
1. SysAd Training Lessons TBMCS Version 1.1.3 System Administration SUM
2. TBMCS Software Users Manual
3. LOAD APP C - TACC
4. TBMCS Spiral 1.1.3 Sums

TDSA-1062 4.0 (*) B L

Goal. Configure TBMCS remotes.

Requirement. Configure the following:

1. Configure TBMCS remote.
2. Configure TBMCS applications.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference
1. SysAd Training Lessons TBMCS Version 1.1.3 System Administration SUM
2. TBMCS Software Users Manual
3. LOAD APP C - TACC
4. TBMCS Spiral 1.1.3 Sums

TDSA-1064 4.0 (*) B L

Goal. Describe the Combat Operations Center (COC) operations trailer.

Requirement. Describe the following:

1. Describe COC operations.
2. Describe COC cabling methodology.
3. Describe COC Windows Server installation procedures.
4. Describe COC Unix Server installation procedures.
5. Describe COC server configuration.

Performance Standard. Without the aid of references, pass a written examination with 80% accuracy.

Reference. COC Manuals

TDSA-1066 6.0 (*) B L

Goal. Install COC operations trailer.

Requirement. Conduct the following:

1. Cable the COC operations trailer.
2. Install COC Windows servers.
3. Install COC Unix servers.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference. COC Manuals

TDSA-1068 2.0 (*) B L

Goal. Configure COC operations trailer.

Requirement. Configure the following:

1. Configure Random Array of Independent Disks (RAID) Devices.
2. Configure Video Server.

Performance Standard. With the aid of reference, pass a performance exam with 100% accuracy.

Reference. COC Manuals

3.9 CORE SKILL PHASE (2000 Phase)

3.9.1 Purpose. To develop core skill proficiency for 5974 personnel to be able to perform duties while assigned to the tactical data systems section.

(1) Basic Technicians will gain core skill proficiency in basic networking, basic systems administration, and basic systems management on command and control systems at the TACC.

(2) Advance Technicians will gain core skill proficiency in advanced networking, advanced systems administration, advanced systems management, and data link setup and maintenance on command and control systems at the TACC.

(3) Crew Chiefs will gain core skill proficiency in managing crew level networking, security operations to include data systems, establishing data links, networks and joint range extension applications protocol and configuring a command center. This training will provide the crew chief the skills necessary to run a TDS crew.

(4) Maintenance Chiefs will gain core skill proficiency in supervising and managing maintenance section operations to include networking, security administration, and advanced systems management on command and control systems. Finally, the core skills will provide the TACC Maintenance Chief the skills necessary to run a TACC Maintenance section.

3.9.2 General

3.9.2.1 Prerequisite.

(1) Tactical Data Systems Basic Technician (TDSBT). Core Skill Introduction training must be completed prior to beginning BT training.

(2) Tactical Data Systems Basic Administration Technician (TDSAAT). Be qualified as a TDSBT prior to beginning TDSAAT training.

(3) Tactical Data Systems Administration Chief (TDSAC). Be qualified as a TDSAAT prior to beginning TDSAC training.

(4) Tactical Air Command and Control Maintenance Chief (TACCMC). Be qualified as a TDSAAT prior to beginning TACCMC training.

3.9.2.2 Admin Notes.

(1) In the current fiscally constrained environment, commanders are encouraged to send their 5974 Marines to the TECOM funded Tactical Data Systems Managers course and the MACCS Senior Maintenance Managers Course conducted by MCCES to receive essential training delineated in this syllabus. Marines would receive formalized instruction in a short period of time while preserving unit resources.

(2) Training in this phase does not preclude simultaneous training in the mission skill and core plus phases provided applicable prerequisites have been met.

(3) Individual core skills are learned and mastered using a varied combination of written exams, scenarios and practical demonstrations of proficiency.

3.9.2.3 Stages. The following stages are included in the Core Skill Phase of training.

PAR NO.	STAGE NAME
3.9.3	SHELTERS (SHEL)
3.9.4	NETWORK (NET)
3.9.5	ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (AFATD)
3.9.6	INTELLIGENCE OPERATION SERVER (IOS)
3.9.7	THEATER BATTLE MANAGEMENT CORE SYSTEM (TBMCS)
3.9.8	AUTOMATED DATA PROCESSING EQUIPMENT (ADPE)
3.9.9	COMMUNICATION DATA LINK SYSTEM (CDLS)
3.9.10	COMBAT OPERATIONS CENTER (COC)
3.9.11	LINK MANAGEMENT SYSTEM--MULTI TADIL (LMSMT)
3.9.12	TEST MEASUREMENT DIAGNOSTIC EQUIPMENT (TMDE)
3.9.13	PREVENTIVE MAINTENANCE/CORRECTIVE MAINTENANCE (PMCM)
3.9.14	COLLATERAL DUTIES (CD)
3.9.15	COMMUNICATION SECURITY (COMSEC)
3.9.16	FAMILIARIZATION (FAM)
3.9.17	MAINTENANCE MANAGEMENT (MMGT)
3.9.18	OPERATIONS MANAGEMENT (OMGT)
3.9.19	ORGANIZATIONAL STRUCTURE (ORGS)

3.9.3 SHELTERS (SHEL) STAGE

3.9.3.1 Purpose. To teach the trainee the characteristics of unit specific shelters and how to cable them.

3.9.3.2 General

Prerequisite. Complete the TMDE stage (2200, 2225, 2240).

Admin Notes. NONE

Crew Requirements: NONE

SHEL-2000 10.0 (*) B (1) 3-IN-1 (1) MERWS (1) ISO shelter L

Goal. Describe TACC organic shelters.

Requirement. Provided one 3-IN-1, one MERWS, and one ISO shelter, and the Unit TO&E, the trainee shall be given a physical tour of each shelter and conduct the following for each:

1. Identify the function of each.
2. Identify TDSA responsibilities for each.
3. Identify SL-3 components for each.

Performance Standard. With the aid of reference, identify the requirement items Instructor shall ensure the trainee is given a tour of the shelters.

Instructor. BI, SI

Prerequisite. 2200, 2225, 2240

Reference
1. Unit TO&E
2. Shelter Technical Manuals

SHEL-2005 2.0 (*) B (1) ISO SHELTER L

Goal. Emplace shelter.

Requirement. Given a site diagram and a shelter:

1. Emplace shelter according to site diagram.
2. Level shelter as required.

Performance Standard. With the aid of reference, emplace a shelter IAW the site diagram.

Instructor. BI, SI

Prerequisite. 2000, 2200, 2225, 2240

External Support. Material handling equipment.

Reference.
1. Site diagram.
2. Applicable Technical Manual

SHEL-2010 4.0 (*) B (1) ISO SHELTER, (1) GROUND TESTER L

Goal. Establish grounds on a unit specific shelters.

Requirement. Given the reference and while adhering to safety procedures, establish grounding on one of the unit shelter as follows:

1. Identify the grounding requirements.
2. Install grounding rods.
3. Create grounding pits.
4. Connect grounding braids/cables.
5. Test grounds with TMDE.

Performance Standard. With the aid of reference, establish grounding on a shelter to no more than 8 ohms

Instructor. BI, SI

Prerequisite. 2000, 2200, 2225, 2240

Reference. TM 9406-15 Grounding Procedures Manual

SHEL-2015 2.0 (*) B (1) ISO SHELTER L

Goal. Cable one unit shelter for power.

Requirement. Given references, cables, and one unit shelter:

1. Connect power cable.
2. Energize specified section.

Performance Standard. With the aid of reference, complete the requirement and ensure shelter is safely energized.

Instructor. BI, SI

Prerequisite. 2000, 2010, 2200, 2225, 2240

Reference. Applicable Technical Manual.

SHEL-2020 4.0 (365) B,R (1) 3-IN-1 SHELTER L

Goal. Emplace and power a 3-IN-1 shelter.

Requirement. Given the site diagram, a 3-IN-1 shelter with required cables, and grounding kit, complete the following IAW the references:

1. Place 3-IN-1 shelter.
2. Level unexpanded shelter.
3. Expand Shelter.
4. Connect lighting subsystems.
3. Connect Power Cable.
4. Ground Shelter.
5. Connect internal power harness.
6. Energize specified section.

Performance Standard. With the aid of reference, emplace and level the 3-IN-1 Shelter. The shelter is cabled and energized on the side specified by the instructor.

Instructor. BI, SI

Prerequisite. 2000, 2010, 2015, 2200, 2225, 2240

External Support. Heavy Equipment (HE)

Reference
1. Applicable Technical Manual
2. Site diagram.

SHEL-2025 8.0 (365) B,R (1) MERWS SHELTER L

Goal. Emplace and power a Modular Expandable Rigid Wall Shelter (MERWS) shelter.

Requirement. Given the site diagram, a MERWS shelter with required cables, and grounding kit, complete the following IAW the references:

1. Place MERWS shelter.
2. Level unexpanded shelter.
3. Expand Shelter.
4. Connect lighting subsystems.
3. Connect Power Cable.
4. Ground Shelter.
5. Connect internal power harness.
6. Energize specified section.

Performance Standard. With the aid of reference, emplace and level the MERWS Shelter. The shelter is cabled and energized on the side specified by the instructor.

Instructor. BI, SI

Prerequisite. 2000, 2010, 2015, 2200, 2225, 2240

External Support. Heavy Equipment (HE)

Reference
1. Applicable Technical Manual
2. Site diagram.

3.9.4 NETWORK (NET) STAGE

3.9.4.1 Purpose. To teach the trainee how to setup network equipment, install a local area network, configure network security, and manage a tactical data network.

3.9.4.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

NET-2030 2.0 (1460) B,R L

Goal. Identify the network equipment.

Requirement. Given the listed network equipment (hardware and software) in Chapter 7.2 and Table 7-1 of the reference, conduct the following:

1. State the purpose.
2. State the functions.
3. Identify the software.
4. Identify hardware components.

Performance Standard. Without the aid of reference, identify the network equipment as applicable.

Instructor. BI, SI

Reference.
1. Trusted Facilities Manual

NET-2035 8.0 (365) B,R (1) TDS L

Goal. Setup TDS network equipment.

Requirement. Given a locally developed site diagram, applicable references, materials, and required TDS equipment conduct the following:

1. Emplace components.
2. Make a straight through Ethernet cable.
3. Make a crossover Ethernet cable.
4. Cable components.
5. Energize components.
6. Conduct operational status check.

Performance Standard. With the aid of reference, setup the TDS network equipment. Instructor will ensure the equipment properly setup and operational.

Instructor. BI, SI

Prerequisite. 2030

Reference.
1. Site diagram
2. TBMCS Perimeter Security Administration (PSA) SUM

NET-2040 8.0 (365) B,R (1) ROUTER (1) SWITCH (1) COMPUTER L

Goal. Establish a Local Area Network.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment conduct the following:

1. Install operating systems.
2. Install System Specific Software.
3. Configure switch.
4. Configure router.
5. Configure network time server.
6. Configure TDS to use network time.
7. Conduct connectivity checks.

Performance Standard. With the aid of reference, establish a Local Area Network. Instructor will ensure the network is setup and operational. Completion of the Tactical Data Systems Administrator Managers Course at MCCES satisfies the standard.

Instructor. BI, SI

Prerequisite. 2030, 2035

Reference.
1. Site diagram
2. TBMCS Perimeter Security Administration (PSA) SUM

NET-2045 19.0 (365) B,R (1) TBMCS L

Goal. Configure network security.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Configure TBMCS PSS.
   a. Install ISA server.
   b. Configure ISA server.
   c. Install Safe-Net Security Center.
   d. Configure Safe-Net Security Center.
   e. Configure S/Speed Devices.
   f. Configure Security Policy Automation Tool.
2. Install COC Firewall.
3. Configure COC Firewall.

Performance Standard. With the aid of reference, configure network security by completing the requirement. Instructor will ensure the network is setup and operational. Completion of the Tactical Data Systems Administrator Managers Course at MCCES satisfies the standard.

Instructor. BI, SI

Prerequisite. 2030, 2035, 2040

Reference
1. Site diagram
2. TBMCS PSA SUM
3. TBMCS SEC SUM
4. COC IETM

3.9.5 ADVANCED FIELD ARTILLERY TACTICAL DATA SYSTEM (ATATD) STAGE

3.9.5.1 Purpose. To teach the trainee how to setup, install, perform configuration management and systems administration on the Advanced Field Artillery Tactical Data System (AFATDS).

3.9.5.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

AFATD-2050 2.0 (*) B (1) AFATDS L

Goal. Identify Advanced Field Artillery Tactical Data System (AFATDS).

Requirement. Given references, complete the following:

1. Identify the purpose.
2. Identify its functions.
3. Identify software.
4. Identify hardware components.

Performance Standard. Without the aid of reference, identify the requirement items.

Instructor. BI, SI

Reference.
1. TM 7025-OR/1
2. TM 7025-OR/2
3. TM 7025-OR/3
4. SL-3-11069A
5. Marinenet - AFATDS Course Code AFATAA

AFATD-2055 2.0 (*) B (1) AFATDS L

Goal. Setup AFATDS Equipment.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment:

1. Emplace components.
2. Cable components

3. Energize components.
4. Conduct operational status check

Performance Standard. With the aid of reference, using the site diagram, setup the AFATDS equipment by completing the requirement. The instructor will verify the operational check is successful.

Instructor. BI, SI

Prerequisite. 2050

Reference.
1. TM 7025-OR/1
2. TM 7025-OR/2
3. TM 7025-OR/3
4. Marinenet - AFATDS Course Code AFATAA
5. Site diagram

AFATD-2060 2.0 (365) B,R (1) AFATDS L

Goal. Install AFATDS Software.

Requirement. Given a locally developed site diagram, references, materials, and required equipment, perform the following:

1. Perform vendor Image Recovery
2. Log Progress.
3. Log Errors.

Performance Standard. With the aid of reference, using the site diagram, install the AFATDS software by completing the requirement. This event can be accomplished by completing the Tactical Data Systems Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2000, 2050, 2055, 2065, 2405, 2500, 2515, 2520, 2535, 2545, 2708, 2722, 2746, 2748, 2806, 2836, 2846, 3208, 3210, 3212, 3242

Reference.
1. TM 7025-OR/1
2. TM 7025-OR/2
3. TM 7025-OR/3
4. MarineNet - AFATDS Course Code AFATAA
5. Site diagram

AFATD-2065 2.0 (365) B,R (1) AFATDS L

Goal. Configure AFATDS

Requirement. Given a locally developed site diagram, references, materials, and required equipment, perform the following:

1. Configure Network Settings
2. Configure Time Settings

3. Configure JMUL
4. Log Progress.
5. Log Errors.

Performance Standard. With the aid of reference, using the site diagram, configure the AFATDS by completing the requirement. This event can be completed at the Tactical Data Systems Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2050, 2055, 2060, 2655, 2844

Reference.
1. TM 7025-OR/1
2. TM 7025-OR/2
3. TM 7025-OR/3
4. Marinenet - AFATDS Course Code AFATAA
5. Site diagram

3.9.6 INTELLIGENCE OPERATIONS SERVER (IOS) STAGE

3.9.6.1 Purpose. To teach the trainee how to setup, install, and perform configuration management on the Intelligence Operations Server (IOS).

3.9.6.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

IOS-2075 2.0 (*) B (1) IOS L

Goal. Identify the IOS.

Requirement. Given the references:

1. Identify the purpose of the IOS.
2. Identify the function of the IOS.
3. Identify software.
4. Identify hardware components.

Performance Standard. With the aid of reference, identify the requirement items.

Instructor. BI, SI

Reference.
1. SL-3-10753C
2. IOS/IOW USER'S MANUAL

IOS-2080 2.0 (365) B,R (1) IOS L

Goal. Setup the IOS Equipment.

Requirement. Given a locally developed site diagram, references, materials, and required equipment:

1. Emplace components.
2. Cable components
3. Energize components.
4. Conduct operational status check

Performance Standard. With the aid of reference, using the site diagram, setup the IOS equipment by completing the requirement. The instructor will verify the operational check is successful.

Instructor. BI, SI

Prerequisite. 2075

Reference.
1. SL-3-10753C
2. IOS/IOW USER'S MANUAL
3. Site diagram

IOS-2085 2.0 (365) B,R (1) IOS L

Goal. Install the IOS Software.

Requirement. Given a locally developed site diagram, references, materials, and required equipment:

1. Perform vendor image recovery.
2. Log progress.
3. Log errors.

Performance Standard. With the aid of reference, using the site diagram, install the ISO software by completing the requirement.

Instructor. BI, SI

Prerequisite. 2075, 2080

Reference.
1. IOS/IOW USER'S MANUAL
2. Site diagram

IOS-2090 3.0 (365) B,R (1) IOS L

Goal. Configure the IOS.

Requirement. Given a locally developed site diagram, references, materials, and required equipment:

1. Configure network settings.
2. Configure time settings.

3. Configure frame-work settings.
4. Configure Unified Build (UB) settings.
5. Configure COP Synchronization Tool (CST) links.
6. Configure Joint Range Extension Application Protocol (JREAP) links.
7. Configure for JADOCS interface.
8. Log progress.
9. Log errors.

Performance Standard. With the aid of reference, using the site diagram, configure the IOS by completing the requirement. This event can be completed at the Tactical Data System Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2075, 2080, 2085

Reference.
1. IOS/IOW USER'S MANUAL
2. Site diagram

3.9.7 THEATER BATTLE MANAGEMENT CORE SYSTEM (TBMCS) STAGE

3.9.7.1 Purpose. To teach the trainee how to build a Theater Battle Management Core System (TBMCS) web remote.

3.9.7.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

TBMCS-2100 2.0 (*) B L

Goal. Identify the TBMCS

Requirement. Given a locally developed site diagram, references, materials, and required equipment conduct the following:

1. Identify the purpose of TBMCS.
2. Identify the function of TBMCS.
3. Identify software.
4. Identify hardware components.

Performance Standard. With the aid of reference, identify the items noted in the site diagram without error. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Reference.
1. Site diagram
2. TBMCS SUMs

TBMCS-2102 4.0 (1095) B,R (1) TBMCS L

Goal. Emplace TBMCS Equipment

Requirement. Given a locally developed site diagram, references, materials, and required equipment, conduct the following:

1. Emplace components.
2. Cable components.
3. Energize components.
4. Conduct operational status check.

Performance Standard. With the aid of reference, emplace TBMCS Hardware. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. Site diagram
2. TBMCS SUMs

TBMCS-2104 3.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS PRE-BUILD PHASE.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Gather build configuration information.
2. Perform load SUM procedures.
3. Log Progress.
4. Log Errors.
5. Verify 3510 configuration.

Performance Standard. With the aid of reference, conduct TBMCS PRE-BUILD PHASE by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2106 4.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 1.

Requirement. Given a locally developed site diagram, a checklist, applicable references, materials, and required equipment conduct the following:

1. Perform load SUM procedures.
2. Log Progress.
3. Log Errors.
4. Verify network configuration.
5. Verify Hard drive Partitioning.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 1 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2108 4.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 2.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment conduct the following:

1. Perform load SUM procedures
2. Log Progress
3. Log Errors
4. Verify Time Server configuration.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 2 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2110 4.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 3.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Perform load SUM procedures.
2. Log Progress.
3. Log Errors.
4. Verify replication of active directory.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 3 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2112 6.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 4.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment conduct the following:

1. Perform load SUM procedures.
2. Log Progress.
3. Log Errors.
4. Verify TBMCS Utility Configuration (TUC) configuration.
5. Verify Domain Name Services (DNS) records.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 4 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2114 2.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 5.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Perform load SUM procedures.

2. Log Progress.
3. Log Errors.
4. Verify /etc/hosts file on Unix clients.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 5 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2116 12.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 6.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Perform load SUM procedures.
2. Log Progress.
3. Log Errors.
4. Verify IRIS server services have been started.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 6 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2118 6.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 7.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Perform load SUM procedures
2. Log Progress
3. Log Errors
4. Verify Web-logic server has started.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 7 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course..

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2120 2.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS BUILD PHASE 8.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Perform load SUM procedures.
2. Log Progress.
3. Log Errors.
4. Verify Pristine Backup was complete.

Performance Standard. With the aid of reference, conduct TBMCS BUILD PHASE 8 by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course..

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Build Flow Diagram
3. Site diagram

TBMCS-2122 12.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS POST-CONFIG PHASE.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Perform load SUM procedures.
2. Log Progress.
3. Log Errors.
4. Verify that users are created.
5. Verify user assigned permissions.

Performance Standard. With the aid of reference, conduct TBMCS POST-CONFIG PHASE by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Post Configuration Checklist
3. Site diagram

TBMCS-2124 24.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS PATCH INSTALL.

Requirement. Given a locally developed site diagram, applicable references, materials, and required equipment, conduct the following:

1. Perform load SUM procedures
2. Log Progress
3. Log Errors
4. Verify patch functionality.

Performance Standard. With the aid of reference, conduct TBMCS PATCH INSTALL by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. TBMCS SUMs
2. TBMCS Service Pack Addendums
3. Site diagram

TBMCS-2126 4.0 (365) B,R (1) TBMCS L

Goal. Conduct TBMCS VERIFICATION.

Requirement. Given a locally developed site diagram, applicable references, materials, required equipment, and Current Ops and Future Ops operators, conduct the following:

1. Perform load SUM procedures
2. Log Progress
3. Log Errors

Performance Standard. With the aid of reference, using the checklist, conduct TBMCS VERIFICATION by completing the requirement. This event can be completed at the MCCES TBMCS Administration Course.

Instructor. BI, SI

Prerequisite. 2100

Reference.
1. Site diagram
2. TBMCS SUMs

3.9.8 AUTOMATED DATA PROCESSING EQUIPMENT (ADPE) STAGE

3.9.8.1 Purpose. To teach the trainee how to setup, install, and manage ADPE and configure the C2PC.

3.9.8.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

ADPE-2130	2.0	(*)	B	(1) Server	L

Goal. Identify the purpose of server.

Requirement. Given references and a server conduct the following:

1. Identify the purpose of a server.
2. Identify the functions of a server.
3. Identify software on the server.
4. Identify hardware components.

Performance Standard. Without the aid of reference, identify the requirement items.

Instructor. BI, SI

Reference.
1. Essential System Administration 3rd edition ISBN # 0-596-0034-9
2. MarineNet- Memory, Motherboards, and Processors course code- 123905
3. MarineNet - CompTIA Server+
4. MarineNet- CompTIA A+
5. IOS/IOW User's Manual

ADPE-2132	2.0	(365)	B,R	(1) IOW	L

Goal. Identify the Intelligence Operations Workstation (IOW).

Requirement. Given the references and an IOW:

1. Identify the purpose of the IOW.
2. Identify the function of the IOW.
3. Identify software on the IOW.
4. Identify hardware components.

Performance Standard. Without the aid of reference, identify the requirement items.

Instructor. BI, SI

Reference.
1. IOS/IOW User's Manual
2. SL-3-10848D
3. MarineNet - C2PC Course Code C2P001

ADPE-2134 2.0 (365) B,R (1) ADPE L

Goal. Set up ADPE.

Requirement. Given a locally developed site diagram, a checklist, applicable references, materials, and required equipment:

1. Emplace ADPE components.
2. Cable components.
3. Energize components.
4. Conduct operational status check.

Performance Standard. With the aid of reference, using the checklist, setup the ADPE IAW the requirement.

Instructor. BI, SI

Prerequisite. 2130, 2132

Reference.
1. Essential System Administration 3rd edition ISBN # 0-596-0034-9
2. Marinenet- Memory, Motherboards, and Processors course code- 123905
3. Marinenet - CompTIA Server+
4. Marinenet- CompTIA A+
5. IOS/IOW User's Manual

ADPE-2136 8.0 (*) B (1) ADPE L

Goal. Install ADPE operating systems and software.

Requirement. Given a locally developed site diagram, a checklist, applicable references, materials, and required equipment:

1. Install operating system.
2. Install system application software to include but not limit to:
   a. Joint Automated Deep Operations Coordination Systems (JADOCS)
   b. Command and Control Personal Computer (C2PC)
   c. Citrix
   d. Management Software
   e. Portable Flight Planning Software (PFPS)
   f. Internet Relay Chat
   g. TBMCS Web-Client software
   h. MACCS client software
3. Log progress.
4. Log errors.

Performance Standard. With the aid of reference, using the checklist, install ADPE operating systems and software IAW the requirement.

Instructor. BI, SI

Prerequisite. 2130, 2132, 2134

Reference.
1. TBMCS SUMs
2. IOS/IOW User's Manual
3. JADOCS User's Manual
4. Site diagram

ADPE-2138 8.0 (365) B,R (1) ADPE L

Goal. Configure the ADPE operating systems and software.

Requirement. Given a locally developed site diagram, a checklist, applicable references, materials, and required equipment:

1. Configure network settings.
2. Configure time settings.
3. Configure system specific software to include, but not limited to:
   a. JADOCS
   b. C2PC
   c. Citrix
   d. Management Software
   e. PFPS
   f. IRC
   g. EMT
   h. TBMCS Web-Client software
   i. MACCS client software
   j. Configure maps.
   k. Configure user accounts.
4. Log Progress.
5. Log Errors.

Performance Standard. With the aid of reference, using the checklist, configure operating systems and software IAW the requirement. This event can be satisfied by completing the Tactical Data Systems Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2130, 2132, 2134, 2136

Reference.
1. TBMCS SUMs
2. IOS/IOW User's Manual
3. JADOCS User's Manual
4. Marinenet - AFATDS Course Code AFATAA
5. Site diagram

ADPE-2140 8.0 (365) B,R (1) C2PC L

Goal. Configure Command and Control Personnel Computer (C2PC).

Requirement. Given a C2PC and applicable references conduct the following:

1. State the purpose of the C2PC
2. Define command and control information management.
3. Describe command operations center (COC).
4. Load and navigate a map.
5. Injector manager
6. Map overlay injector.
7. Routes injector
8. Track plot injector
9. Variable message format

Performance Standard. With the aid of reference, perform the requirement items. C2PC will be configured to support TAOC operations.

Prerequisite. Complete MARINENET Course Command and Control Personnel Computer (C2PC) (Code C2P001).

Reference.
1. IOS/IOW User's Manual
2. MarineNet - C2PC Course Code C2P001

3.9.9 COMMUNICATIONS DATA LINK SYSTEM (CDLS) STAGE

3.9.9.1 Purpose. To teach the trainee how to setup, install, configure, and administer the equipment required for tactical data links.

3.9.9.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

CDLS-2150 2.0 (*) B (1) CDLS L

Goal. Identify the Communications Data Link System (CDLS).

Requirement. Given a CDLS and references, complete the following:

1. Identify the purpose
2. Identify its functions.
3. Identify software.
4. Identify hardware components.

Performance Standard. Without the aid of reference, identify all requirement items.

Instructor. BI, SI

Reference. TM 10987A-OI (CDLS manual)

CDLS-2152 2.0 (*) B (1) CTT/H3 L

Goal. Identify AN/USC-55A Commanders Tactical Terminal Hybrid 3 (CTT/H3).

Requirement. Conduct the following:

1. State the purpose and identify the functions of a CTT/H3.
2. Identify software for the CTT/H3.
3. Identify hardware components in the CTT/H3.

Performance Standard. Without the aid of reference, identify all requirement items.

Instructor. BI, SI

Reference.
1. TM 10389A-30&P/2
2. TM 10389A-12&P/1

CDLS-2154 4.0 (365) B,R (1) CDLS L

Goal. Setup CDLS Equipment.

Requirement. Given a locally developed site diagram, references, materials, and required equipment, perform the following:

1. Emplace components.
2. Cable components.
3. Erect HF antenna
4. Erect UHF antennas
5. Energize components.
6. Install operating system.
7. Conduct operational status check.

Performance Standard. With the aid of reference, using the site diagram, setup the CDLS equipment by completing the requirement. The instructor will verify the operational status check is successful.

Instructor. BI, SI

Prerequisite. 2170

Reference.
1. TM 10987A-OI (CDLS manual)
2. TM 10389A-30&P/2
3. TM 10389A-12&P/1
4. Site diagram

CDLS-2156 2.0 (365) B,R (1) CTT L

Goal. Setup Commanders Tactical Terminal (CTT) Equipment.

Requirement. Given a locally developed site diagram, references, materials, and required equipment:

1. Emplace components.
2. Cable components.
3. Energize components.
4. Conduct operational status check.
5. Install TIPOFF-NT.

Performance Standard. With the aid of reference, using the site, setup the CTT equipment by completing the requirement.

Instructor. BI, SI

Prerequisite. 2152

Reference.
1. TM 10987A-OI (CDLS manual)
2. TM 10389A-30&P/2
3. TM 10389A-12&P/1
4. Site diagram

CDLS-2158 2.0 (365) B,R (1) CDLS L

Goal. Install CDLS software.

Requirement. Given a locally developed site diagram, references, materials, and required equipment, perform the following:

1. Install ADSI software
2. Log Progress.
3. Log Errors.

Performance Standard. With the aid of reference, using the site diagram, install the CDLS software IAW with the requirement.

Instructor. BI, SI

Prerequisite. 2150, 2154

Reference.
1. TM 10987A-OI (CDLS manual)
2. Site diagram

CDLS-2160 4.0 (365) B,R 1 CDLS L

Goal. Configure the CDLS.

Requirement. Given an CDLS, required references and materials, and equipment, perform the following:

1. Configure network settings
2. Configure system time
3. Load Network Data Load
4. Log Progress

5. Log errors

Performance Standard. With the aid of reference, configure the CDLS by completing the requirement. Instructor will ensure the CDLS is configured per the reference. The event can be satisfied by completing the Tactical Data System Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2150, 2154, 2158

Reference. TM 10987A-OI (CDLS manual)

3.9.10 COMBAT OPERATIONS CENTER (COC) STAGE

3.9.10.1 Purpose. To teach the trainee how to setup, install, configure, and perform systems administration on the COC.

3.9.10.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

COC-2170 2.0 (*) B (1) COC L

Goal. Identify the Combat Operation Center (COC).

Requirement. Given a COC, conduct a tour of the COC and complete the following:

1. Identify the purpose of the COC.
2. Identify its functions.
3. Identify software.
4. Identify hardware components.

Performance Standard. Without the aid of reference, identify all the requirement. The event can be satisfied by completing the Tactical Data System Administrator Managers Course at MCCES.

Instructor. BI, SI

Reference. COC IETM

COC-2172 8.0 (365) B,R (1) COC L

Goal. Setup COC Equipment.

Requirement. Given a locally developed site diagram, references, materials, and required equipment, perform the following:

1. Emplace system.
2. Cable system.
3. Emplace SWAG kit.
4. Emplace Environmental safety equipment.
5. Energize components.
6. Conduct operational status check.

Performance Standard. With the aid of reference, using the site diagram, setup the COC equipment by completing the requirement. The event can be satisfied by completing the Tactical Data System Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2170

Reference.
1. COC IETM
2. Site diagram

COC-2174 8.0 (365) B,R (1) COC L

Goal. Install COC software.

Requirement. Given a COC, references, materials, and required equipment, perform the following:

1. Use the Image Recovery Disk to install the COC Software.
2. Log Progress.
3. Log Errors.

Performance Standard. With the aid of reference, install the COC software by completing the requirement. The event can be satisfied by completing the Tactical Data System Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2170, 2172

Reference. COC IETM

COC-2176 2.0 (365) B,R (1) COC L

Goal. Configure COC operations trailer.

Requirement. Given references:

1. Configure Random Array of Independent Disks (RAID) Devices.
2. Configure Video Server.

Performance Standard. With the aid of reference, configure the COC operations trailer by completing the requirement. The event can be

satisfied by completing the Tactical Data System Administrator Managers Course at MCCES.

Instructor. BI, SI

Prerequisite. 2170, 2172, 2174

Reference. COC IETM

3.9.11 LINK MANAGEMENT SYSTEM--MULTI TADIL (LMSMT) STAGE

3.9.11.1 Purpose. To teach the trainee how to setup, configure, and perform systems administration of the LMS-MT.

3.9.11.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

LMSMT-2180 2.0 (*) B (1) LMS-MT L

Goal. Identify the Link Management System - Multi Tactical Data Link (LMS-MT).

Requirement. Given an LMS-MT and references, complete the following:

1. Identify the purpose.
2. Identify its functions.
3. Identify software.
4. Identify hardware components.

Performance Standard. Without the aid of reference, identify all the requirement items.

Instructor. BI, SI

Reference. LMS User's Manual

LMSMT-2182 4.0 (365) B,R (1) LMS-MT L

Goal. Setup LMS-MT Equipment.

Requirement. Given a locally developed site diagram, references, materials, and required equipment, perform the following:

1. Emplace components.
2. Erect antenna
3. Cable components.
4. Energize components.
5. Conduct operational status check.

Performance Standard. With the aid of reference, using the site diagram, setup the LMT-MT equipment by completing the requirement.

Instructor. BI, SI

Prerequisite. 2180

Reference.
1. LMS User's Manual
2. Site diagram

LMSMT-2184 2.0 (365) B,R (1) LMS-MT L

Goal. Install LMS-MT software.

Requirement. Given a locally developed site diagram, references, materials, and required equipment, perform the following:

1. Install operating system.
2. Install LMS-MT application software.
3. Log Progress.
4. Log Errors.

Performance Standard. With the aid of reference, using the site diagram, install the LMS-MT software by completing the requirement.

Instructor. BI, SI

Prerequisite. 2180, 2182

Reference.
1. LMS User's Manual
2. Site diagram

LMSMT-2186 4.0 (365) B,R (1) LMS-MT L

Goal. Configure the LMS-MT.

Requirement. Given an LMS-MT, references, materials and required equipment, perform the following:

1. Configure network settings
2. Configure system time
3. Load NDL
4. Fill Front End System (FES)
5. Log Progress
6. Log errors

Performance Standard. With the aid of reference, configure the LMS-MT by completing the requirement. This event can be satisfied by completing the MACCS Maintenance Managers Course (5974) at MCCES.

Instructor. BI, SI

Prerequisite. 2180, 2182, 2184

Reference. LMS User's Manual.

3.9.12 TEST MEASUREMENT DIAGNOSTIC EQUIPMENT (TMDE) STAGE

3.9.12.1 Purpose. To provide instruction on various test measurement and diagnostic equipment (TMDE).

3.9.12.2 General

Prerequisite. Complete MCI 287A Introduction to Test Equipment.

Admin Notes. NONE

Crew Requirements: NONE

TMDE-2200	1.0	(*)	B	(1) Multimeter	L

Goal. Utilize a multimeter.

Requirement. Given a multimeter, cable, and references:

1. State the purpose of the multimeter.
2. Verify calibration is current.
3. Perform continuity check on a cable or wire.
4. Measure resistance.
5. Measure voltage (AC and DC).
6. Measure current.
7. Adhere to safety procedures.

Performance Standard. With the aid of reference, demonstrate the proper use of a multimeter by completing the requirement items without error.

Instructor. BI, SI

Prerequisite. MCI 287

Reference. Applicable user manual.

TMDE-2225	2.0	(*)	B	(1) Ground Tester	L

Goal. Utilize a Ground Tester.

Requirement. Given a ground tester, grounded equipment, and references:

1. State the purpose of a ground tester.
2. Verify calibration is current.
3. Measure resistance to ground in ohms.
4. State whether the ohm level is within tolerance.
5. Adhere to safety procedures.

Performance Standard. With the aid of reference, demonstrate proper use of the ground tester and measure ground resistance in ohms.

Instructor. BI, SI

Prerequisite. MCI 287

Reference. TM 9406-15

TMDE-2240 2.0 (*) B (1) Twisted pair cable tester L

Goal. Utilize a Twisted Pair Cable Tester.

Requirement. Given a twisted pair cable tester, network cable, and references:

1. Identify Twisted Pair Cable Tester.
2. State its purpose.
3. Test Twisted Pair cable.

Performance Standard. With the aid of reference, demonstrate proper use of the CAT 5 Cable Tester and analyze a cable.

Instructor. BI, SI

Prerequisite. MCI 287

Reference. Applicable user manual.

3.9.13 PREVENTIVE MAINTENANCE/CORRECTIVE MAINTENANCE (PMCM) STAGE

3.9.13.1 Purpose. To teach the trainee how to conduct preventive maintenance checks and services (PMCS) and initiate corrective maintenance (CM).

3.9.13.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

PMCM-2400 2.0 (*) B L

Goal. Induct equipment into maintenance cycle.

Requirement. Given an inoperative piece of equipment and references, fill out the following paperwork.

1. Fill out required fields of Equipment Repair Order (NAVMC 10245).
2. Fill out required fields of Equipment Repair Order, Shopping List (NAVMC 10925).
3. Fill out Inspection Tag (NAVMC 1018).

Performance Standard. With the aid of reference, complete the above listed forms without error.

Instructor. BI, SI

Reference
1. TM 4700-15/1
2. MCO P4790.2
3. MCO P4400.16

PMCM-2405 2.0 (*) B L

Goal. Conduct an SL-3 inventory.

Requirement. Given the references and a piece of equipment with its record jacket containing an SL-3 extracts:

1. Conduct the inventory.
2. Identify and document missing, broken, or unserviceable SL-3 items IAW references
3. Document completed inventory findings in the record jacket.

Performance Standard. With the aid of reference, conduct the SL-3 inventory by completing the requirement items.

Instructor. BI, SI

Reference
1. TM 4700-15/1
2. MCO P4790.2
3. Applicable SL-3 extracts.

PMCM-2475 1.5 (*) B L

Goal. State the purpose of Preventative Maintenance Checks and Services (PMCS).

Requirement. Given an end item, completed NAVMC 10561, and applicable TM:

1. State the purpose of preventive maintenance.
2. Identify the PM frequency.
3. Identify PM procedures.
4. Identify the required reference materials.

Performance Standard. With the aid of reference, identify the above requirement items without error.

Instructor. BI, SI

Reference

1. TM 4700-15/_
2. NAVMC 10561
3. MCO P4790.2_

PMCM-2480 8.0 (*) B L

Goal. Conduct Preventive Maintenance Checks and Services (PMCS).

Requirement. Given ADPE equipment and references:

1. Inspect equipment for damage.
2. Clean all cable and jacks.
3. Clean equipment, interior and exterior.

Performance Standard. With the aid of reference, conduct PMCS.

Instructor. BI, SI

Reference
1. MCO P4790.2_
2. TM 4700 15/1_

PMCM-2485 2.0 (*) B L

Goal. Initiate Corrective Maintenance (CM).

Requirement. Given a faulty piece of equipment, a checklist and applicable MIMMS documents, induct faulty equipment into maintenance cycle.

Performance Standard. With the aid of reference, initiate CM on the faulty piece of equipment by completing the checklist and inducting the equipment into the maintenance cycle.

Instructor. BI, SI

Prerequisite. 2480

Reference
1. TM-4700/15-1H
2. MCO P4790.2

3.9.14 COLLATERAL DUTIES (CD) STAGE

3.9.14.1 Purpose. To familiarize the trainee on the duties and responsibilities of each collateral duty in a maintenance shop.

3.9.14.2 General

Prerequisite. NONE

Admin Notes. Familiarization of all maintenance collateral duties gives the technician an awareness of the different essential functions required within the maintenance section. The core maintenance

collateral duties are:

1. Calibrations
2. Modifications
3. Tool Control
4. Publications
5. Safety/Hazardous Materials (HAZMAT)
6. Embarkation
7. Marine Integrated Maintenance Management Service (MIMMS)
8. Equipment Records
9. Quality Assurance

Crew Requirements: NONE

CD-2500 8.0 (*) B L

Goal. State the maintenance Collateral Duties (CD).

Requirement. Receive an overview from each collateral duty holder, and at a minimum must be able to state the following:

1. Calibration CD
   a. State the purpose of the TMDE program.
   b. State the duty responsibilities.
2. Modification CD
   a. State the purpose of the modification program.
   b. State the duty responsibilities.
3. Tool Control CD
   a. State the purpose of the tool control program.
   b. State the duty responsibilities.
4. Publications CD
   a. State the purpose of the publications program.
   b. State the duty responsibilities.
5. Safety CD
   a. State the purpose of the safety program.
   b. State the duty responsibilities.
6. Hazmat CD
   a. State the purpose of the HAZMAT program.
   b. State the duty responsibilities.
7. Embarkation
   a. State the purpose of the embarkation program.
   b. State the duty responsibilities.
8. MIMMS
   a. State the purpose of the MIMMS program.
   b. State the duty responsibilities.
9. Records
   a. State the purpose of the records program.
   b. State the duty responsibilities.
   c. State the purpose of an equipment record jacket and list the minimum content required per MCO P4790.2.
10. Quality Assurance
    a. State the purpose of the quality control program.
    b. State the duty responsibilities.

Performance Standard. After each CD brief, each collateral duty holder will ask the trainee to verbally state the purpose and responsibilities of that CD. Once all CD briefs have been received the event is considered complete.

Instructor. BI or SI that is either currently assigned to the CD or was last assigned to the CD within the last 12 months.

Reference
1. MCO 5210.11E
2. MCO P5125.17C
3. MCO 4790.2_
4. TM 4700-15/1_
5. Applicable CD Desktops
6. MCO 5100.29_
7. MMO SOP
8. MCO 4790.1
9. MCO 5600.1

CD-2505 1.0 (*) B L

Goal. Identify the Maintenance Calibrations Program.

Requirement. Given three pieces of Test Measurement and Diagnostic Equipment (TMDE), verify the following:

1. TMDE is correctly marked with calibrations information.
2. Calibration date is current.

Performance Standard. With the aid of reference, complete the requirement.

Instructor. BI or SI that is either currently assigned to the calibrations CD or held the CD within the last 12 months.

Prerequisite. 2500, MCI 287A

Reference.
1. MCO P4790.2_
2. MMO SOP

CD-2510 2.0 (*) B L

Goal. Identify the Maintenance Modifications Program.

Requirement. Conduct the following:

1. Describe the purpose of the maintenance modification program
2. Demonstrate how modifications are:
   a. Identified
   b. Installed
   c. Verified
   d. Recorded

Performance Standard. With the aid of reference, conduct the requirement above without error.

Instructor. BI or SI that is either currently assigned to the CD or was last assigned to the CD within the last 12 months.

Prerequisite. 2500

Reference
1. PLMS,
2. MCO P4790.2C,
3. TM-4700-15/1H
4. Maintenance Modifications Program CD Desktop

CD-2515 2.0 (*) B L

Goal. Demonstrate how to maintain a tool box.

Requirement. Given the references and a tool box, complete the following steps to sustain tool accountability and serviceability:

1. State the purpose of a tool box and assigned responsibilities.
2. Ensure tool box record jacket is current.
3. Conduct an SL-3 inventory of all tools in the tool box.
4. PM each tool and ensure they are serviceable.
5. State the process for replacement of the unserviceable tools.
6. Ensure proper documentation.

Performance Standard. With the aid of reference, complete the requirement items. Instructor will ensure all items are serviceable, account for, and documented in the record jacket.

Instructor. BI, SI

Prerequisite. 2500

Reference
1. MMO SOP
2. MCO P4790.2

CD-2520 2.0 (*) B L

Goal. Identify the Maintenance Publications Library.

Requirement. Conduct the following:

1. Demonstrate how to locate required publications for specific equipment.
2. Demonstrate how to verify publications are up-to-date.
3. Describe the purpose of Publications Library Management System (PLMS).
4. Fill out a NAVMC 10772.

Performance Standard. With the aid of reference, demonstrate the requirement items without error. Locate and verify that a sampling of (3) publications are up to-date.

Instructor. BI or SI that is either currently assigned to the CD or was last assigned to the CD within the last 12 months.

Prerequisite. 2500

Reference
1. MCO 5210.11E
2. MCO P5125.17C
3. PLMS
4. MCO P4790.2
5. MMO SOP
6. Maintenance Publications Library Desktop

CD-2525 2.0 (*) B L

Goal. Identify major Maintenance Safety Program elements.

Requirement. Conduct the following:

1. Define the purpose of Lock-out/Tag-out.
2. Demonstrate lock-out/tag-out procedures.
3. Eliminate the effects of ESD on electronic components.
   a. Define ESD.
   b. Setup ESD workstation.
   c. Demonstrate proper use of ESD workstation during repair of ESD sensitive circuit.
   d. Demonstrate proper packaging and handling of ESD sensitive material.
4. Describe HAZARD prevention as it applies to:
   a. Electrical hazards
   b. Eye hazards
   c. Hearing hazards
   d. RF hazards
   e. Fire hazards
5. Identify HAZMAT procedures.
   a. State purpose of a Material Safety Data Sheets (MSDS).
   b. Properly store and label HAZMAT materials.
   c. Demonstrate proper usage of Personal Protective Equipment (PPE).
   d. State the purpose of and locate the read safety board.

Performance Standard. With the aid of reference, pass a written exam on the requirements noted above with 80% accuracy.

Instructor. BI or SI that is either currently assigned to the CD or was last assigned to the CD within the last 12 months.

Prerequisite. 2500

Reference.
1. MCO 5100.29
2. MCO 4450.12
3. MCO 5100.8
4. TM 07751B Series
5. TM 07736C Series
6. OSHA standard 29 CFR 1910.147
7. Electro Discharge Mgmt (ESD) TM-9999-15/2
8. Maintenance Safety Program Desktop

CD-2530 2.0 (*) B L

Goal. State the purpose of the Material Safety Data Sheet (MSDS) and the MSDS compliance center.

Requirement. Given an MSDS and references:

1. State the purpose of MSDS.
2. List the section of an MSDS.
   a. Chemical identity.
   b. Manufactures name and contact information.
   c. Hazardous ingredients/identity information.
   d. Physical/chemical characteristics.
   e. Fire and explosion hazard data.
   f. Reactivity data.
   g. Health hazard data.
   h. Precautions for safe handling and use.
   i. Control measures.
3. State the purpose of the MSDS center.
4. Locate the MSDS compliance center in the maintenance department.

Performance Standard. With the aid of the MSDS Binder, state the purpose and components of a Material Safety Data Sheet (MSDS) without error.

Instructor. BI or SI that is either currently assigned to the CD or was last assigned to the CD within the last 12 months.

Prerequisite. 2500

Reference
1. Maintenance Safety SOP
2. MSDS binder
3. 29 CFR 1910.1200
4. MCO 4450-12
5. MCO P4790.2_
6. OSHA Reference
7. Associated Desktop

CD-2535 3.0 (*) B L

Goal. Identify the key elements of the Maintenance Embarkation Program.

Requirement. Given the references:

1. State the purpose of the maintenance embarkation program
2. State the purpose of the equipment density list (EDL).
3. List length, width, height, and weight of major end items.
4. Identify ground equipment transportation requirements.
5. Identify Heavy Equipment (HE) requirements needed for systems movement.

Performance Standard. With the aid of reference, identify the four key elements listed above without error.

Instructor. BI or SI that is either currently assigned to the CD or was last assigned to the CD within the last 12 months.

Prerequisite. 2500

Reference
1. MCRP 4-11.3_ Unit Embarkation Handbook
2. MCO P4790.2_
3. Technical Manuals
4. Maintenance Embarkation Program Desktop

CD-2540 2.0 (365) B,R L

Goal. Complete MIMMS forms.

Requirement. Given the following blank forms and references state their purpose and completely fill in each one:

1. NAVMC 10245 Equipment Repair Order (ERO).
2. NAVMC 10925 Equipment Repair Order Shopping List (EROSL).
3. NAVMC 1018 Inspection/Repair Tag (IRT).

Performance Standard. With the aid of reference, state the purpose for each form. Complete each form without error. Completion of the MIMMS Clerk Course satisfies the requirement.

Instructor. BI, SI

Prerequisite. 2500, MCI 0410

Reference
1. UM 4790.5
2. TM 4700-15/1_
3. MCO P4790.2_
4. MCBUL 3000
5. MCO P4400.16_
6. Applicable Desktop

CD-2545 1.0 (*) B L

Goal. Identify the equipment record jacket.

Requirement. Given the references and a record jacket:

1. State the purpose of a record jacket.
2. State the minimum content requirements for an equipment record jacket.
3. State the destruction instructions for each document within the record jacket.
4. State the local policy for disposition of inactive record jackets.
5. Inspect the record jacket content for completeness.

Performance Standard. With the aid of reference, complete the requirement items.

Instructor. BI, SI

Prerequisite. 2500

Reference
1. MCO P4790.2_
2. TM-4700-15/1_
3. MCO 5210.11E

3.9.15 COMMUNICATIONS SECURITY (COMSEC) STAGE

3.9.15.1 Purpose. To teach the trainee safe handling and storage of classified material, use of common fill devices, crew changeover procedures, and provide familiarization with the EKMS COMSEC callout.

3.9.15.2 General

Prerequisite. Complete MCI 2525B, Communications Security.

Admin Notes. NONE

Crew Requirements: NONE

COMSEC-2600 2.0 (365) B, R L

Goal. Describe proper handling and storage of classified materials.

Requirement. Conduct the following:

1. State the different levels of classification.
2. State the marking requirements for each level of classification.
3. State the Two-Person Integrity (TPI) rule.
4. State storage procedures for each level of classification.
5. Identify transportation requirements for classified material.
6. State the sections of the SF-702.
7. Identify the approved security containers utilized for storage.
8. Identify the procedures for handling Controlled Cryptographic Items (CCIs).

Performance Standard. Without the aid of reference, state the above requirement items without error.

Instructor. BI, SI

Prerequisite. MCI 2525

Reference
1. MCO P5510.18_
2. EKMS-1
3. Local SOP
4. SECNAVINST 5510.36

COMSEC-2605 2.0 (365) B, R L

Goal. Ensure physical security of classified areas.

Requirement. Given a scenario and references, illustrate personnel and equipment security procedures.

1. Create guard schedule.
2. Single entry control point.
3. Verify personnel on Access Roster.
4. Triple Strand Concertina Wire.
5. Entry points of communication lines.
6. Submit a physical security diagram.

Performance Standard. With the aid of reference, draw a diagram depicting the information listed in the requirement section; instructor will validate that the diagram supports the scenario.

Instructor. BI, SI

Prerequisite. MCI 2525

Reference. MCO P5530.14_

COMSEC-2610 2.0 (365) B,R L

Goal. Conduct crew change over security procedures.

Requirement. During a crew change over:

1. Conduct Classified Material Control Center inventory.
2. Conduct EKMS inventory.
3. Destroy superseded key materials.

Performance Standard. With the aid of reference, conduct the inventories and destroy key materials without discrepancy.

Instructor. BI, SI

Prerequisite. 2000, MCI 2525

Reference
1. EKMS-1A
2. COMSEC Callout
3. Local unit SOP

COMSEC-2615 2.0 (365) B,R L

Goal. Extract key material information from EKMS COMSEC callout.

Requirement. Given an EKMS COMSEC callout and references:

1. State the purpose of the EKMS COMSEC callout.
2. Identify the four main pieces of key information:
   a. Short Title
   b. Edition
   c. Segment

d. Classification
e. Supersession date

3. Identify segment roll over dates and time.

Performance Standard. With the aid of reference, state the purpose and identify the key information on the callout without error.

Instructor. BI, SI

Prerequisite. 2000, MCI 2525

Reference
1. EKMS-1A
2. COMSEC Callout
3. Local SOP

COMSEC-2620 2.0 (365) B,R (1) SKL L

Goal. Utilize Simple Key Loader (SKL) or Data Transfer Device (DTD).

Requirement. Given (2) loaded SKL or DTDs and a zeroized cryptographic device:

1. Describe the purpose of SKL.
2. Define a SKL loading procedure.
3. Configure the SKL.
4. Identify SKL indicators and messages.
5. Transfer key material to Controlled Cryptographic Item (CCI) equipment.
6. Given two (2) Simple Key Loader (SKL) and the reference, transfer cryptographic information from device to device.
7. Destroy superseded keying material within the cryptographic fill device.

Performance Standard. With the aid of reference, load keying material into appropriate COMSEC equipment using a fill device and destroy superseded keying material IAW the references.

Instructor. BI, SI

Prerequisite. 2000, 2010, 2015, MCI 2525

Reference
1. EKMS-1A
2. COMSEC Callout
3. Local SOP

3.9.16 FAMILIARIZATION (FAM) STAGE

3.9.16.1 Purpose. To build the trainee's awareness in the fundamentals of MACCS maintenance communication system, tactical data links, system administration, and system networks to include radar and tactical data systems.

3.9.16.2 General

Prerequisite. NONE

Admin Notes. The performance standard for all events in this stage will be conducted in a question and answer verbal format and with the aid of reference.

Crew Requirements: NONE

FAM-2655 2.0 (*) B L

Goal. State HF, VHF, and UHF frequency spectrums.

Requirement. State the frequency spectrum for:

1. HF.
2. VHF.
3. UHF.

Performance Standard. With the aid of reference, state the frequency spectrum for HF, VHF, and UHF.

Instructor. BI, SI

Reference. MCRP 3-40.3B.

FAM-2660 2.0 (1460) B, R L

Goal. Describe HF, VHF, UHF radio characteristics.

Requirement. Given a list of radio equipment and applicable references, describe the following characteristics for each:

1. AN/GRC 171B(V)4
   a. Purpose and use of the radio
   b. Frequency range
   c. Power output
2. AN/VRC 104
   a. Purpose and use of the radio
   b. Frequency range
   b. Power output
3. AN/VRC 103
   a. Purpose and use of the radio
   b. Frequency range
   c. Power output
4. AN/VRC 110
   a. Purpose and use of the radio
   b. Frequency range
   c. Power output
5. AN/GRC 242
   a. Purpose and use of the radio
   b. Frequency range
   c. Power output
6. AN/GRC 256

a. Purpose and use of the radio
b. Frequency range
c. Power output

Performance Standard. With the aid of reference, state the frequency and power output for all radios listed in the requirement.

Instructor. BI, SI

Reference. MCRP 3-40.3B.

FAM-2665 2.0 (*) B L

Goal. Demonstrate an earth ground installation.

Requirement. Given a grounding kit and PPE:

1. Install an earth ground using a:
   a. Grounding rod.
   b. MK-255IAU Grounding Kit (SWIG).
2. Verify proper grounding reading utilizing appropriate test equipment.

Performance Standard. With the aid of reference, install an earth ground. The Instructor shall verify the grounding was successful.

Instructor. BI, SI

Prerequisite. 2225

Reference. MCRP 3-40.3B

3.9.17 MAINTENANCE MANAGEMENT (MMGT) STAGE

3.9.17.1 Purpose. To teach the trainee how to perform MACCS maintenance functions.

3.9.17.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

MMGT-2700 2.0 (*) B L

Goal. Demonstrate an understanding of the Total Force Structure Management System (TFSMS).

Requirement. Given access to TFSMS, complete the following:

1. View and interpret information on structure and equipment.
2. Create structure and equipment reports.
3. State the reason for submitting a Table of Organization and Equipment Change Request (T/OECR).
4. Demonstrate how to manipulate structure and equipment data using electronic TOECRs.

Performance Standard. Complete the Total Force Structure Management Systems (MC TFSMS) online training located on the TFMS website, https://tfsms.mccdc.usmc.mil. SI may assist trainees.

Instructor. TFSMS Online

Prerequisite. Per course syllabus requirements.

Reference. https://tfsms.mccdc.usmc.mil

MMGT-2702 2.0 (*) B L

Goal. Identify the contents of a turnover binder.

Requirement. Given the reference, perform the following:

1. Outline the required contents of a turnover binder.
2. Review a turnover binder.

Performance Standard. With the aid of reference, submit to the evaluator an outline that lists all required contents of a turnover binder. Review a turnover binder and ensure it is in compliance with the reference.

Instructor. BI, SI

Prerequisite. 2000, 2405, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242

Reference. MCO P4790.2_

MMGT-2704 3.0 (*) B L

Goal. Ensure proper preparatory measures are taken for disposition of equipment.

Requirement. Given a scenario, the Material Fielding plans, User's Logistic Support Summary (ULSS), and appropriate directives, ensure unserviceable/obsolete equipment is properly disposed.

1. Provide supply with disposition request.
2. Ensure final SL-3/LTI is performed.
3. Ensure record jackets are with equipment.
4. Provide supply with required documentation to remove from CMR.

Performance Standard. With the aid of reference, verbally describe the process to dispose of equipment according to the disposition instructions and the references.

Instructor. BI, SI

Prerequisite. 2000, 2475, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242

Reference
1. Equipment Disposition Instructions
2. Supply Instructions (SI)
3. User Logistics Supply Support Summary's (ULSS)
4. SL-3 or other inventory documents.

MMGT-2706 1.0 (*) B L

Goal. Create a Preventive Maintenance Checks and Services (PMCS) schedule.

Requirement. Given a list of equipment requiring PMCS create a schedule.

Performance Standard. With the aid of reference, create the PMCS schedule.

Instructor. BI, SI

Prerequisite. 2405, 2500, 2515, 2545

Reference
1. TM-4700-15/1H
2. MCO P4790.2_

MMGT-2708 1.5 (1460) B,R L

Goal. Ensure tool control procedures are implemented.

Requirement. Given the applicable references:

1. Ensure inventories for all tool sets, chests, and kits are being conducted.
2. Ensure Special Tools allowances are maintained.
3. Ensure missing and unserviceable items are placed on order.
4. Ensure excess tools are properly disposed / documented.
5. Verify completion of PM's.
6. Annotate inventory control records without error.
7. Write a report identifying discrepancies in the implementation of the procedures.

Performance Standard. With the aid of reference, ensure tool control procedures are implemented by completing the requirement items. Instructor will validate the discrepancy report.

Instructor. BI, SI

Prerequisite. 2500

Reference
1. MMO SOP
2. MCO P4400.150
3. MCO P4790.2_
4. AIRS Checklist 754

MMGT-2710 4.0 (365) B,R L

Goal. Reconcile Marine Corps Integrated Maintenance Management System (MIMMS) Automated Information System (AIS) reports.

Requirements. Given the AIS reports listed in item 1 below:

1. Identify the purpose of:
   a. Daily Process Report (DPR)
   b. Logistics Maintenance 2 (LM2)
   c. Daily Transaction List (DTL)
   d. Exceptions Report
   e. TAM report
   f. LM2 report
   g. Loaded unit balance file (LUBF)
   h. Due and status file (DASF)
   i. Equipment Record Order (ERO) NAVMC 10425
   j. Equipment Record Order Supply Listing (EROSL) NAVMC 10925
   k. Inspection repair tag (NAVMC 1018)
   l. Layette bin.
2. Identify the type of information contained in each of the forms listed above.
3. Identify the status of a parts requisition.
4. Identify proper use of UMMIPS priorities.
5. State item requisition priorities.
6. State any errors found within each of the forms listed above.
7. Reconcile all items listed above and list all errors found in each form.
8. Explain how to maintain a layette bin.

Performance Standard. With the aid of reference, complete the requirement items. Minimal instructor assistance is allowed. Verbally identify errors on AIS reports provided and identify corrective actions to the instructor. Instructor will guide the student throughout this training evolution. Completion of the MIMMS Supervisors Course satisfies the standard.

Instructor. BI, SI

Prerequisite. 2000, 2405, 2500, 2515, 2520, 2535, 2545, 2722, 2806, 2836, 3208, 3210, 3212, 3242, MCI 0410, MCI 0414

Reference
1. MCO P4790.2_
2. MCBUL 3000
3. NAVMC 10425
4. NAVMC 10925
5. UM 4790-5

6. MCO P4400.16
7. TM 4700.15/1_
8. DLA Handbook
9. Unit MMSOP

MMGT-2712 2.0 (1460) B,R L

Goal. Identify the float process.

Requirement. Given a practical application scenario, applicable maintenance and supply documents:

1. Define the purpose of the float process.
2. Define the purpose of Critical Low Density items.
3. Identify the key components of the float process.
4. Identify the key documentation within each component of the float process.
5. Identify the float re-computation process.
6. Identify Low Density Float assets.

Performance Standard. Without the aid of reference, define the float process and provide recommendations for organizational critical Low Density Float assets and required on-hand quantities to the instructor for approval.

Instructor. BI, SI

Prerequisite. 2100, 2112, MCI 0410

Reference
1. MCO 4790.2_
2. MCO P4400.150_
3. FEDLOG

MMGT-2714 2.0 (1460) B,R L

Goal. Define the four major funding lines.

Requirement. Given the applicable references, define the four major funding lines.

1. Operation & Maintenance (O&M) Funds
    a. Planning Estimate (PE)
        (1) Defense Subsistence Supply Center (DSSC)
        (2) Temporary Additional Duty
        (3) Fuel
        (4) Government-wide Commercial Purchase Card Program (GCPC)
    b. Requisition Authority (RA) - Supported Activities Supply System (SASSY)
2. Research, Development, Test & Evaluation (RDT&E)
3. Procurement, Marine Corps (PMC)
4. Military Construction (MILCON)

Performance Standard. With the aid of reference, define the requirement items.

Instructor. BI, SI

Reference
1. MCO P4400.150_
2. MCO P7100.8_

MMGT-2716 2.0 (*) B L

Goal. Ensure new equipment is being inducted into service.

Requirement. Given a practical application, a Material Fielding Plan (MFP) or Users Logistics Support Summary (ULSS) and applicable references:

1. Review the MFP or ULSS.
2. Validate new equipment is properly placed into service.
   a. Ensure record jacket was created with required documents.
   b. Ensure an initial LTI was performed
   c. Ensure initial SL-3 was performed.
   d. Verify equipment is added to Major Subordinate Command (MSC) Mechanized Allowance List (MAL).
   e. Ensure induction of new equipment into calibration cycle if required.

Performance Standard. With the aid of reference, complete the practical application and the requirement items. The instructor will validate that the process was demonstrated per the reference.

Instructor. BI, SI

Prerequisite. 2400, 2500, 2540, 2545, MCI 0410

Reference
1. Supply Instructions (SI)
2. ULSS
3. Equipment SL-3
4. Initial Issuing Provision Inventories
5. MCO 5311.1C
6. MCO P4400.82
7. UM 4400.124
8. MCCDC 1001

MMGT-2718 2.0 (*) B L

Goal. Verify equipment is properly phased out.

Requirement. Given a Phase Out Plan (POP) and applicable references, demonstrate and validate phase out of obsolete equipment, to include at minimum:

1. Review the POP and applicable references.
2. State the purpose of:
   a. Recoverable Items Report (WIR)
   b. WIR Online Process Handler program. (WOLPH)
   c. Material Returns (MTR) program.

3. Validate obsolete equipment was disposed of properly by ensuring the following:
   a. Ensure a final LTI was performed.
   b. Ensure a final SL-3 was performed.
   c. Ensure a Recoverable Items Report (WIR) - request for disposition - was submitted using the WOLPH.
   d. Ensure equipment was disposed of IAW instructions in Phase out plan.
   e. Ensure the record jackets were completed and accompanied equipment.
   f. Ensure the equipment and proper documentation was sent to Supply for turn-in.
   g. Ensure supply received the proper documentation to remove equipment from the CMR.

Performance Standard. With the aid of reference, complete the practical application and the requirement items. The instructor will validate that the process was completed per the reference.

Instructor. BI, SI

Prerequisite. 2000, 2405, 2500, 2520, 2535, 2540, 2545, 2704, 2722, 2806, 2836, 3208, 3210, 3212, 3242, MCI 0410

Reference.
1. Supply Instructions (SI)
2. ULSS
3. Equipment SL-3
4. Initial Issuing Provision Inventories
5. MCO 5311.1C
6. MCCDC 1001
7. MCO P4400.82
8. UM 4400.124

MMGT-2720 2.0 (1460) B,R L

Goal. Ensure Quality Assurance (QA) procedures are being performed correctly for organic unit systems.

Requirement. Given the references and TACC equipment records, ensure QA procedures are properly being performed by:

1. Identify maintenance QA procedures
2. List all the QA areas within your section.
3. State the frequency of the QA checks for each area.
4. Conduct a QA inspection on a selected piece of equipment:
   a. Ensure equipment is being maintained to equipment standards.
   b. Ensure proper quality controls are being adhered to.
   c. Ensure inspection standards, checklists or templates being used to inspect completed maintenance actions.
   d. Ensure equipment specifications are being recorded within tolerance levels IAW TM.
   e. Verify the repair process is properly implemented by ensuring that:
      (1) Proper tools were used
      (2) ESD procedures were used

(3) Safety warnings were adhered to
(4) Necessary defective parts were replaced
(5) Correct software was used, as applicable
(6) Proper MIMMS forms are used during maintenance cycle

5. Ensure NAVMC-10772 form was completed and verified.
6. Write a report identifying discrepancies.

Performance Standard. With the aid of reference, ensure QA procedures are being performed IAW the references by completing the requirement items; and the discrepancy report is validated by the instructor.

Instructor. BI, SI

Prerequisite. 2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242

Reference
1. MCO P4790.2
2. MMO SOP

MMGT-2722 16.0 (1460) B, R L

Goal. Conduct an inspection of maintenance functional areas.

Requirement. Given the applicable references and inspection checklists, demonstrate the procedures for inspecting three of the following functional areas.

1. State the purpose for inspecting functional areas.
2. List the functional areas in your section.
3. Schedule an inspection for three of the below listed areas selected by the instructor.
   a. Calibration Control Program
   b. Publication Control Program
   c. Quality Assurance Program
   d. Preventative Maintenance Program
   e. Modification Control Program
   f. Tool Control Program
   g. Marine Corps Integrated Maintenance Management System/ Automated Information System (MIMMS/AIS)
   h. Training Program
   i. Records
   j. Safety Program
   k. Corrosion Prevention and Control (CPAC)
4. Inform functional area managers of the inspection.
5. Conduct an inspection on the three selected areas.
6. Submit an executive summary at the conclusion of each of the three inspections.

Performance Standard. With the aid of reference, conduct the requirement items; conduct an inspection of the three selected functional areas with minimal assistance.

Instructor. BI, SI

Prerequisite. 2500, 2520

Reference
1. MCO 4790.2
2. MCO P4400.82
3. MCO P4400.160
4. MCO P4400.150
5. MCO 4855.10
6. MCO 4790.18
7. MCO 4733.1
8. MCO 4450.12
9. MCO 4400.16
10. MCO 4105.2 W/CH 1
11. UM-PLMS W CH 1-2
12. NAVMC DIR 5100.8
13. NAVMC 2761 DTD 1 JUN 08
14. MCO P5215.17
15. MCO P5102.1
16. MCO P5090.2
17. MCO 5104.2
18. MCO 5104.1
19. MCO 5100.8
20. MCO 5100.29
21. MCO 1553.3
22. MCO 3000.11
23. MCO 3500.14
24. MCO 3710.6 (PRELIM)

MMGT-2724 16.0 (*) B L

Goal. Identify the process to submit a Table of organization and equipment (TO&E) Change Request (TOECR).

Requirement. Given a scenario and applicable references:

1. State the purpose for a TOECR
2. Pull TO&E via the Total Force Structure Management System (TFSMS).
2. Validate the requirement for change.
3. Complete TOECR form, NAVMC 11355.
4. Identify compensation for T/O changes when possible.
5. Provide an explanation/reason for change request on the change request form in plain English.
6. Provide a copy of the NAVMC 11355 to the instructor for review and validation.

Performance Standard. With the aid of reference, complete the requirement items to support the scenario; instructor will ensure the NAVMC 11355 supports the scenario requirement.

Prerequisite. Advanced Technician Qualification (6110), 2300.

The requirement can be satisfied by completing the TFSMS Super User Course - instructions on how to obtain MTT training is located on the TFMS website, https://tfsms.mccdc.usmc.mil

Instructor. TFSMS MTT, BI, SI

Prerequisite. 2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2700, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242

Reference
1. MCO 5311.1_.
2. Unit TO&E

MMGT-2726 2.0 (*) B L

Goal. Submit a request for equipment using the Marine Corps Urgent Needs Process (MCUNP).

Requirement. Given references and an urgent equipment requirement:

1. State the purpose of the Urgent Needs Statement (UNS).
2. State the purpose of the Urgent Universal Needs Statement (Urgent UNS)
3. Describe the process for completing an Urgent UNS form.
4. Complete and submit an Urgent UNS to support the requirement.

Performance Standard. With the aid of reference, state the process and submit the Urgent UNS form to the instructor for final validation.

Instructor. BI, SI

Prerequisite. 2806

Reference
1. NAVMC 11475
2. MCO 3900.17_

MMGT-2728 16.0 (1460) B,R L

Goal. Develop a maintenance section budget.

Requirement. Utilizing equipment maintenance history and forecasting anticipated maintenance shortfalls, propose funding allocations for maintenance activities.

1. Provide maintenance funding request based on current requirements while considering prior year utilization history.
2. Draft an anticipated maintenance funding request based on the unit's TEEP to support

a. Personnel travel requirements
b. Administrative support requirements (SERVMART)
3. Submit funding request with justification.

Performance Standard. With the aid of reference, complete the requirement items IAW the references. Submit the funding request to the instructor for review and validation.

Instructor. BI, SI

Prerequisite. 2714

Reference
1. MCO P4400.150_
2. MCO P7100.8_

MMGT-2730 40.0 (1460) B,R L

Goal. Conduct a Consolidated Memorandum Report (CMR) Review.

Requirement. Given the references and a maintenance section's CMR, ensure equipment accountability and requirements by performing the following:

1. State the purpose of a CMR.
2. Review TE.
3. Conduct a CMR inventory.
   a. Ensure SL-3 accountability for assumption and relief.
   b. Determine Using Unit Responsibility (UURI)/Government Furnished Equipment (GFE) requirements.
   c. Ensure equipment have record jackets.
   d. Identify discrepancies, if any.
4. Write a letter of discrepancy.
5. Submit results within specified time period.

Performance Standard. With the aid of reference, complete a CMR review. Submit the discrepancy letter to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2000, 2400, 2405, 2500, 2520, 2535, 2540, 2545, 2704, 2716, 2722, 2806, 2836, 3208, 3210, 3212, 3242

Reference
1. MCO P4400.150E W/ERRATUM CH 1-2
2. CMR
3. MMO SOP

MMGT-2732 2.0 (*) B L

Goal. Ensure publications are properly maintained.

Requirement. Given the references:

1. Check publications library for missing TMs.
2. Check publications library for missing Modification

Instructions.
3. Check publications library for missing Technical Instructions.
4. Check publications library for missing Supply Instructions.
5. Check publications library to ensure publication changes have been incorporated.
6. Ensure the reconciliation process is being conducted between S 1/MMO and the Publications NCO.
7. Write a report identifying discrepancies in the implementation of the procedures.

Performance Standard. With the aid of reference, ensure publications procedures are implemented by completing the requirement items. Submit the discrepancy report to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2500, 2520

Reference
1. MCO P5600.31
2. NAVMC 2761
3. Marine Corps Stock List SL-1-3/1-2
4. MCO P4790.2_
5. AIRS Checklist 754
6. MMO SOP

MMGT-2734 1.0 (*) B L

Goal. Ensure the maintenance safety control procedures are implemented.

Requirement. Given the references:

1. Verify that the safety procedures are implemented.
2. Verify that HAZMAT safety procedures are implemented and documented.
3. Write a report identifying discrepancies in the implementation of the procedures.

Performance Standard. With the aid of reference, ensure the safety control procedures are implemented by completing the requirement items. Submit the discrepancy report to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2500, 2525

Reference
1. MCO 5100.29_
2. MCO P4790.2_
3. MMO SOP

MMGT-2736 1.0 (*) B L

Goal. Ensure calibrations procedures are implemented

Requirement. Given the applicable references:

1. Verify accuracy of locally generated reports and Consolidated Memorandum Receipt (CMR)
2. Review reconciliation procedures
3. Review calibration scheduling of TMDE
4. Verify locally generated reports and equipment records reflect the proper calibration status.
5. Write a report identifying discrepancies in the implementation of the procedures.

Performance Standard. With the aid of reference, ensure calibrations procedures are implemented by completing the requirement items. Submit the discrepancy report to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2500, 2505, MCI 287

Reference
1. TM-4700-15/1
2. MCO 4790.1
3. MMO SOP
4. MCO 4790.2
5. AIRS Checklist 754

MMGT-2738 2.0 (*) B L

Goal. Ensure the Marine Corps Integrated Materiel Management System (MIMMS) is properly maintained.

Requirement. Given the references:

1. Review AIS Documentation.
2. Validate accuracy of reports.
3. Ensure reconciliation with MMO is being conducted.
4. Ensure reconciliation with supply is being conducted.
5. Ensure ERO parts are bin are maintained.
6. Review maintenance forms for accuracy.
7. Review MCGERR dead-lined equipment reports for accuracy.
8. Ensure proper use of maintenance forms and ground equipment records.
9. Write a report identifying discrepancies.

Performance Standard. With the aid of reference, ensure MIMMS CD is properly maintained by completing the requirement items. Submit the discrepancy report to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2500, 2540, MCI 0410

Reference

1. MCO P4700.2
2. MCO P4790.1B
3. TM-4700-15/1
4. MCBUL 3000
5. AIRS Checklist 754
6. MMO SOP

MMGT-2740 1.0 (*) B L

Goal. Ensure classified and CCI material handling procedures are implemented.

Requirement. Given the references:

1. Verify classified material is stored in GSA approved container.
2. Verify proper and timely destruction of superseded segments.
3. Verify SF-702s are properly completed.
4. Verify classified material is transported properly.
5. Write a report identifying discrepancies.

Performance Standard. With the aid of reference, ensure classified and CCI material handling procedures are being implemented by completing the requirement items. Submit the discrepancy report to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2600, 2605, 2610, 2615, 2620

Reference
1. EKMS-1A series
2. SECNAV M-5510.36_
3. MCO 5510.18_

MMGT-2742 1.0 (*) B L

Goal. Ensure Preventive Maintenance Checks and Services (PMCS) are being conducted on organic unit systems.

Requirement. Given the references:

1. State the purpose of PMCS and PM schedule
2. Ensure the "overarching" PM schedule data is accurate.
3. Ensure the PM equipment schedule for each item is accurate.
4. Ensure completion of PM within the required time.
5. Proper documentation of PM on:
   a. Equipment repair order (ERO).
   b. PM schedule.
6. Identify the Corrosion Prevention and Control (CPAC) program/procedures.
7. Write and submit a report identifying discrepancies in the implementation of the procedures.

Performance Standard. With the aid of reference, ensure PMCS is being conducted on TAOC Air Defense Systems. Submit the discrepancy report to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2000, 2475, 2480, 2500, 2520, 2535, 2540, 2545, 2704, 2716, 2722, 2806, 2836, 3208, 3210, 3212, 3242

Reference
1. MCO P11262.2_
2. MCO P4790.2
3. Applicable TMs/UMs
4. AIRS Checklist 754
5. Unit MMO SOP

MMGT-2744 1.0 (*) B L

Goal. Ensure equipment records for the unit PEIs are maintained.

Requirement. Given the references:

1. Review equipment record jackets.
2. Review equipment maintenance history.
3. Review equipment inventory.
4. Review modification history.
5. Review preventive maintenance history.
6. Write a report identifying discrepancies.

Performance Standard. With the aid of reference, ensure the equipment records are being maintained by completing the requirement items. Submit the discrepancy report to the instructor for validation.

Instructor. BI, SI

Prerequisite. 2500, 2545

Reference.
1. TM-4700-15/1
2. MCO P11240.106
3. AIRS Checklist 754
4. MMO SOP
5. MCO P4790.2_

MMGT-2746 4.0 (365) B,R L

Goal. Prepare and present a command level brief

Requirement. Given an OPORD and commander's intent:

1. Prepare a brief that contains at minimum the following:
   a. State the OPORD mission
   b. Maintenance implied tasks extracted from the OPORD
   c. Develop and include the following:
      (1) Accreditation Package
      (2) TBMCS architecture
      (3) TDL architecture
   d. List equipment requirements to support mission
   e. Define crew composition and management based on T&R CMMR

f. Define the maintenance training plan per T&R requirements
g. State the movement plan for deployment
h. Embarkation
i. Emplacement
j. Setup
k. Retrograde draft plan
l. State maintenance sustainment plan
m. State supply support required
n. State logistical support required
o. Issues of concern
p. Way Ahead

2. Present the brief

Performance Standard. With the aid of reference, the trainee will present the brief to the instructor and the maintenance officer. The instructor will ensure the brief contains the items in the first requirement and that the overall planning supports the mission in the OPORD.

Instructor. BI, SI

Reference
1. OPORD
2. Local Unit SOP
3. Local MMO SOP

MMGT-2748 1.5 (1460) B, R L

Goal. Verify inventory control procedures are implemented.

Requirement. Given an equipment record and SL-3 extract:

1. Verify equipment accountability and serviceability
2. Ensure missing and unserviceable items are placed on order.
3. Annotate inventory records without error.

Performance Standard. With the aid of reference, perform SL-3 inventory control procedures without error.

Instructor. BI, SI

Prerequisite. 2000, 2405, 2500, 2515, 2520, 2535, 2545, 2708, 2722, 2806, 2836, 3208, 3210, 3212, 3242

Reference
1. MCO P4400.150_
2. MCO P4790.2_

MMGT-2750 2.0 (*) B L

Goal. Draft a Using Unit Responsibility Items (UURI) authorization letter.

Requirement. Given the reference, complete the following:

1. Identify required UURI.

2. Draft a UURI authorization letter.

Performance Standard. With the aid of reference, submit to the evaluator the correctly formatted UURI authorization letter that identifies required quantities of all UURI IAW the reference.

Instructor. BI, SI

Prerequisite. None

Reference.
1. MCO P4790.2_
2. Applicable end item SL-3
3. SecNavInst 5216.2_
4. Unit MMSOP

MMGT-2752 2.0 (*) B L

Goal. Explain Recoverable Items Report (WIR) procedures.

Requirement. Given the reference and a secondary repairable item or a scenario, conduct the following:

1. State the purpose of the WIR.
2. State the criteria under which an item should be processed for WIR.
3. State the information required to submit a WIR request.
4. State the submission procedures for a WIR request.

Performance Standard. With the aid of reference, state the items in the requirement without error.

Instructor. BI, SI

Prerequisite. None

Reference
1. MCO P4790.2_
2. UM-4400
3. Init MMSOP
4. MCO P4400.82F Ch 5

MMGT-2754 2.0 (*) B L

Goal. Submit a maintenance cycle time extension letter.

Requirement. Given the reference, equipment, and applicable equipment records conduct the following:

1. Identify maintenance cycle time requirement.
2. Draft a maintenance cycle time extension letter.

Performance Standard. With the aid of reference, submit to the evaluator a correctly formatted maintenance cycle time extension letter that provides justification to exceed maximum maintenance cycle time..

Instructor. BI, SI

Prerequisite. None

Reference.
1. MCO P4790.2_
2. Applicable end item technical manual
3. NAVMC 5216.2_
4. Unit MMSOP

MMGT-2756 2.0 (*) B L

Goal. Explain product quality deficiency report (PQDR) procedures.

Requirement. Given the reference, an item of equipment or a scenario, identify the following:

1. Purpose of the PQDR.
2. Criteria under which a PQDR should be submitted.
3. Information required to submit a PQDR.

Performance Standard. With the aid of reference, complete the requirement items without error.

Instructor. BI, SI

Prerequisite. None

Reference
1. MCO P4790.2_
2. UM-4400
3. Unit MMSOP

3.9.18 OPERATIONAL MANAGEMENT (OMGT) STAGE

3.9.18.1 Purpose. To teach the trainee how to prepare TDS equipment for the deployment of a TACC.

3.9.18.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

OMGT-2802 2.0 (*) B L

Goal. Identify the purpose of key planning documents.

Requirement. Identify the purpose of the following:

1. Guard Chart.
2. Communication Electronic Operating Instruction (CEOI).
3. Operations Order.
4. Annex K of the Operations Order
5. Annex S of the Operations Order.
6. System Security Authorization Agreement
7. Site Diagram.
8. Operational Tasking Data Link (OPTASKLINK)
9. State the purpose and content of the EKMS Callout.

Performance Standard. Without the aid of reference, pass a written exam with 80% accuracy. This event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. BI, SI

Reference.
1. MCWP 5-1
2. MCO P3000.18(Marine Corps Planning Manual)
3. MCWP 5-11.1 (Aviation Planning)
4. MWCP 3-43 Appendix M

OMGT-2804 2.0 (*) B L

Goal. State key sections of an operational order (OPORD).

Requirement. Given the reference and an OPORD, identify the following sections:

1. State the purpose and major sections of an OPORD.
2. State the purpose and content of the Annex K.
3. State the purpose and content of the OPTASKLINK.
4. State the purpose and content of the EKMS Callout.

Performance Standard. Without the aid of reference, describe the key components of an OPORD. Completing the Tactical Data System Administrator Manager course at MCCES satisfies the standard.

Instructor. BI, SI

Reference. MCWP 5-1

OMGT-2806 2.0 (365) B, R L

Goal. Determine required equipment to support a mission.

Requirement. Given a mission, create a list of equipment that supports all aspects and requirements of the mission, to include the following:

1. Major end items.
2. TMDE.
3. Tools.
4. Utilities support equipment.
5. Supply support items.
6. Logistics/movement support items.
7. Personnel equipment.

8. EKMS

Performance Standard. With the aid of reference, produce a list of equipment needed to support the mission by completing the requirement; the instructor will confirm the list supports the mission.

Instructor. BI, SI

Reference.
1. MCWP 3-25
2. TM 07736C-14/2-1,
3. TM 07751B-14/2,
4. SECNAVINST 5510.36,
5. EKMS-1

OMGT-2830 4.0 (1460) B,R L

Goal. Conduct a site survey

Requirement. Given a scenario, applicable references, a TO/E and mission statement, determine an appropriate site for system emplacement:

1. Utilize planning tools (EMPRO, FalconView, AMP, SPEED, etc.) to determine terrain masking and line of sight connectivity.
2. Determine a primary and secondary site location.
3. Identify obstructions and hazards.
4. Determine tactical orientation and equipment emplacement.
   a. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Fuels (HERF) regulations.
   b. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Ordinance (HERO) regulations.
   c. Ensure emitters are emplaced IAW Hazardous Electronic Radiation to Personnel (HERP) regulations.
   d. Ensure emitters are emplaced to support working area.
5. Identify the placement for vehicles.
6. Identify the placement for antennas.
7. Determine communications obstacles.
8. Determine proper grounding system.
9. Identify power and fuel requirements.
10. Determine protection from the elements.
11. Determine Terrain Masking.
12. Determine operational footprint.
13. Design a site layout.
14. Develop a brief that addresses all event requirement items.

Performance Standard. With the aid of reference, complete the requirement items. The instructor will review/discuss the site layout and brief with the trainee to provide guidance as to content. The trainee will brief the instructor and maintenance officer and at minimum provide the reasoning for the below five items. Instructors will question the trainee during the brief to check for understanding of the site survey process and will mentor the trainee throughout.

1. Selection of the primary and secondary site.
2. Site limitations for each site (if any).
3. How each site will support mission requirements.
4. Determine a security plan.
5. Draw the site layout to support the scenario.

Instructor. BI, SI

Reference
1. MCDP 6
2. MCWP 3-25.4
3. MCWP 5-1
4. Communications-Air Support Center (CASC) Common Shelter AN/TSQ-207 TM 10209A-14&P Equipment Description
5. Meshnet Ethernet Unit (MEU 1-2) TECH MANUAL 762326, Equipment Description
6. Network Access Unit (NAU 5-1) TECH MANUAL 762324 Equipment Description
7. User Control Device (UCD 1-4) TECH MANUAL 762325
8. System Description and Overview Communications Distribution System TECH MANUAL 762323
9. IEEE C95.1-1991
10. NAVSHIPS 0967-317-7010
11. TM 9406-15
12. DODINST 6055.11
13. BUMED 6470.23
14. OPNAVINST 5100.23 Series
15. NAVSEA OP 3565 / NAVAIR 16-1-529 / NAVELEX 0967-LP-624-6010 / Volume II
16. Navy Safety Center
17. MCO 5100.29A W/CH 1
18. MCO 5104.2
19. MCO 5104.3A

OMGT-2832 2.0 (365) B,R L

Goal. Identify crew requirements and write a crew schedule.

Requirement. Given a T/O, the applicable T&Rs and a mission:

1. Determine the mission requirements.
2. Determine the duration of operations.
3. Determine totals crews required to support the mission.
4. Determine the crew composition/requirements.
5. Write the crew schedule
6. Submit the crew schedule to the instructor.
7. Describe the process to publish crew schedule once validated.

Performance Standard. With the aid of reference, determine crew requirements and write a crew schedules that support the mission. Ensure crew training and experience can support the mission. Submit the crew schedule to the instructor who will review and validate it. The trainee will then describe the process to publish the schedule. Completion of the Tactical Data System Administrator Manager course at MCCES satisfies this standard.

Instructor. BI, SI

Reference.
1. This T&R Manual
2. MCWP 3-25

OMGT-2834 3.0 (*) B L

Goal. Determine supply support requirements.

Requirement. Given the reference and a specific mission, determine the following:

1. Determine supply needs with consideration of the following:
   a. Length of deployment
   b. Location
   c. Equipment
   d. Daily operations
   e. Climate
2. Identify float requirements and deficiencies.
3. Identify Intelligence Information, Command and Control Equipment and Enhancement (ICE2) requirements.
4. Identify bill of material (BOM) requirements.

Performance Standard. With the aid of reference, produce supply, float, BOM and ICE2 lists that support the given mission.

Instructor. BI, SI

Prerequisite. 2806

Reference. MCWP 3-25

OMGT-2836 1.5 (*) B L

Goal. Develop an embarkation plan.

Requirement. Given the references and a specific mission, complete the following:

1. State the purpose of an embarkation plan.
2. Produce an equipment density list (EDL) that lists the necessary equipment to support the specified mission.
3. Identify heavy equipment required to move EDL items.
4. Identify the modes of transportation required to move EDL items.

Performance Standard. With the aid of reference, complete the requirement items and develop an embarkation plan to support the mission.

Instructor. BI, SI

Prerequisite. 2806

Reference
1. MCWP 3-25
2. TM 10446B-OI SAAWF Operations and Maintenance Instructions

3. TM 10200A-OI/1 ADCP Maintenance Manual
4. TM 10498B-OD TAOM Operations Maintenance Manual

OMGT-2838 8.0 (1460) B ,R L

Goal. Write a packing list and Equipment Density List (EDL).

Requirement. Given the references and a mission:

1. Define the purpose of a packing list.
2. Describe essential packing list contents.
3. Complete a packing list.
4. Define the purpose of an EDL.
5. Describe essential EDL contents.
6. Complete an EDL.

Performance Standard. With the aid of reference, write a packing list and an EDL and complete the requirement items.

Instructor. BI, SI

Prerequisite. 2806

Reference.
1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP

OMGT-2840 2.0 (1460) B,R (1) IOW L

Goal. Prepare IOW equipment for embarkation.

Requirement. Given an IOW, packing list and an Equipment Density List (EDL):

1. Conduct a Limited Technical Inspections (LTIs) on applicable equipment.
2. Conduct an SL-3 inventory on the equipment.

Performance Standard. With the aid of reference, prepare the equipment for embarkation by completing the requirement items.

Instructor. BI, SI

Prerequisite. 2132, 2806

Reference
1. MCRP 4-11.3G Unit Embarkation Handbook
2. Local SOP
3. Applicable Technical Manuals

OMGT-2842 4.0 (365) B,R L

Goal. Identify operational power requirements.

Requirement. Given a scenario, applicable technical manuals:

1. List all PEIs required to support the scenario.

2. Determine power requirements for each piece PEI.
3. Determine total power requirements to support all PEIs listed.
4. List the capabilities of organic generators:
   a. MEP 803A.
   b. MEP 805A/B.
   c. MEP 806A/B.

Performance Standard. With the aid of reference, and without error, provide total operational power requirements for all equipment required to support the scenario.

Instructor. BI, SI

Prerequisite. 2806

Reference. Refer to equipment applicable TMs.

OMGT-2844 1.0 (1095) B,R L

Goal. Submit a frequency request.

Requirement. Given the reference and a scenario with operational requirements and references:

1. Explain the frequency request process.
2. Determine required frequencies.
3. Identify the purpose and sections of:
   a. Frequency Request Form (SF-1494)
   b. Satellite Access Request (SAR) form.
4. Complete a SF-1494 form.
5. Complete a Satellite Access Request (SAR) form.

Performance Standard. With the aid of reference, submit completed request forms to the instructor for final approval.

Instructor. BI, SI

Prerequisite. 2655

Reference
1. MCRP 3-40B
2. MCO 2400.2

OMGT-2846 1.0 (*) B L

Goal. Fill out a Logistics Support Request (LSR).

Requirement. Given a scenario, identify materials required to sustain operations for mission length.

1. Transport requirements
2. Heavy Equipment (MHE) requirements
3. Class 9 block
4. Supply requirements

Performance Standard. With the aid of reference, submit a completed LSR to the instructor for accuracy and validation. This event can be satisfied by completing the MACCS Maintenance Manager Course.

Instructor. BI, SI

Prerequisite. 2806

Reference. MCO P4790.2_

OMGT-2848 2.0 (1460) B,R L

Goal. Submit a Bill of Material (BOM) request.

Requirement. Given a deployment scenario, Training Exercise Employment Plan (TEEP) documents and required references, submit a BOM request.

1. Collect requests from maintenance sections.
2. Consolidate required materials into a BOM request.
3. Verify the request is sufficient to support 24-hour operations for the length of the exercise
4. Validate the content to ensure it meets the requirement.

Performance Standard. With the aid of reference, submit a BOM that supports the scenario requirements to the instructor for review and validation.

Instructor. BI, SI

Prerequisite. 2806

Reference. MCO P4400.150_

OMGT-2850 12.0 (365) B,R (1) ADPE L

Goal. Administer the Network.

Requirement. Given a configured network:

1. Monitor the network for connectivity.
2. Troubleshoot digital connectivity issues between external agencies.
3. Initiate corrective actions as required.
4. Make logbook entries.

Performance Standard. With the aid of reference, given a configured network, monitor and troubleshoot network activity. Take corrective action as needed and document in logbook. This event can be satisfied by completing the MACCS Maintenance Managers Course (5974) at MCCES.

Instructor. BI, SI

External Support. Applicable external MACCS agencies.

Reference
1. TBMCS SAM SUM
2. TBMCS SSA SUM
3. TBMCS Trusted Facilities Manual
4. TBMCS PSA SUM
5. CCNA Exploration

OMGT-2852 12.0 (365) B,R (1) TDS L

Goal. Verify Tactical Data Systems (TDS) is operational.

Requirement. Given a scenario and a Verification and Validation checklist from the System Load Guide, complete the following:

1. Verify the TDS is configured and operational.
2. Verify TDS processes and applications are functioning.
3. Troubleshoot system faults.
4. Initiate corrective actions as required.

Performance Standard. With the aid of reference, administer the TDS by completing the requirement. This event can be satisfied by completing the MACCS Maintenance Managers Course (5974) at MCCES.

Instructor. BI, SI

Reference
1. TBMCS System Load Guide Appendix C
2. TBMCS Addendum A
3. TBMCS SSA SUM
4. TBMCS IFO SUM
5. TBMCS COMMON SUM
6. TBMCS ORACLE SUM
7. TBMCS SAM SUM
8. JADSI USER'S MANUAL
9. IOS/IOW USER'S MANUAL
10. TM 10987A-OI (CDLS manual)

OMGT-2854 12.0 (365) B,R (1) TDS L

Goal. Administer TDS security.

Requirement. Given a configured network, demonstrate the following:

1. Assign permissions to users.
2. Install current Anti-virus definitions and service packs.
3. Configure firewalls.
4. Verify system classification banners.
5. Troubleshoot system faults.
6. Initiate corrective actions as required.

Performance Standard. With the aid of reference, administer TDS security by completing the requirement. This event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. BI, SI

Reference
1. TBMCS Trusted Facilities Manual
2. TBMCS SSA SUM
3. TBMCS PSA SUM
4. DODD 8570.01
5. DODD 8500.01_
6. DODI 8500.2

OMGT-2856 6.0 (365) B,R (1) CDLS, (1) DST L

Goal. Establish Link 11 HF via the CDLS.

Requirement. Given a CDLS and diagnostic support tool (DST), materials and required equipment, perform the following:

1. Configure equipment.
2. Establish Link 11 HF
3. Troubleshoot error(s)
4. Initiate corrective actions as required.
5. Conduct an operational status check.

Performance Standard. With the aid of reference, establish Link 11 HF via the CDLS by completing the requirement. Instructor will confirm the operational check is successful.

Instructor. BI, SI

Prerequisite. 2150, 2154, 2158, 2160

Reference. TM 10987A-OI (CDLS manual)

OMGT-2858 6.0 (365) B,R (1) CDLS, (1) DST L

Goal. Establish Link 11B via the CDLS.

Requirement. Given a CDLS and DST, materials, and equipment:

1. Configure equipment.
2. Establish Link 11B
3. Troubleshoot error(s)
4. Initiate corrective actions as required.

Performance Standard. With the aid of reference, establish link 11B via the CDLS. Ensure CDLS is operational by completing the requirement.

Instructor. BI, SI

Prerequisite. 2150, 2154, 2158, 2160

Reference. TM 10987A-OI (CDLS manual)

OMGT-2860 4.0 (365) B,R (1) CDLS, (1) DST L

Goal. Establish Link 16 via the CDLS.

Requirement. Given a CDLS and DST, materials and equipment:

1. Configure equipment.
2. Establish Link 16.
3. Trouble Shoot error(s)
4. Initiate corrective actions as required.

Performance Standard. With the aid of reference, established link-16 via the CDLS by completing the requirement. Instructor will ensure CDLS is operational.

Instructor. BI, SI

Prerequisite. 2150, 2154, 2158, 2160

Reference. TM 10987A-OI (CDLS manual)

OMGT-2862 6.0 (365) B,R (1) CDLS, (1) DST L

Goal. Establish JREAP B/C via the CDLS.

Requirement. Given a CDLS and DST, materials and equipment:

1. Configure equipment.
2. Establish JREAP B.
3. Establish JREAP C.
4. Trouble Shoot error(s)
5. Initiate corrective actions as required.
6. Conduct operational status check.

Performance Standard. With the aid of reference, establish JREAP B/C via the CDLS by completing the requirement. Instructor will ensure CDLS is operational.

Instructor. BI, SI

Prerequisite. 2150, 2154, 2158, 2160

Reference. TM 10987A-OI (CDLS manual)

OMGT-2864 6.0 (365) B,R (1) CTT/H3 L

Goal. Establish Intelligence Links.

Requirement. Given a CTT/H3, applicable references, materials and equipment:

1. Configure equipment.
2. Establish TIPOFF-NT JREAP-C data link from secure website.
3. Establish TIPOFF-NT IBS-I data link.
4. Establish TIPOFF-NT IBS-S data link.
5. Trouble Shoot error(s).
6. Initiate corrective action if required.
7. Conduct operational status check

Performance Standard. With the aid of reference, establish intelligence links via the CTT/H3 by completing the requirement. Instructor will ensure CTT/H3 is operational.

Instructor. BI, SI

Prerequisite. 2152, 2156

Reference.
1. TM 10987A-OI (CDLS manual)
2. TM 10389A-30&P/2
3. TM 10389A-12&P/1

OMGT-2866 6.0 (365) B,R (1) LMS-MT L

Goal. Establish Link 11B via the LMS-MT.

Requirement. Given a LMS-MT, materials and equipment:

1. Configure equipment.
2. Establish Link 11B.
3. Trouble Shoot error(s).
4. Initiate corrective actions as required.
5. Conduct an operational status check.

Performance Standard. With the aid of reference, established link 11B via the LMS-MT by completing the requirement. Instructor will ensure Link 11B is operational.

Instructor. BI, SI

Prerequisite. 2180, 2182, 2184, 2186

Reference. LMS User's Manual

OMGT-2868 6.0 (365) B,R (1) LMS-MT L

Goal. Establish Link 16 via the LMS-MT.

Requirement. Given a LMS-MT, materials and required equipment, perform the following:

1. Configure equipment.
2. Establish Link 16.
3. Trouble Shoot error(s)
4. Initiate corrective actions as required.

Performance Standard. With the aid of reference, established link 16 via the LMS-MT by completing the requirement. Instructor will ensure Link 16 is operational.

Instructor. BI, SI

Prerequisite. 2180, 2182, 2184, 2186

Reference. LMS User's Manual.

OMGT-2870 6.0 (365) B,R (1) LMS-MT L

Goal. Establish JREAP B/C via the LMS-MT.

Requirement. Given a LMS-MT, materials and equipment, perform the following:

1. Configure equipment.
2. Establish JREAP B.
3. Establish JREAP C.
4. Trouble Shoot error(s)
5. Initiate corrective actions as required.
6. Conduct an operational status check.

Performance Standard. With the aid of reference, established JREAP B/C via the LMS-MT by completing the requirement. Instructor will ensure JREAP B/C is operational.

Instructor. BI, SI

Prerequisite. 2180, 2182, 2184, 2186

Reference. LMS User's Manual

OMGT-2872 4.0 (365) B, R 1 CDLS, 1 DST L

Goal. Provide Link 11 UHF via the CDLS.

Requirement. Given a CDLS and a DST, materials and equipment:

1. Configure equipment.
2. Establish Link 11 UHF
3. Trouble Shoot error(s)
4. Initiate corrective actions as required.
5. Conduct an operational status check.

Performance Standard. With the aid of reference, establish Link 11 UHF via the CDLS by completing the requirement. Instructor will ensure Link 11 UHF is operational.

Instructor. BI, SI

Prerequisite. 2150, 2154, 2158, 2160

Reference. TM 10987A-OI (CDLS manual)

OMGT-2874 4.0 (365) B, R 1 CDLS, 1 DST L

Goal. Provide JREAP A via the CDLS.

Requirement. Given a CDLS and DST, materials and equipment:

1. Configure equipment.
2. Establish JREAP A.
3. Trouble Shoot error(s).

4. Initiate corrective actions as required.
5. Conduct operational status check.

Performance Standard. With the aid of reference, establish JREAP A via the CDLS by completing the requirement. Instructor will ensure CDLS is operational.

Instructor. BI, SI

Prerequisite. 2150, 2154, 2158, 2160

Reference. TM 10987A-OI (CDLS manual)

OMGT-2876 4.0 (365) B, R 1 CDLS, 1 DST L

Goal. Provide JREAP A via the LMS-MT.

Requirement. Given a CDLS and DST, materials and required equipment, perform the following:

1. Configure equipment.
2. Establish JREAP A.
3. Trouble Shoot error(s)
4. Initiate corrective actions as required.
5. Conduct an operational status check.

Performance Standard. With the aid of reference, administer the CDLS by completing the requirement.

Instructor. BI, SI

Prerequisite. 2180, 2182, 2184, 2186

Reference. LMS User's Manual

3.9.19 ORGANIZATIONAL STRUCTURE (ORGS) STAGE

3.9.19.1 Purpose. To provide the 5974 with the requisite skills and working knowledge relating to the organizational capabilities of adjacent and higher agencies. This stage provides general information on the mission, concept of employment, organization and equipment of the MAW and supporting agencies.

3.9.19.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

ORGS-2900 4.0 (*) B L

Goal. Identify the mission, organizational units, and major systems of the Marine Air Control Squadron (MACS).

Requirement. Given the references, state or identify the below listed requirement items:

1. State the mission and concept of employment.
2. Identify the organizational units (state the structure of each unit and the function of the sections within.)
   a. Headquarters sections, to include:
      (1) Communications Maintenance
      (2) Operations Communications
   b. Tactical Air Operations Center (TAOC)
      (1) S3
      (2) S6
         (a) Radar
         (b) Tactical Data Systems Maintenance (TDSM)
      (3) TAOC sections and crew composition (maintenance and operations)
   c. Early Warning and Control (EWC)
      (1) S3
      (2) Communication Electronics Maintenance Officer
         (a) Radar
         (b) Tactical Data Systems (TDS)
      (3) EW/C sections and crew composition (maintenance and operations)
   d. Marine Air Traffic Control Detachments (MATCD) - Describe sections and crew composition (maintenance and operations) for each.
      (1) Air Traffic Navigation, Integration, and Coordination Systems (ATNAVICS) MATCD
      (2) Marine Air Traffic Control All-Weather Landing System (MATCALS) MATCD
      (3) Tower/TACAN Detachment
      (4) MATC Mobile Team (MMT)
3. Identify the major systems and subsystems and state the capabilities and limitations of each.
   a. AN/TPS-59 Long Range Radar
   b. AN/TPS-63 Medium Range Radar
   c. AN/TYQ-23 Tactical Air Operations Module (TAOM)
   d. AN/MSQ-124 Air Defense Communication Platform (ADCP)
   e. AN/TYQ-87 Sector Anti Air Warfare Facility (SAAWF)
   f. AN/TSQ-239 V4 Combat Operations Center (COC)
   g. AN/USC-55A
   h. AN/TPN-31A Air Traffic Navigation, Integration, and Coordination Systems (ATNAVICS)
   i. AN/TSQ-131 (CCS)
   j. AN/TPN-73 Air Surveillance Radar (ASR)
   k. AN/TPN-22 Precision Approach Radar (PAR)
   l. AN/TSQ-120B Tower
   m. AN/TRN-44A Tactical Air Navigation (TACAN)
   n. AN/TSQ-216 Remote Landing Site Tower (RLST)
   o. AN/TRN-47 Tactical Air Navigation (TACAN)

Performance Standard. With the aid of reference, complete each

requirement item by stating the required information correctly in written or verbal form; instructor's choice. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8004, 8005

Reference.
1. MCRP 5-12D
2. MCWP 3-25.6
3. MCWP 3-25.7
4. MCWP 3-25.8
5. Approved Core METL applicable to the unit
6. TM 10498B-OD TAOM Operations Maintenance Manual
7. UM 2005
8. TM 07736C
9. TM 07751B
10. TM 10200A-OI/1
11. TM 10446B-OI
12. TM 10389-12 CTT
13. TM 10389-30 CTT

ORGS-2905 2.0 (*) B L

Goal. Identify the mission, organizational units, and major systems of the air traffic control units aboard Marine Corps air stations and facilities.

Requirement. Given the references, state or identify the below listed requirement items:

1. Identify the location of all Marine Corps air stations and facilities
2. State the mission of the air traffic unit
3. Identify the organizational sections and the function of each
   a. Headquarters sections
   b. Communications
   c. Radar
   d. NAVAIDS
   e. Weather
4. Major systems and subsystems and state the capabilities and limitations of each.
   a. Ehanced Terminal Voice Switch (ETVS)
   b. Air Surveliance Radar (ASR)
   c. Precision Approach Radar (PAR)
   d. Tactical Air Communication and Navigation (TACAN)
   e. Standard Terminal Automation Replacement System (STARS)
   f. Visual Communication (VISCOM)

Performance Standard. With the aid of reference, complete each requirement item by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8005

Reference. MCWP 3-25.8

ORGS-2910 2.0 (*) B L

Goal. Identify the mission, organizational units, and major systems of the Marine Air Support Squadron (MASS).

Requirement. Given the references, state or identify the below listed requirement items:

1. State the mission and concept of employment.
2. Identify the organizational units (state the structure of each unit and the function of the sections within).
   a. Headquarters sections
   b. Communications Electronics
   c. Direct Air Support Center (DASC) - describe sections and crew composition (maintenance and operations) for each.
   d. DASC(Airborne) - describe sections and crew composition (maintenance and operations) for each
   e. Air Support Element (ASE) - describe sections and crew composition (maintenance and operations) for each
   f. Air Support Liaison Teams (ASLT) - describe crew composition.
3. Identify the major systems and subsystems and state the capabilities and limitations of each.
   a. AN/MRQ-12 Communication Information System (CIS)
   b. AN/MRC-148 Radio Sets
   c. AN/MRC-145 Radio Sets
   d. AN/UYQ-3B Direct Air Support Central Air Support System (DASCAS)
   e. AN/TSQ-239 V2 Combat Operations Center (COC)

Performance Standard. With the aid of reference, complete each requirement item by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8003

Reference
1. MCRP 5-12D
2. MCWP 3-25.5
3. Approved Core METL applicable to the unit

ORGS-2915 2.0 (*) B L

Goal. Identify the mission, headquarter and TACC sections, and major systems of the Marine Tactical Air Command Squadron (MTACS).

Requirement. Given the references, state or identify the below listed requirement items:

1. State the squadron mission and concept of employment.

2. Identify the organizational units (state the structure of each unit and the function of the sections within.)
   a. Headquarters Sections
   b. TACC sections and crew structure (maintenance and operations)
3. Identify the major systems and subsystems and state the capabilities and limitations of each.
   a. AN/MRQ-12 Communication Information System (CIS)
   b. AN/TYY-2 Theat3er Battle Management Core Systems (TBMCS)
   c. AN/TYQ-101A Communication Data Links System (CDLS)
   d. AN/URC-107 (V)10 Joint Tactical Information Distribution System (JTIDS)
   e. AN/USC-55A Commanders Tactical Terminal (CTT)
   f. Link Management System - Multi TDL (LMS-MT)
   g. Intelligence Operations Workstation (IOW)
   h. Intelligence Operations Server (IOS)
   i. Advance Field Artillery Tactical Data System (AFATDS)
   j. AN/TSQ-239 V2 Combat Operations Center (COC)
   k. Common Connectivity Device (CCD)
   l. Joint Automated Deep Operations Coordination System (JADOCS)

Performance Standard. With the aid of reference, complete each requirement item by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8002

Reference
1. MCRP 5-12D
2. MCWP 3-25.4
3. Approved Core METL applicable to the unit

ORGS-2920 2.0 (*) B L

Goal. Identify the mission, organizational units, and major systems of the Low Altitude Air Defense Battalion (LAAD Bn).

Requirement. Given the references, state or identify the below listed requirement items:

1. State the mission and concept of employment.
   a. Primary
   b. Secondary
2. Identify the organizational units (state the structure of each unit and the function of the sections within).
   a. Headquarters Services Battery
   b. Firing Batteries
   c. Firing Sections
3. Identify the major systems and subsystems and state the capabilities and limitations of each.
   a. Man Portable Air Defense System (MANPADS)
   b. AN/MRC-148 Radio Set
   c. AN/MRC-145 Radio Set
   d. AN/TSQ-239 V4 Combat Operations Center (COC)

Performance Standard. With the aid of reference, complete each requirement item by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8006

Reference
1. MCRP 5-12D
2. MCWP 3-25.10
3. MCWP 3-25.10a
4. Approved Core METL applicable to the unit.

ORGS-2925 2.0 (*) B L

Goal. Identify the mission, organizational units, and major systems of the VMU Squadron.

Requirement. Given the references, state or identify the below listed requirement items:

1. State the mission and concept of employment.
2. Identify the organizational units (state the structure of each unit and the function of the sections within).
   a. Headquarters sections
   b. Unmanned Aircraft Systems Detachments (UASD)
      (1) Headquarters Detachment
      (2) UAS Detachments A, B, C
      (3) UAS sections and crew composition (maintenance and operations)
3. Identify the major systems and subsystems and state the capabilities and limitations of each.
   a. AN/TSQ-239 V4 Combat Operations Center (COC)
   b. Marine Corps Tactical Unmanned Aircraft System (Shadow, RQ-7B)

Performance Standard. With the aid of reference, complete each requirement item by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8007

Reference
1. MCRP 5-12D
2. MCWP 3-26
3. MCWP 3-42.1
4. Approved Core METL applicable to the unit

ORGS-2930 2.0 (*) B L

Goal. Identify the mission, organizational units, and major systems of the Marine Wing Communications Squadron (MWCS).

Requirement. Given the references, State or identify the below listed requirement items:

1. State the mission and concept of employment.
2. Identify the organizational units (state the structure of each unit and the function of the sections within)
   a. Headquarters sections
   b. Detachments A, B, C, sections and crew composition (maintenance and operations)
3. Identify the major systems and subsystems and state the capabilities and limitations of each.
   a. LMST
   b. High Frequency Vehicular Radio (MRC-148)
   c. Singars (MRC-145)
   d. Digital Wideband Transmission System (MRC-142)
   e. Very Small Aperture Terminal (VSAT)
   f. Phoenix
   g. TSM
   h. DDS-R
   i. DTC
   j. TDN Gateway
   k. AN/TRC-170
   l. AN/TSQ-239 V4 Combat Operations Center (COC)

Performance Standard. With the aid of reference, complete each requirement item by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8008

Reference
1. MCRP 5-12D
2. Approved Core METL applicable to the unit

ORGS-2935 2.0 (*) B L

Goal. Identify the mission and support provided by the Marine Wing Support Squadron (MWSS).

Requirement. Given the references, State or identify the below listed requirement items:

1. State the mission and concept of employment.
2. Identify the functional support areas
   a. Weather Services
   b. EAF Services
   c. Refueling
   d. Explosive Ordnance Disposal
   e. Essential Engineer Services
   f. Motor Transport
   g. Field Mess Facilities
   h. Sick-Call and Aviation Medical Functions
   i. Nuclear Biological and Chemical Defense
   j. Security and Law Enforcement Services

k. Internal airfield communication
l. Airbase Commandant functions

Performance Standard. With the aid of reference, complete each requirement item by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Prerequisite. 8028

Reference
1. MCRP 5-12D
2. Approved Core METL applicable to the unit

ORGS-2940 2.0 (*) B L

Goal. Identify the maintenance and service support sections within the Marine Logistics Group (MLG).

Requirement. Identify the following:

1. Maintenance Support
   a. Repairable Issue Point (RIP)
   b. Electronics Maintenance Company (ELMACO)
2. Service Support
   a. Integrated Personnel Administrative Center (IPAC)
   b. Sustenance
   c. Medical/Dental
3. State the process to obtain their services.

Performance Standard. With the aid of reference, complete the requirement items by verbally stating the required information correctly. Instructor may provide minor assistance.

Instructor. BI, SI

Reference.
1. MCDP 6
2. MCWP 3-25.3
3. MCWP 3-25.4
4. MCWP 3-25.5
5. MCWP 3-25.6
6. MCWP 3-25.7
7. MCWP 3-25.8
8. MCWP 3-25.10
9. MCWP 5-1

ORGS-2945 2.0 (*) B L

Goal. Identify the mission of Higher Headquarters and supporting establishments.

Requirement. Given the reference, identify the mission, organizational structure and location of each of the following:

1. Higher Headquarters
   a. Marine Air Control Group (MACG)
   b. Marine Air Group (MAG)
   c. Marine Aircraft Wing (MAW)
   d. Marine Expeditionary Forces (MEF)
   e. Marine Corps Installations (East and West)
   f. Marine Forces (MARFORCOM, MARFORPAC, MARFORRES)
   g. Headquarters Marine Corps (APX)
2. Supporting Establishments: Explain how each organization supports the MACCS:
   a. Marine Corps Systems Command (MARCORSYSCOM)
      (1) Marine Corps Tactical Systems Support Activity (MCTSSA)
      (2) Program Group 09 - Operational Forces Systems (OFS)
      (3) Program Group 11 - MAGTF C2, Weapons and Sensors Development and Integration (MC2I)
      (4) Program (PEO) Land Systems
   b. Marine Corps Combat Development Command (MCCDC)
   c. Training and Education Command (TECOM)
      (1) Aviation Training Branch (ATB)
      (2) Marine Corps Communication Electronics School (MCCES)
      (3) Marine Aviation Training Support Group (MATSG) 21)
   d. Aviation Program Expeditionary Enablers (APX)
   e. Marine Corps Logistics Command (MARCORLOGCOM)
   f. Naval Air Systems Command (NAVAIR) PMA-213 / 205
      (1) Space and Naval Warfare Systems Command (SPAWARS)
      (2) Naval Air Warfare Center Aircraft Division (NAWC-AD)
   g. Logistics Command
      (1) MCLB Barstow Maintenance Center
      (2) MCLB Albany item managers
      (3) Repairable Issue Point (RIP)

Performance Standard. Without the aid of reference, pass a written exam with a minimum of 80% accuracy.

Instructor. BI, SI

Prerequisite. 8001, 8063

Reference. MCWP 3-25.3

ORGS-2950 4.0 (1460) B,R L

Goal. Draw an Overview (OV) chart of the MACCS concept of employment.

Requirement. Given the references, draw an OV chart depicting how a notional MACCS could be employed. Include all the MACCS agencies and how they are employed in the battle area to include:

1. Major Systems
2. Agencies
3. Interoperability and lines of communications
   (a) Data links (TDL)
   (b) Voice comm
   (c) Data comm
   (d) Networks
4. Submit the OV chart to the instructor for review.

5. Develop and submit a brief on the OV chart.

Performance Standard. Draw the OV chart and submit it to the instructor who will review for correctness. Provide a brief to the instructor and the maintenance chief/maintenance officer. The instructor will ensure the brief and the OV chart covers all MACCS agencies and major systems (to include UAS and MWCS). Communications architecture should be IAW the reference.

Instructor. BI, SI

Prerequisite. 8000, 8028, 8063

Reference.
1. MCWP 3-2
2. MCWP 3-25.4

3.10 MISSION SKILL PHASE (3000 Phase)

3.10.1 Purpose. To develop mission skill proficiency for personnel to be able to perform their assigned duties under general or minimal supervision while directly supporting the unit mission essential tasks. At the completion of all required training in this phase, the trainee will be eligible for designation, as applicable.

(1) Basic Technicians will gain mission skill proficiency in basic networking, basic systems administration, and basic systems management on command and control systems at the TACC. They will be able to perform their duties under general supervision.

(2) Advance Technicians will gain mission skill proficiency in advance networking, advanced systems administration, advanced systems management, and data link setup and maintenance on command and control systems at the TACC.

(3) Crew Chiefs will gain mission skill proficiency in managing crew level networking, security operations to include data systems, establishing data links, networks and joint range extension applications protocol and configuring a command center.

(4) Maintenance Chiefs will gain mission skill proficiency in supervising and managing maintenance section operations to include networking, security administration, advanced systems management on command and control systems, and maintenance management.

3.10.2 General

3.10.2.1 Prerequisite. Complete all core skill events for the position being trained.

3.10.2.2 Admin Notes.

(1) Training in this phase does not preclude simultaneous training in the core plus phase.

3.10.2.3 Stages. The following stages are included in the Mission Skill Phase of training.

PAR NO.	STAGE NAME
3.10.3	DEPLOYMENT (DEPL)
3.10.4	MAINTENANCE MANAGEMENT (MMGT)
3.10.5	OPERATIONS MANAGEMENT (OMGT)

3.10.3 DEPLOYMENT PLANNING (DEPL) STAGE

3.10.3.1 Purpose. To teach the trainee to identify communication assets required to support the C2 mission and arrange for consumable supply support; and the characteristics of unit specific shelters, their emplacement and cabling.

3.10.3.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

DEPL-3005 8.0 (730) B,R L

Goal. Prepare system for embark.

Requirement. Given an Equipment Density List (EDL) that supports the mission, prepare system for embark:

1. Conduct proper system power down/teardown.
2. Layout and conduct an SL-3 inventory of the equipment
3. Conduct Limited Technical Inspections on listed equipment
4. Pack and secure equipment.
5. Create a packing list
6. Placard/label the shelters for embark

Performance Standard. With the aid of reference, complete the requirement items. Instructor shall verify the LTI documentation was completed and the equipment was packed and labeled correctly.

Prerequisite. 2132, 2405, 2500, 2535, 2806, 2838, 2840

Instructor. SI

Reference
1. MCO 3120.6 (Standard Embarkation Management System)
2. Communications-Air Support Center (CASC) Common Shelter AN/TSQ-207 TM 10209A-14&P Equipment Description

DEPL-3010 8.0 (730) B,R L

Goal. Deploy a maintenance section in support of unit operations.

Requirement. Given a scenario or operational deployment and commanders guidance, deploy the maintenance section:

1. Review operational requirements and develop an EDL.
2. Coordinate for support equipment as required.
3. Verify and complete Bill of Materials.
4. Establish float requirements as required.
5. Supervise pack-up of equipment and validate EDL accuracy.
6. Ensure correct execution of the load plan for equipment handling and safety.

Performance Standard. With the aid of reference, plan and submit EDL, BOM, CLD requirements for maintenance section deployment. Perform the embarkation of the maintenance section in support of a training exercise or operational deployment.

Note: This event can be completed in garrison, however equipment must be physically moved for the trainee to be able to ensure the execution of the load plan.

Prerequisite. 2132, 2405, 2500, 2535, 2806, 2838, 2840, 3005

Instructor. SI

Reference
1. MCO 3120.6
2. Applicable TMs/UMs

3.10.4 MAINTENANCE MANAGEMENT (MMGT) STAGE

3.10.4.1 Purpose. To teach the trainee how to maintain maintenance programs in support of maintenance production efforts.

3.10.4.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

MMGT-3100 2.0 (*) B L

Goal. Verify corrective maintenance repair process is being conducted.

Requirement. Ensure the timely performance of all corrective maintenance actions per the references.

1. Verify the induction process:
   a. Confirm SL-3 accountability.
   b. Verify visual inspection occurs.
   c. Verify record jacket.
   d. Verify proper organizational PM.
2. Ensure correctness of ERO and NAVMC 1018.
3. Determine availability of resources.
4. Verify proper troubleshooting of faulty item.
5. Verify repair parts are ordered and EROSL is completed.
6. Verify faulty item is repaired to code A status.
7. Verify safety measures are adhered to during repair process.
8. Conduct quality control procedures:
   a. Review quality control procedures
   b. Verify quality control inspectors based on individual qualifications on equipment are assigned in writing.
9. Verification of MI and TI.
10. Verify proper closeout of ERO.
11. Verify equipment record jacket is updated.

Performance Standard. With the aid of reference, complete the requirement items without error. The instructor should ask questions during the training session to check for understanding of the CM process.

Instructor. SI

Prerequisite. 2500, 2540, 2710, 2748

Reference
1. MCO P4790.2C
2. TM-4700-15/1_
3. UM-4790.5
4. MCO P4400.16G
5. MCBUL 3000
6. Applicable end item TM

MMGT-3105 2.0 (1095) B,R L

Goal. Validate the float assets.

Requirement. Given a practical application scenario, applicable maintenance and supply history documents:

1. Review the documentation given and provide recommendations for organizational Critical Low Density Float assets and required on-hand quantities.
2. Conduct a float re-computation.
3. Submit float re-computation to the instructor for validation.

Performance Standard. With the aid of reference, complete the requirement items. Instructor will review and validate the re-computation and provide feedback to the trainee.

Instructor. SI

Prerequisite. 2500, 2540, 2712

Reference
1. MCO 4790.2_
2. MCO P4400.150_
3. FEDLOG

MMGT-3110 3.0 (*) B L

Goal. Assess maintenance funding requirements.

Requirement. Given a scenario, equipment maintenance history and anticipated maintenance shortfalls, propose funding allocations for maintenance activities.

1. Identify and prioritize funding requirements.
2. Provide a maintenance funding request based on requirements and prior year(s) utilization.
3. Provide an anticipated maintenance funding request based on the unit's TEEP.
4. Submit a budget request with justification to the instructor.

Performance Standard. With the aid of reference, complete the requirement items. Instructor shall ensure the budget request and justification submitted supports the scenario.

Instructor. SI

Prerequisite. 2714

Reference
1. MCO P4400.150_
2. MCO P7100.8_

3.10.5 OPERATIONS MANAGEMENT (OMGT) STAGE

3.10.5.1 Purpose. To teach the trainee how to ensure TDS are functioning properly and to manage crews in an operational environment.

3.10.5.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

OMGT-3204 1.0 (730) B,R L

Goal. Verify COMSEC handling procedures.

Requirement. Given a scenario or live event and EKMS materials, supervise proper COMSEC handling procedures:

1. Verify the procedures for storage, transportation, and handling of COMSEC materials.
2. Verify appropriate keying materials.
3. Supervise/conduct proper loading of keying materials.
4. Supervise/conduct proper destruction of keying materials:
   a. Destroy keying materials on time.
   b. Properly record destruction.

Performance Standard. Without the aid of reference, verify proper handling of keying materials and devices to preclude no EKMS Practices Dangerous to Security (PDS) or incidents.

Instructor. SI

Prerequisite. 2600, 2605, 2610, 2615, 2620

Reference
1. EKMS-1A
2. SECNAVINST 5510.36_

OMGT-3206 40.0 (365) B,R L

Goal. Identify Operational Requirements.

Requirement. Given an OPORD, determine the operational requirement of the maintenance section to support the mission, to include:

1. Communication electronics equipment required.
2. Engineering equipment.
   a. Air conditioners.
   b. Heavy equipment.
   c. Generators.
3. Personnel required.
   a. Identify minimum number of mission skilled maintainers per crew required to support the mission
   b. Identify minimum number of designated leaders required to support the mission
   c. List the administrative requirements for crew.
      (1) Tactical license
      (2) Security Clearance
4. Cryptographic equipment required.
5. Logistics support required.
6. Supply support required.
   a. Bill of Material (BOM) requirements.
   b. Float requirements.
7. Frequencies required.
   a. Draft a frequency request.
   b. Draft a satellite access request.
8. Develop an Equipment Density List (EDL) for PEIs.
9. Draw a site layout plan.
10. Draft a brief covering addressing the deployment and emplacement plan to support the mission.
11. Submit the site layout and brief the instructor on the plan.

Performance Standard. With the aid of reference, complete the requirements items.

1. Instructor will review the site layout and provide feedback to the trainee.
2. Trainee will adjust the brief to reflect the feedback and brief the instructor.
3. Trainee will brief the instructor and maintenance officer.
4. Instructor will question the trainee during the brief to check for understanding of the planning process.

Instructor. SI

Prerequisite. 2804, 2806, 2832

Reference
1. Planning MCWP 5-1
2. MOS Manual
3. TM 2000
4. MCWP 3-40.3
5. CJCSM 6231
6. JT PUB Series 6-05
7. Chapter 1 of this Manual

OMGT-3208 5.0 (365) B, R L

Goal. Perform in a Chemical Biological Radiological Nuclear (CBRN) environment.

Requirement. Perform daily assigned maintenance duties while in a simulated CBRN environment.

1. Begin in MOPP-0 and graduate to MOPP-IV over a four hours period.
2. Plan personnel rotations while in MOPP gear.

Performance Standard. Without the aid of reference, complete the requirement items IAW the reference for a period of four hours. The instructor may provide minimal guidance. ORM and safety precautions shall be adhered to.

Instructor. SI

Prerequisite. Complete annual mask confidence course.

External Syllabus Support. MOPP gear

Reference.
1. FM 11-1 NBC Operations
2. MCO P3440.4G

OMGT-3210 2.0 (1460) B,R L

Goal. Understand Basic maintenance section operations.

Requirement. During an guided discussion, address the following:

1. State the mission of the squadron.
2. State how the maintenance section supports the squadron mission.
3. State the purpose of each functional area within the maintenance section.
4. State the BT's role and responsibilities within the maintenance section.
5. State the purpose and function of each PEI and associated ancillary equipment within the maintenance section.
6. State the purpose of preventive and corrective maintenance.
7. List the different maintenance schedules.
8. State the communications security processes and requirements, to include:
   a. List COMSEC equipment
      (1) Loader (section specific)
      (2) Organic crypto equipment (section specific)
   b. State the office responsible for managing COMSEC equipment
   c. Explain the COMSEC checkout and turn-in procedures
9. Explain the purpose of MIMMS
10. Explain the following maintenance procedures, to include:
    a. Initial identification of a fault
    b. Induct the item into the maintenance system
    c. Receive, install and OPCHECK the new item
    d. List the required documentation
11. State the purpose of the shop's safety board and identify the each item and what their use is.
12. State the purpose of a Material Safety Data Sheet (MSDS) and where they are located within the shop.
13. State the procedures that would be used for an electrical shock victim.

Performance Standard. Without the aid of reference, complete the requirement items. Instructor will question and mentor the trainee throughout the discussion to ensure an understanding of the items.

Instructor. SI

Prerequisite. 2500, 2520, 2722

Reference.
1. MCO P4790.2_

OMGT-3212 2.0 (1460) B,R L

Goal. Understand basic deployment considerations for the maintenance section.

Requirement. During a guided discussion, address the following:

1. Predeployment considerations
   a. State the purpose of a packing list and content
   b. State the purpose the Bill of Materials (BOM) and content
   c. State the purpose of a float list and content

d. List the support equipment required for each PEI
e. List the MIMMS forms needed during deployment, their purpose and content
f. List the publications required
g. List communications requirements for each PEI
   (1) Frequencies
   (2) Bandwidth required
h. List the power requirements for each PEI
i. List the ECUs required to support each PEI

2. Embarkation considerations
   a. State specifications of each PEI and ancillary equipment
   b. State transport required to move each end item:
      (1) Person
      (2) MHE
      (3) Air
      (4) Ground
      (5) Ship
   c. State safety consideration for movement of each PEI
   d. State proper labeling of each item
   e. Staging of equipment for embark
3. Setup considerations
   a. Equipment placement location
   b. Grounding
   c. Power and fuel sources
   d. Obstructions (natural or manmade)
   e. Sequence of equipment setup
   f. Sequence of turning on equipment
4. Sustain Operations considerations
   a. Requirement for PMCS
   b. State the purpose of a refueling schedule
   c. State the periodic checks required
   d. Environmental considerations to include HAZMAT containment, spillage prevention, and disposal
5. Retrograde considerations
   a. Prioritize sequence of equipment turn off and teardown
   b. Review packing list
   c. Stage the equipment for embark
   d. Identify the required transport for retrograde
   e. Turn-in temp loaned equipment
   f. HAZMAT disposal
   g. Clean up and restore area

Performance Standard. Without the aid of reference, complete the requirement items. The instructor will question and mentor the trainee throughout the discussion to ensure an understanding of each consideration.

Instructor. SI

Prerequisite. 2500, 2520, 2535, 2722, 2806, 2836, 3210

Reference. MCO P4790.2_

OMGT-3214 3.0 (1460) B,R L

Goal. Understand advance operations of the maintenance section.

Requirement. During a guided discussion address the following:

1. State the community core METs and output standards for each.
2. State the implied maintenance tasks for each MET.
3. Identify the different sections within the squadron and state their function:
   a. "S" sections
   b. Supply
   c. MMO
   d. Motor Transport
   e. Utilities
   f. EKMS
   g. CMMC
   h. Squadron Detachments and their sections
4. Discuss directives governing inspection of functional areas, at a minimum:
   a. MCO 4700.
   b. MCO 4790.2
   c. Unit SOP
5. State the AT's role and responsibilities within the maintenance section.
6. State those PEIs within the squadron that function as an integrated system
7. State the importance of writing and adhering to the different maintenance schedules according to NAVMC 10561.
8. Explain how different environments/operational commitments can impact the maintenance schedules.
9. Explain the methods used to secure COMSEC items during operations.
10. Explain the process from induction to disposal of PEIs.
11. Identify the key sections in an OPLAN that provide mission requirements.
12. Identify the different external agencies the squadron normally interconnects with during an operation/exercise.

Performance Standard. Without the aid of reference, complete the requirement items. Instructor will question and mentor the trainee throughout the discussion to ensure an understanding of each item.

Instructor. SI

Prerequisite. 2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242

Reference.
1. UM 4700
2. UM 4790

OMGT-3216 3.0 (1460) B,R L

Goal. Understand advance deployment considerations for the maintenance section.

Requirement. Given a mission by the instructor, during a guided discussion, address the following:

1. List the essential information needed to begin planning to deploy the section.
2. State the purpose and key elements of a site survey.
   a. Primary and alternate site determinants
   b. Tactical orientation of site
   c. Emplacement of equipment, to include
   d. Existing resources on site
3. Equipment considerations:
   a. State the PEI in an EDL and ancillary equipment required to support the mission.
   b. Determining power and fuel requirements.
   c. List communications requirements (frequency and bandwidth).
   d. List the key equipment publications for each PEI.
   e. List the software required for each PEI as applicable.
   f. State the secondary repairables that would be required on a float list, and factors that may impact the list.
   g. State the process for writing a packing list.
   h. State the process for writing Bill of Materials (BOM).
   i. State the MIMMS processes.
4. Architecture considerations:
   a. Communications
   b. Data
5. Embarkation considerations for PEIs:
   a. State capabilities and limitations of each PEI.
   b. State the different transport configurations.
   c. State special considerations for PEI transportation.
   d. State safety consideration for embarkation.
   e. Explain the purpose of pre-staging equipment:
      a. Squadron section involved
      b. Maintenance section role in the process.
6. Equipment Setup considerations:
   a. Determine site area capabilities and limitations
      (1) Access
      (2) Obstructions
      (3) Survivability
      (4) Existing support and resources available
      (5) Equipment security
   b. Establish sequence of equipment setup.
   c. State the reason there is a sequence for energizing and de-energizing equipment.
7. Sustain Operations considerations
   a. Schedule for PMCS.
   b. Adequate refueling schedule.
   c. Environmental considerations to include HAZMAT containment, spillage prevention, and disposal procedures.
8. Retrograde considerations
   a. Establish sequence of equipment turn off and teardown.
   b. Develop a staging plan for retrograde.
   c. Identify transportation requirements.
9. Personnel considerations
   a. Required T&R skill sets.
   b. Crew composition and total crews.
   c. State factors that make a personnel non-deployable.

d. Transportation arrangements

Performance Standard. Without the aid of reference, complete the requirement items. The instructor will question and mentor the trainee throughout the discussion to ensure an understanding of each consideration.

Instructor. SI

Prerequisite. 2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3214, 3242

Reference.
1. UM 4700
2. UM 4790

OMGT-3218 4.0 (1460) B,R L

Goal. Understand how to manage a maintenance section.

Requirement. During guided discussions, address the following:

1. List operational units and supporting establishments and their missions:
   (a) MACG and subordinate squadrons
   (b) Higher Headquarters up to HQMC
   (c) Supporting establishments
2. List the external agencies (including Joint agencies) that traditionally integrate/communicate with the squadron during operations
3. List the PEIs for each MACCS agency and state the purpose, capabilities and limitations of each.
4. State those PEIs within each agency that function as an integrated system
5. State the community core METs and output standards for each.
6. State the implied maintenance tasks for each MET.
7. Explain the methods used to secure COMSEC items during operations.
8. Describe the architectures for:
   (a) MACCS Integration
   (b) Communications
   (c) Data
9. List the doctrinal publications and key documents essential to determining mission and T&R requirements
   (a) MCWP
   (b) Concept of Employment
   (c) OPLANs
   (d) Annex K
   (e) TEEP
   (f) Community T&R Manual
10. For each publication and document listed above:
   (a) State the purpose
   (b) State the general content
   (c) State what pertinent information each provides
11. Describe the equipment reconciliation process
   (a) LM2
   (b) Daily Process Report (DPR)

(c) Daily Transaction Lists (DTL)
(d) Exceptions Report

12. Describe the float process
13. Describe the MIMMS process
14. Describe the QA process
15. Describe the process to change unit T/O and equipment allocation, to include:
    (a) Purpose of a TOECR
    (b) TOECR submission process and forms required
    (c) System used to process (TFSMS).
    (d) Reasons a TOECR would be submitted
16. Describe the UNS and UUNS process
17. Describe the frequency request process and timelines
18. Funding Lines
    (a) O&EM
    (b) Plan and Estimate (PE)
    (c) Requisitions Authority (RA)
    (d) MILCON
19. Identify and describe major milestones in the deployment planning process from mission through retrograde
20. List and explain the major deployment milestones and their importance, to include:
    (a) Predeployment
    (b) Deployment
    (c) Retrograde
21. Explain how a new equipment item is acquired by the Marine Corps and how each step impacts the maintenance section:
    (a) Identifying the requirement
    (b) Appropriating
    (c) Fielding
    (d) Induction
    (e) Disposal
    (f) Sundown

Performance Standard. Complete the requirement items IAW the reference. Instructor will question and mentor the trainee throughout the discussion to ensure an understanding of each item.

Instructor. SI

Prerequisite. 2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242

Reference.
1. UM 4700
2. UM 4790

OMGT-3222 4.0 (365) B,R (1) TDS L

Goal. Manage the Network

Requirement. Given a network, a checklist, applicable references, materials, and equipment:

1. Connectivity checks.
2. Log files check.
3. Network time check.
4. Trouble shoot network error(s).
5. Initiate corrective action if required.
6. Conduct an operational status check.

Performance Standard. With the aid of reference, manage the network by completing the requirement items and the checklist IAW the reference. Verify an operational system with the aid of references. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. SI

Prerequisite. 2030, 2035, 2040, 2045

Reference.
1. TBMCS SUMs
2. PSA SUM
3. SSA SUM
4. CCNA Exploration

OMGT-3224 12.0 (365) B,R (1) TBMCS L

Goal. Manage TBMCS.

Requirement. Given TBMCS, applicable references, materials, and equipment complete the following:

1. Update DNS
2. Update Active Directory
3. Update Microsoft exchange services
4. Update Licensing
5. Verify IRIS Services are running
6. Verify Windows Services are running
7. Verify Unix process are running
8. Verify DMD services are running
9. Verify Global Share availability
10. Verify Web-Logic Servers are running
11. Update Webpage Status
12. Update system passwords
13. Terminate stale connections
14. Perform offline database backup
15. Perform database cleanup
16. Perform system backups
17. Log Files Check
18. Network Time Check
19. Trouble Shoot error(s)
20. Initiate corrective action if required.
21. Conduct an operational status check.

Performance Standard. With the aid of reference, manage the TBMCS by completing the requirement. Verify an operational system with the aid of references. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES.

Instructor. SI

Prerequisite. 2100, 2102

Reference. TBMCS SUMs

OMGT-3226 2.0 (365) B,R (1) ADPE L

Goal. Manage ADPE.

Requirement. Given a network, applicable references, materials, and equipment:

1. Verify connectivity.
2. Check system log.
3. Check system time.
4. Check Network time.
5. Troubleshoot error(s).
6. Initiate corrective action if required.
7. Conduct an operational status check.

Performance Standard. With the aid of reference, manage the ADPE by completing the requirement. Verify an operational system with the aid of references. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. SI

Prerequisite. 2130, 2132, 2134, 2136, 2138

Reference.
1. Applicable user manuals
2. TBMCS PSA SUM

OMGT-3228 2.0 (365) B,R (1) AFATDS L

Goal. Manage the AFATDS.

Requirement. Given an AFATDS, applicable references, materials, and equipment:

1. Verify COMM Channel status
2. Verify JREAP status
3. Log Files Check
4. Network Time Check
5. Trouble Shoot error(s)
6. Conduct an operational status check.

Performance Standard. With the aid of reference, manage the AFATDS by completing the requirement. Verify an operational system with

the aid of references. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. SI

Prerequisite. 2050, 2055, 2060, 2065

Reference.
1. TM 7025-OR/1
2. TM 7025-OR/2
3. TM 7025-OR/3

OMGT-3230 2.0 (365) B,R (1) IOS L

Goal. Manage IOS.

Requirement. Given an IOS, applicable references, materials, and required equipment:

1. Verify CST status.
2. Verify JREAP status.
3. Purge Database.
4. Backup system.
5. Check log files.
6. Check network time.
7. Troubleshoot error(s).
8. Initiate corrective action if required.
9. Conduct an operational status check.

Performance Standard. With the aid of reference, manage the IOS by completing the requirement items and the checklist. Verify an operational system with the aid of references. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. SI

Prerequisite. 2075, 2080, 2085, 2090

Reference. IOS/IOW User' Manual

OMGT-3232 4.0 (365) B,R (1) CDLS, (1) DST L

Goal. Manage the CDLS.

Requirement. Given a CDLS and DST, applicable references, materials and equipment:

1. Check Log Files
2. Network Time Check
3. Trouble Shoot error(s)
4. Initiate corrective actions as required.
5. Conduct an operational status check.

Performance Standard. With the aid of reference, manage the CDLS by completing the requirement items and the checklist. Verify an operational system with the aid of references. Event can be

satisfied by completing the Tactical Data System Administrator Manager course at MCCES.

Instructor. SI

Prerequisite. 2150, 2154, 2158, 2160

Reference. TM 10987A-OI (CDLS manual)

OMGT-3234 8.0 (365) B,R (1) COC L

Goal. Manage COC.

Requirement. Given a COC, applicable references, materials, and equipment:

1. Update DNS.
2. Update Active Directory.
3. Update Microsoft exchange services.
4. Update Licensing.
5. Verify Windows Services are running.
6. Verify Global Share availability.
7. Update Webpage.
8. Update system passwords.
9. Terminate stale connections.
10. Make changes to display system.
11. Update DSU.
12. Perform system backups.
13. Log Files Check.
14. Network Time Check.
15. Trouble Shoot error(s).
16. Conduct an operational status check.

Performance Standard. With the aid of reference, manage the COC by completing the requirement. Verify an operational system with the aid of references. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. SI

Prerequisite. 2170, 2172, 2174, 2176

Reference. COC IETM

OMGT-3236 4.0 (365) B,R (1) LMS-MT L

Goal. Manage LMS-MT.

Requirement. Given a LMS-MT, applicable references, materials and equipment:

1. Perform system backups
2. Check Log Files
3. Network Time Check
4. Trouble Shoot error(s)
5. Initiate corrective actions as required.

Performance Standard. With the aid of reference, manage the LMS-MT by completing the requirement. Verify an operational system with the aid of references. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. SI

Prerequisite. 2180, 2182, 2184, 2186

Reference. LMS User's Manual

OMGT-3238 4.0 (365) B,R L

Goal. Design network architecture.

Requirement. Given required network information, draw a visual representation of the network consisting of the following:

1. Location of cells (i.e., COPS, FOPS, ACI, etc.).
2. Internet Protocol (IP) addresses, subnet, and netmask.
3. Notation of domain.
4. Computer hostnames.
5. Placement of switches/routers.
6. Placement of Primary End Items (PEIs).
7. Firewall information.

Performance Standard. With the aid of reference, draw the network architecture to include the requirement items. The event can be satisfied by completing the Tactical Data System Administrator Manager course at MCCES.

Instructor. SI

Prerequisite. 2030, 2035, 2040, 2045

Reference
1. DODD 8570.01
2. DODD 8500.01E
3. DODI 8500.2

OMGT-3240 2.0 (365) B,R L

Goal. Design a data link architecture.

Requirement. Given an Op Order and an OPTASK Link, draw a visual representation of the data link architecture to include:

1. Identify the data link requirement.
2. Identify the CST link requirement.
3. Identify the C2 platforms and determine the required connectivity
4. Develop a visual representation of the architecture to include units and primary and alternate modes of transmission.

Performance Standard. With the aid of reference, draw the data link architecture to include the requirement items. The event can be

satisfied by completing the Tactical Data System Administrator Manager course at MCCES

Instructor. SI

Prerequisite. 2850

Reference
1. MCRP 3-25C Introduction to TADIL J and Quick Reference Guide
2. CJCSM 6120.01_
3. OPTASKLINK
4. OPORD

OMGT-3242 2.0 (365) B,R (1) ISO SHELTER L

Goal. Erect AN/TYQ-1(V).

Requirement. Given a locally developed site diagram and as a crew of 6:

1. Emplace unit specific shelters according to site diagram.
2. Emplace 3-In-1 according to site diagram.
3. Emplace MERWS according to site diagram.
4. Level shelters as required.
5. Ground shelters.
6. Cable shelters.
7. Power shelters.
8. Emplace TDS equipment according to site diagram.
9. Cable TDS equipment.
10. Power TDS equipment.
11. Complete MIMMS administrative paperwork.

Performance Standard. With the aid of reference and IAW the site diagram, all shelters will be erected, cabled, and powered. All TDS equipment will be emplaced, cabled and powered. Each member that participates in performing the requirements above will be given credit for completion of the event.

Mechanical failure of the equipment does not necessarily constitute failure of this event. Instructor will ensure each trainee demonstrates an understanding of items 1-10 of the requirements.

Instructor. SI

Prerequisite. 2000

External Support. Material handling equipment.
FORKLIFT 10K

Reference.
1. Site diagram
2. Squadron Standard Operating Procedures (SOP)

OMGT-3244 12.0 (365) B,R (1)TACC (1)TDS L

Goal. Ensure proper erection of the TACC.

Requirement. Given a locally developed site diagram and a core competent crew of 6:

1. Ensure emplacement of unit shelters according to site diagram.
   a. 3-In-1
   b. MERWS
   c. ISO shelter
4. Ensure shelters are leveled as required.
5. Ensure shelters are grounded with no more than 8 ohms resistance
6. Ensure shelters are cabled.
7. Ensure shelters are powered.
8. Ensure emplacement of TDS equipment according to site diagram.
9. Ensure TDS equipment are cabled.
10. Ensure TDS equipment are powered.

Performance Standard. With the aid of reference and IAW the site diagram, all shelters will be erected, cabled, and powered. All TDS equipment will be emplaced, cabled and powered. Mechanical failure of the equipment does not necessarily constitute failure of this event. Instructor will ensure that each trainee demonstrates an understanding of items 1-10 of the requirements.

Instructor. SI

Prerequisite. None

External Support. Material handling equipment. Forklift 10K.

Reference.
1. Site diagram
2. Squadron Standard Operating Procedures (SOP)

3.11 CORE PLUS SKILL PHASE (4000 Phase)

3.11.1 Purpose. To teach the trainee how to setup, install and manage the common connectivity device.

3.11.2 General

3.11.2.1 Prerequisite. NONE

3.11.2.2 Admin Notes. NONE

3.11.2.3 Stages. The following stages are included in the Core Plus Skill Phase of training.

PAR NO.	STAGE NAME
3.11.3	COMMON CONNECTIVITY DEVICE (CCD)

3.11.3 COMMON CONNECTIVITY DEVICE (CCD) STAGE

3.11.3.1 Purpose. To teach the trainee how to setup, install and manage the CCD.

3.11.3.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

CCD-4005 2.0 (*) B 1 CCD L

Goal. Identify the CCD.

Requirement. Given a CCD and references:

1. Identify the purpose
2. Identify its functions.
3. Identify software.
4. Identify hardware components.

Performance Standard. Without the aid of reference, verbally identify the requirement items IAW the references.

Instructor. SI

Reference. Applicable technical manuals.

CCD-4010 4.0 (365) B,R 1 CCD L

Goal. Setup CCD equipment.

Requirement. Given a site diagram, references, materials, and required equipment:

1. Emplace components.
2. Cable components.
3. Energize components.
4. Conduct operational status check.

Performance Standard. With the aid of reference and using the site diagram, setup the CCD equipment by completing the requirement items IAW the references.

Instructor. SI

Prerequisite. 4005

Reference.
1. Applicable technical manuals.
2. Site diagram

CCD-4015 2.0 (365) B, R 1 CCD L

Goal. Install CCD software.

Requirement. Given a site diagram, references, materials, and required equipment:

1. Perform vendor software image recovery/software installation.
2. Configure network settings.
3. Configure time.
4. Log progress.
5. Log errors.

Performance Standard. With the aid of reference and using the site diagram, install the CCD software by completing the requirement items IAW the references.

Instructor. SI

Prerequisite. 4005, 4010

Reference.
1. Applicable technical manuals.
2. Site diagram

CCD-4020 2.0 (365) B,R 1 CCD L

Goal. Manage the Common Connectivity Device (CCD)

Requirement. Given a CCD, references, materials, and required equipment:

1. Establish Link-11B data link.
2. Establish JREAP-B data link.
3. Provide JREAP-C data link.
4. Perform system backups.
5. Check log files.
6. Check Network time
7. Trouble shoot error(s).
8. Initiate corrective actions if required.

Performance Standard. With the aid of reference, administer the CCD by completing all items on the checklist IAW the reference.

Instructor. SI

Prerequisite. 4005, 4010, 4015

Reference. Applicable technical manuals.

CCD-4025 4.0 (365) B, R 1 CDLS, 1 DST L

Goal. Provide Link 11B via the CCD.

Requirement. Given a CDLS and DST, references, materials and required equipment, perform the following:

1. Configure equipment.
2. Establish Link 11B.
3. Trouble Shoot error(s)
4. Initiate corrective actions as required.

Performance Standard. With the aid of reference, administer the CDLS by completing all items on the checklist IAW the reference.

Instructor. SI

Prerequisite. 4005, 4010, 4015, 4020

Reference. Applicable technical manuals.

CCD-4030 4.0 (365) B, R 1 CDLS, 1 DST L

Goal. Provide JREAP B/C via the CCD.

Requirement. Given a CDLS and DST, references, materials and required equipment, perform the following:

1. Configure equipment.
2. Establish JREAP B.
3. Establish JREAP C
4. Trouble Shoot error(s)
5. Initiate corrective actions as required.

Performance Standard. With the aid of reference, administer the CDLS by completing all items on the checklist IAW the reference.

Instructor. SI

Prerequisite. 4005, 4010, 4015, 4020

Reference. Applicable technical manuals.

3.12 INSTRUCTOR UNDER TRAINING PHASE (5000 Phase)

3.11.1 Purpose. To provide technicians the additional skills necessary to instruct, evaluate and approve event completions. Upon completion of the required training, an individual may be approved for instructor designation by the commanding officer.

3.12.2 General

3.12.2.1 Prerequisite: NONE

3.12.2.2 Admin Notes.

a. The MACCS instructor concept is a means to standardize all instructors across the MACCS in regards to the concepts of managing a WTTP, properly conducting training, performing evaluations, and recommending training plans.

b. There are different instructor designations (listed below). The intent is to train individuals with different levels and areas of experience to instruct personnel. Instructor experience is also gained while progressing through the different instructor designations.

(1) Basic Instructor (BI)

(2) Senior Instructor (SI)

(3) The MAWTS-1 C3 Course catalog contains the training requirements for the above listed instructors. The catalog is located at the MAWTS-1 website, https://www.intranet.tecom.usmc.mil/sites/mawts1/default.aspx.

(4) The table below outlines the events that each instructor can train, evaluate, and approve or recommend for approval.

INSTRUCTOR	Event Training, Evaluation and Approval
BI	Core Skill events in which current and proficient.
SI	Core Skill, Mission Skill, and Core Plus events in which current and proficient.
WTI	Mission Skill, Core Plus, and Qualification events. WTI: - Evaluate/recommend for qualification / designation.

T&R CODE	EVENT DESCRIPTION	INSTRUCTOR
5000	Introduce principles of instruction	BI
5010	Understand the structure of an event	BI
5020	Conduct a period of instruction on a core skill event	BI
5100	Understand the Aviation Training and Readiness (T&R) Program	SI
5110	Understand the applicable community T&R program	SI
5120	Understand T&R administration	SI
5130	Develop a training plan	SI

3.13 REQUIREMENTS, CERTIFICATIONS, QUALIFICATIONS, AND DESIGNATIONS (6000 Phase)

3.13.1 Purpose. This phase provides community standardization for technician qualifications and designations; combat leaders and instructor designations; and tracking of collateral duties (CD) assignments,. This syllabus does not contain "one time" certification training requirements.

3.13.2 General

3.13.2.1 Prerequisite. Per the applicable syllabus.

3.13.2.2 Admin Notes.

(1) This section enables units to document and track combat leaders, instructors, technicians and CD assignments. All syllabus training and administration requirements must be complete prior to being designated. A qualification or designation is not effective until all administration is completed.

(2) The WTI shall review the IPR to ensure all required training, documentation and administrative actions have been completed prior to staffing qualification or designation recommendations for approval.

(3) Only once an individual is qualified or designated in writing, the signed letter is filed in the IPR, and all administrative actions are completed, and the event code has been logged in M-SHARP shall the qualification or designation be effective.

3.13.2.3 Stages. The following stages are included in the RCQD Phase of training.

PAR NO.	STAGE NAME
3.13.3	QUALIFICATION (QUAL)
3.13.4	DESIGNATION (DESG)

3.13.3 QUALIFICATION (QUAL) STAGE

3.13.3.1 Purpose. To provide for technician qualifications.

3.13.3.2 General

Prerequisite. NONE

Admin Notes. Policies and rules for attaining and maintaining qualifications are detailed in the Aviation T&R Program Manual and this Manual.

Crew Requirements: NONE

QUAL-6475

Goal. Qualification as a C2SM.

Requirement. Complete required C2SM Remote training events. Be recommended for qualification by a MI or WTI (5902) and qualified in writing by the commanding officer.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2130, 2132, 2134, 2136, 2138, 2140, 2170, 2172, 2174, 2176, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3228, 3230, 3234

QUAL-6480

Goal. Qualification as WTF.

Requirement. Complete required WTF training events. Be recommended for qualification by a MI or WTI (5902) and qualified in writing by the commanding officer.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3222

QUAL-6485

Goal. Qualification as a TBSA.

Requirement. Complete required TBSA training events. Be recommended for qualification by a MI or WTI (5902) and qualified in writing by the commanding officer.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3224

QUAL-6490

Goal. Qualification as a TDLA.

Requirement. Complete required TDLA training events. Be recommended for qualification by a MI or WTI (5902) and qualified in writing by the commanding officer.

Prerequisite. 2000, 2005, 2010, 2015, 2020, 2025, 2150, 2152, 2154, 2156, 2158, 2160, 2180, 2182, 2184, 2186, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 2714, 2728, 2744, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 3232, 3236

QUAL-6500

Goal. Qualification as a Tactical Data Systems Basic Administration Technician (TDSABT).

Requirement. Complete required Basic Technician training POI. Be recommended for qualification by an MI or WTI (5902) and qualified in writing by the commanding officer.

Prerequisite. 2000, 2500, 2520, 2535, 2722, 2756, 2806, 2836, 3208, 3210, 3212, 3242

QUAL-6505

Goal. Qualification as a Tactical Data Systems Administration Advanced Technician (TDSAAT).

Requirement. Complete required Advanced Technician training POI. Be recommended for qualification by a MI or WTI (5902) and qualified in writing by the commanding officer.

Prerequisite. 2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2750, 2752, 2754, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242

3.13.3 DESIGNATION (DESG) STAGE

3.13.3.1 Purpose. To provide for designation of combat leaders and instructors. Designations are command specific and expire when an individual transfers out of a command. In order to ensure proficiency is maintained, specific events have been R-coded. The gaining command shall review the IPR to ensure prerequisite R-coded events for a designation are current prior to approving that designation. If prerequisite R-coded events are delinquent, the individual shall update those events.

3.13.3.2 General

Prerequisite. NONE

Admin Notes. NONE

Crew Requirements: NONE

DESG-6320

Goal. Designation as a Basic Instructor (BI).

Requirement. Be recommended for designation by a MI or WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020

DESG-6321

Goal. Designation as Senior Instructor (SI).

Requirement. Be recommended for designation by a MI or WTI and designated in writing by the commanding officer.

Prerequisite. 5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320

DESG-6510

Goal. Designation as a Tactical Data Systems Administration Chief (TDSAC).

Requirement. Be recommended for designation by a MI or WTI (5902) and designated in writing by the commanding officer.

Prerequisite. 2030, 2035, 2040, 2045, 2850, 3208, 3238, 3240, 8000, 8020

DESG-6515

Goal. Designation as a Tactical Air Command and Control Maintenance Chief (TACCMC)

Requirement. Be recommended for designation by a MI or WTI (5902) and designated in writing by the commanding officer.

Prerequisite. 2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2540, 2600, 2605, 2610, 2615, 2620, 2708, 2710, 2712, 2714, 2722, 2738, 2804, 2806, 2832, 2836, 2838, 2840, 2850, 3005, 3100, 3105, 3110, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3218, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3238, 3240, 3242, 3244, 8060, 8080, MCI 0410, MCI 0414, SCHL-6020, SCHL-6021

DESG-6550 2.0 (*) B L

Goal. Assignment as a Maintenance Safety NCO.

Requirement. Perform all duties associated with the Maintenance Safety NCO IAW the reference for a period of no less than 90 days.

Performance Standard. The technician will prepare the maintenance safety CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2525, 2530

Reference. MCO P4790.2_

DESG-6555 2.0 (*) B L

Goal. Assignment as a Maintenance HAZMAT NCO.

Requirement. Perform all duties associated with the Hazmat NCO IAW the reference for a period no less than 90 days.

Performance Standard. The technician will prepare the maintenance HAZMAT CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2525, 2530

Reference. MCO P4790.2_

DESG-6560 2.0 (*) B L

Goal. Assignment as a Maintenance Publications NCO.

Requirement. Perform all duties associated with the Publications NCO IAW the reference for a period no less than 90 days.

Performance Standard. The technician will prepare the maintenance publications CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2520

Reference. MCO P4790.2_

DESG-6565 2.0 (*) B L

Goal. Assignment as a Maintenance Training NCO.

Requirement. Perform all duties associated with the Training NCO IAW the reference for a period of no less than 90 days.

Performance Standard. The technician will prepare the maintenance training CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500

Reference. MCO P4790.2_

DESG-6570 2.0 (*) B L

Goal. Assignment as a Maintenance Tools NCO.

Requirement. Perform all duties associated with the Tools NCO IAW the reference for a period no less than 90 days.

Performance Standard. The technician will prepare the maintenance tools CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2515, 2545

Reference. MCO P4790.2_

DESG-6575 2.0 (*) B L

Goal. Assignment as a Maintenance Calibrations NCO.

Requirement. Perform all duties associated with the Calibrations NCO IAW the reference for a period no less than 90 days.

Performance Standard. The technician will prepare the maintenance calibrations CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2505, 2545, MCI 287

Reference. MCO P4790.2_

DESG-6580 2.0 (*) B L

Goal. Assignment as a Maintenance Modifications NCO.

Requirement. Perform all duties associated with the Modifications NCO IAW the reference for a period no less than 90 days.

Performance Standard. The technician will prepare the maintenance modifications CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2510, 2545

Reference. MCO P4790.2_

DESG-6585 2.0 (*) B L

Goal. Assignment as a Maintenance Embarkation NCO.

Requirement. Perform all duties associated with the Embarkation NCO IAW the reference for a period no less than 90 days.

Performance Standard. The technician will prepare the maintenance embarkation CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2535, 2545

Reference. MCO P4790.2_

DESG-6590 2.0 (*) B L

Goal. Assignment as a Marine Corps Integrated Maintenance Management System (MIMMS) NCO.

Requirement. Perform all duties associated with the Marine Corps Integrated Maintenance Management System (MIMMS) NCO.IAW the reference for a period of no less than 90 days.

Performance Standard. The technician will prepare the MIMMS CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500, 2540, 2545, MCI 0410

Reference. MCO P4790.2_

DESG-6595 2.0 (*) B L

Goal. Assignment as a Maintenance Quality Control (QC) NCO.

Requirement. Perform all duties associated with the Quality Control NCO IAW the reference for a period of no less than 90 days.

Performance Standard. The technician will prepare the maintenance QC CD area for inspection. The instructor shall conduct an inspection of this collateral duty and if it results in mission capable then the requirement has been met.

Instructor. SI that is either currently assigned to the CD or held the CD within the last 12 months.

Prerequisite. 2500

Reference. MCO P4790.2_

3.14 AVIATION CAREER PROGRESSION MODEL (8000)

3.14.1 Purpose. To enhance the professional understanding of Marine Aviation and the MAGTF, and to ensure individuals possess the requisite skills to fill battle command and battle staff positions in support of the ACE and the MAGTF in a joint environment. The focus in the Aviation Career Progression Model (ACPM) is on academics in the following areas:

Marine Air Command and Control System (MACCS)
Aviation Combat Element (ACE)
Threat to the MAGTF
MAGTF Joint Air Operations

3.14.2 General. The ACPM is intended to be an integrated series of academic events contained within each phase of training. Accordingly, ACPM academic events are like any other academic event in that they serve as prerequisites to selected training events or stages. Additionally, several ACPM academic events are integrated as prerequisite for certain combat leadership syllabi.

ACPM events may be conducted in group session with an assigned instructor teaching the period of instruction or they may be accomplished by self-paced instruction.

MAWTS-1 is responsible for the update and validity of the ACPM periods of instruction. In the future, courses may be consolidated or revised to meet changing requirements. Refer to the MAWTS-1 ACPM link for the current ACPM program of instruction:

https://www.intranet.tecom.usmc.mil/sites/mawts1/mawts1%20webpages/Aviation%20Career%20Progression%20Model.aspx?PageView=Shared

Completed events shall be manually logged and tracked in M-SHARP.

ACPM academic events, along with their identifying prerequisite association with other training phases/stages/events, are listed below.

STAGE	TRNG CODE	T&R DESCRIPTION		ACAD TIME	TO BE COMPLETED DURING
ACPM	8000	**MACCS**		1	2000
ACPM	8001	MARINE AIR COMMAND AND CONTROL SYSTEM		4	2000
ACPM	8002	TACTICAL AIR COMMAND CENTER (TACC)		4	2000
ACPM	8003	DIRECT AIR SUPPORT CENTER (DASC)		4	2000
ACPM	8004	TACTICAL AIR OPERATIONS CENTER (TAOC)		4	2000
ACPM	8005	MARINE AIR TRAFFIC CONTROL (MATC)		4	2000
ACPM	8006	LOW ALTITUDE AIR DEFENSE (LAAD)		4	2000
ACPM	8007	UAS SUPPORT TO THE MAGTF		4	2000
ACPM	8008	MARINE WING COMMUNICATION SQUADRON (MWCS)		4	2000
ACPM	8020	**ACE**		1	3000
ACPM	8021	AVIATION OPERATIONS		4	3000
ACPM	8022	CONTROL OF AIRCRAFT AND MISSILES		4	3000
ACPM	8023	OFFENSIVE AIR SUPPORT (OAS)		4	3000
ACPM	8024	ASSAULT SUPPORT		4	3000
ACPM	8025	AIR RECONNAISSANCE		4	3000
ACPM	8026	ELECTRONIC WARFARE		4	3000
ACPM	8027	ANTI-AIR WARFARE		4	3000
ACPM	8028	AVIATION GROUND SUPPORT		4	2000
ACPM	8040	**THREAT**		1	4000

STAGE	TRNG CODE	T&R DESCRIPTION		ACAD TIME	TO BE COMPLETED DURING
ACPM	8041	SURFACE TO AIR THREAT TO THE MAGTF		4	4000
ACPM	8042	FIXED WING THREAT TO THE MAGTF		4	4000
ACPM	8043	ROTARY WING THREAT TO THE MAGTF		4	4000
ACPM	8044	MISSILE AND UAS THREAT TO THE MAGTF		4	4000
ACPM	8045	RADIO ELECTRONIC COMBAT THREAT TO THE MAGTF		4	4000
ACPM	8060	**MAGTF**		1	3000
ACPM	8061	GROUND COMBAT OPERATIONS		4	3000
ACPM	8062	FIRE SUPPORT COORDINATION IN THE GCE		4	3000
ACPM	8063	MAGTF COMMAND AND CONTROL		4	2000
ACPM	8064	MAGTF COMMUNICATIONS		4	3000
ACPM	8065	PHASING CONTROL ASHORE		4	3000
ACPM	8080	**JOINT AIR OPERATIONS**		1	3000
ACPM	8081	COMMAND AND CONTROL OF JOINT AIR OPERATIONS		4	3000
ACPM	8082	THEATER AIR CROUND SYSTEM (TAGS)		4	3000
ACPM	8083	JOINT FIRE SUPPORT		4	3000
ACPM	8084	CLOSE AIR SUPPORT		4	3000
ACPM	8085	JOINT TARGETING		4	3000
ACPM	8086	NORTH ATLANTIC TREATY ORGANIZATION (NATO)		4	3000
ACPM	8087	JOINT AIRSPACE CONTROL		4	3000
ACPM	8088	COUNTERING AIR AND MISSILE THREATS		4	3000
TOTAL ACPM STAGE			39	141	

3.15 T&R ATTAIN AND MAINTAIN TABLES

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
CORE SKILL (2000 Phase)											
Describe unit specific shelters.	SHEL	2000	*	SHEL	2000	SHEL		SHEL		2200, 2225, 2240	-
Emplace shelter.		2005	*		2005					2000, 2200, 2225, 2240	-
Establish grounds on unit specifc shelters.		2010	*		2010					2000, 2200, 2225, 2240	-
Cable shelter for power.		2015	*		2015					2000, 2010, 2200, 2225, 2240	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Emplace and power 3-in-1 shelter.		2020R	365		2020R		2020R		2020R	2000, 2010, 2015, 2200, 2225, 2240	-
Emplace and power MERWS shelter.		2025R	365		2025R		2025R		2025R	2000, 2010, 2015, 2200, 2225, 2240	-
Identify network equipment.		2030R	1460		2030R		2030R		2030R	-	-
Setup Network Equipment.		2035R	365		2035R		2035R		2035R	2030	-
Establish Local Area Network.	NET	2040R	365	NET	2040R	NET	2040R	NET	2040R	2030, 2035	-
Configure network security.		2045R	365		2045R		2045R		2045R	2030, 2035, 2040	-
Identify AFATDS		2050	*		2050					-	-
Setup AFATDS Equipment.		2055	*		2055					2050	-
Install AFATDS software.	AFATD	2060R	365	AFATD	2060R	AFATD	2060R	AFATD	2060R	2000, 2050, 2055, 2065, 2405, 2500, 2515, 2520, 2535, 2545, 2708, 2722, 2746, 2748, 2806, 2836, 2846, 3208, 3210, 3212, 3242	-
Configure AFATDS.		2065R	365		2065R		2065R		2065R	2050, 2055, 2060, 2655, 2844	-
Identify the IOS		2075	*		2075					-	-
Setup IOS Equipment.		2080R	365		2080R		2080R		2080R	2075	-
Install IOS software.	IOS	2085R	365	IOS	2085R	IOS	2085R	IOS	2085R	2075, 2080,	-
Configure IOS.		2090R	365		2090R		2090R		2090R	2075, 2080,	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										2085	
Identify TBMCS.	TBMCS	2100	*	TBMCS	2100	TBMCS		TBMCS		-	-
Emplace TBMCS equipment.		2102R	1095		2102R		2102R		2102R	2100	-
Conduct TBMCS PRE-BUILD PHASE.		2104R	365		2104R		2104R		2104R	2100	-
Conduct TBMCS BUILD PHASE 1.		2106R	365		2106R		2106R		2106R	2100	-
Conduct TBMCS BUILD PHASE 2.		2108R	365		2108R		2108R		2108R	2100	-
Conduct TBMCS BUILD PHASE 3.		2110R	365		2110R		2110R		2110R	2100	-
Conduct TBMCS BUILD PHASE 4.		2112R	365		2112R		2112R		2112R	2100	-
Conduct TBMCS BUILD PHASE 5.		2114R	365		2114R		2114R		2114R	2100	-
Conduct TBMCS BUILD PHASE 6.		2116R	365		2116R		2116R		2116R	2100	-
Conduct TBMCS BUILD PHASE 7.		2118R	365		2118R		2118R		2118R	2100	-
Conduct TBMCS BUILD PHASE 8.		2120R	365		2120R		2120R		2120R	2100	-
Conduct TBMCS POST-CONFIG PHASE.		2122R	365		2122R		2122R		2122R	2100	-
Conduct TBMCS PATCH INSTALL.		2124R	365		2124R		2124R		2124R	2100	-
Conduct TBMCS VERIFICATION.		2126R	365		2126R		2126R		2126R	2100	-
Identify ADPE Server	ADPE	2130	*	ADPE	2130	ADPE		ADPE		-	-
Identify the IOW.		2132R	365		2132R		2132R		2132R	-	-
Setup ADPE.		2134R	365		2134R		2134R		2134R	2130, 2132	-
Install ADPE systems.		2136	*		2136					2130, 2132, 2134	-
Configure ADPE.		2138R	365		2138R		2138R		2138R	2130, 2132, 2134, 2136	-
Configure C2PC		2140R	365		2140R		2140R		2140R	-	-
Identify the CDLS.	CDLS	2150	*	CDLS	2150	CDLS		CDLS		-	-
Identify AN/USC-55A Commanders Tactical Terminal Hybrid 3.		2152	*		2152					-	-
Setup CDLS equipment.		2154R	365		2154R		2154R		2154R	2170	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Setup CTT Equipment.		2156R	365		2156R		2156R		2156R	3152	-
Install CDLS Software.		2158R	365		2158R		2158R		2158R	2150, 2154	-
Configure the CDLS.		2160R	365		2160R		2160R		2160R	2150, 2154, 2158	-
Identify the COC.		2170	*		2170					-	-
Setup the COC.		2172R	365		2172R		2172R		2172R	2170	-
Install COC software.	COC	2174R	365	COC	2174R	COC	2174R	COC	2174R	2170, 2172	-
Configure the COC operations trailer.		2176R	365		2176R		2176R		2176R	2170, 2172, 2174	-
Identify the LMS-MT.		2180	*		2180					-	-
Setup the LMS-MT equipment.		2182R	365		2182R		2182R		2182R	2180	-
Install LMS-MT software.	LMSMT	2184R	365	LMSMT	2184R	LMSMT	2184R	LMSMT	2184R	2180, 2182	-
Configure the LMS-MT.		2186R	365		2186R		2186R		2186R	2180, 2182, 2184	-
Utilize Multi-meter.		2200	*		2200					MCI 287A	-
Utilize Ground Tester.	TMDE	2225	*	TMDE	2225	TMDE		TMDE		MCI 287A	-
Utilize Twisted Pair Tester		2240	*		2240					MCI 287A	-
Induct Equipment Into Maint Cycle		2400	*		2400					-	-
Conduct SI-3 Inventory		2405	*		2405					-	-
Indetify Purpose of PM		2475	*		2475					-	-
Conduct Preventative Maintenance Checks and Services (PMCS)	PMCM	2480	*	PMCM	2480	PMCM		PMCM		-	-
Initiate Corrective Maintenance (CM).		2485	*		2485					2480	-
Maintenance Collateral Duties		2500	*		2500					-	-
Identify Calibration Program	CD	2505	*	CD	2505	CD		CD		2500, MCI 287A	-
Maintenance Mod Program		2510	*		2510					2500	-
Maintenance Tool Control Program		2515	*		2515					2500	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Maintenance Pub Library Program		2520	*		2520					2500	-
Maintenance Safety Prog		2525	*		2525					2500	-
MSDS		2530	*		2530					2500	-
Embarkation Elements		2535	*		2535					2500	-
MIMMS Forms		2540R	365		2540R		2540R		2540R	2500, MCI 0410C	-
Equipment Record Jacket		2545	*		2545					2500	-
Describe handling and storage of classified materials.		2600R	365		2600R		2600R		2600R	MCI 2525B	-
Familiar with physical security requirements		2605R	365		2605R		2605R		2605R	MCI 2525B	-
Conduct crew change over security procedures.	COMSEC	2610R	365	COMSEC	2610R	COMSEC	2610R	COMSEC	2610R	MCI 2525B, 2000	-
Extract key material information from EKMS COMSEC callout.		2615R	365		2615R		2615R		2615R	MCI 2525B, 2000	-
Utilize Simple Key Loader (SKL)		2620R	365		2620R		2620R		2620R	MCI 2525B, 2000, 2010, 2015	-
State HF, VF, and UHF frequency spectrums.		2655	*		2655					-	-
Describe HF, VF, UHF radio characteristics.	FAM	2660R	1460	FAM	2660R	FAM	2660R	FAM	2660R	-	-
Install Earth Ground		2665	*		2665					2225	-
Identify TFSMS Process		2700	*		2700					-	-
Equipment Disposition	MMGT	2702	*	MMGT	2702	MMGT		MMGT		2000, 2405, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210,	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										3212, 3242	
PMCS Schedule		2704	*		2704					2000, 2475, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-
Inventory Control Procedures		2706R	1460		2706R		2706R		2706R	2405, 2500, 2515, 2545	-
ID functions of Maint Management		2708	*		2708					2500	-
Reconcile MIMMS AIS Rpt		2710R	365		2710R		2710R		2710R	2000, 2405, 2500, 2515, 2520, 2535, 2545, 2722, 2806, 2836, 3208, 3210, 3212, 3242, MCI 0410, MCI 0414	-
Identify Float Process		2712R	1460		2712R		2712R		2712R	2100, 2112, MCI 0410	-
Define Major funding lines		2714R	1460		2714R		2714R		2714R	-	-
New equipment inducting process		2716	*		2716					2400, 2500, 2540, 2545, MCI 0410	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Phase out equipment process		2718	*		2718					2000, 2405, 2500, 2520, 2535, 2540, 2545, 2704, 2722, 2806, 2836, 3208, 3210, 3212, 3242, MCI 0410	
Conduct QA Inspection		2720R	1460		2720R		2720R		2720R	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620,	

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242	
Inspect Maint Functional Areas		2722R	1460		2722R		2722R		2722R	2500, 2520	

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Submit TOECR		2724	*		2724					2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2700, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216,	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242	
UNS Process		2726	*		2726					2806	-
Develop Budget		2728R	1460		2728R		2728R		2728R	2714	-
CMR Review		2730R	1460		2730R		2730R		2730R	2000, 2400, 2405, 2500, 2520, 2535, 2540, 2545, 2704, 2716, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Maintain Publication Library		2732	*		2732					2500, 2520	-
Maintain Safety Procedures		2734	*		2734					2500, 2525	-
Maintain Calabration Procedures		2736	*		2736					2500, 2505, MCI 287	-
Maintain MIMMS Procedures		2738	*		2738					2500, 2540, MCI 0410	-
CCI Procedures Implemented		2740	*		2740					2600, 2605, 2610, 2615, 2620	-
Ensure PMCS on TACC		2742	*		2742					2000, 2475, 2480, 2500, 2520, 2535, 2540, 2545, 2704, 2716, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-
Maintain Equipment Records		2744	*		2744					2500, 2545	-
Command Level Brief		2746R	365		2746R		2746R		2746R	-	-
Inventory Control Procedures		2748R	1460		2748R		2748R		2748R	2000, 2405, 2500, 2515, 2520, 2535, 2545, 2708, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-
UURI AUTH LETTER		2750	*		2750					-	-
WIR PROCEDURES		2752	*		2752					-	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
MAINT CYCLE EXT LETTER		2754	*		2754					-	-
PQDR PROCEDURES		2756	*		2756					-	-
Key Planning Documents		2802	*		2802					-	-
Elements of an Op Order		2804	*		2804					-	-
Mission Equipment Requirements		2806R	365		2806R		2806R		2806R	-	-
Conduct a site survey		2830R	1460		2830R		2830R		2830R	-	-
Crew Requiirements		2832R	365		2832R		2832R		2832R	-	-
Supply Support Requirement		2834	*		2834					2806	-
Develop Embarkation Plan		2836	*		2836					2806	-
EDL		2838R	1460		2838R		2838R		2838R	2806	-
IOW Embarkation		2840R	1460		2840R		2840R		2840R	2132, 2806	-
Power Requirements		2842R	365		2842R		2842R		2842R	2806	-
Submit Frequency Request		2844	*		2844					2655	-
Logistics Support Request (LSR)	OMGT	2846	*	OMGT	2846	OMGT		OMGT		2806	-
Bill of Material (BOM)		2848R	1460		2848R		2848R		2848R	2806	-
Administering the network		2850R	365		2850R		2850R		2850R	-	-
Verify TDS Operational		2852R	365		2852R		2852R		2852R	-	-
Perform Security Administration		2854R	365		2854R		2854R		2854R	-	-
Provide Link 11 HF via the CDLS		2856R	365		2856R		2856R		2856R	2150, 2154, 2158, 2160	-
Provide Link 11B via the CDLS		2858R	365		2858R		2858R		2858R	2150, 2154, 2158, 2160	-
Provide Link 16 via the CDLS		2860R	365		2860R		2860R		2860R	2150, 2154, 2158, 2160	-
Provide JREAP B/C via the CDLS		2862R	365		2862R		2862R		2862R	2150, 2154, 2158, 2160	-

MTACS MAINTENANCE MOS 5974											
CORE/MISSION/CORE PLUS ATTAIN AND MAINTAIN MATRIX											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Provide intelligence links		2864R	365		2864R		2864R		2864R	2152, 2156	-
Provide Link 11B via the LMSMT		2866R	365		2866R		2866R		2866R	2180, 2182, 2184, 2186	-
Provide Link 16 via the LMSMT		2868R	365		2868R		2868R		2868R	2180, 2182, 2184, 2186	-
Provide Link JREAP B/C via the LMSMT		2870R	365		2870R		2870R		2870R	2180, 2182, 2184, 2186	-
Provide Link 11 UHF via the CDLS.		2872R	365		2872R		2872R		2872R	2150, 2154, 2158, 2160	-
Provide JREAP A via the CDLS.		2874R	365		2874R		2874R		2874R	2150, 2154, 2158, 2160	-
Provide JREAP A via the LMS-MT.		2876R	365		2876R		2876R		2876R	2180, 2182, 2184, 2186	-
Identify MACS		2900	*		2900					8004, 8005	-
Identify MATC Air Stations		2905	*		2905					8005	-
Identify MASS		2910	*		2910					8003	-
Identify MTACS		2915	*		2915					8002	-
Identify LAAD		2920	*		2920					8006	-
Identify VMU		2925	*		2925					8007	-
Identify MWCS	ORGS	2930	*	ORGS	2930	ORGS		ORGS		8008	-
Identify MWSS		2935	*		2935					8028	-
Identify MLG support sections		2940	*		2940					-	-
HHQ Mission and Support Agencies		2945	*		2945					8001, 8063	-
MACCS OV (ADD)		2950R	1460		2950R		2950R		2950R	8000, 8028, 8063	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Prepare System Embark	TACCOPS	DEPL-3005R	730	TACCOPS	DEPL-3005R	TACCOPS	DEPL-3005R	TACCOPS	DEPL-3005R	2132, 2405, 2500, 2535, 2806, 2838, 2840	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Deploy a Maint Section ISO TACC		DEPL-3010R	730		DEPL-3010R		DEPL-3010R		DEPL-3010R	2132, 2405, 2500, 2535, 2806, 2838, 2840, 3005	-
Verify Maintenance Process		MMGT-3100	*		MMGT-3100					2500, 2540, 2710, 2748	-
Validate float process.		MMGT-3105R	1095		MMGT-3105R		MMGT-3105R		MMGT-3105R	2500, 2540, 2712	-
Funding Requirements		MMGT-3110	*		MMGT-3110					2714	-
COMSEC Handling		OMGT-3204R	730		OMGT-3204R		OMGT-3204R		OMGT-3204R	2600, 2605, 2610, 2615, 2620	-
Identify Operational requirements.		OMGT-3206R	365		OMGT-3206R		OMGT-3206R		OMGT-3206R	2804, 2806, 2832	-
Perform CBRN		OMGT-3208R	365		OMGT-3208R		OMGT-3208R		OMGT-3208R	-	-
Understand Basic Maint Section Ops		OMGT-3210R	1460		OMGT-3210R		OMGT-3210R		OMGT-3210R	2500, 2520, 2722	-
Understanding Basic Maint Section Deploy Considerations		OMGT-3212R	1460		OMGT-3212R		OMGT-3212R		OMGT-3212R	2500, 2520, 2535, 2722, 2806, 2836, 3210	-
Understand Advanced Maint Section Ops		OMGT-3214R	1460		OMGT-3214R		OMGT-3214R		OMGT-3214R	2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-
Understanding Advanced Maint Section Deploy Considerations		OMGT-3216R	1460		OMGT-3216R		OMGT-3216R		OMGT-3216R	2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3214, 3242	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Understand Maint Sect Management		OMGT-3218R	1460		OMGT-3218R		OMGT-3218R		OMGT-3218R	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224,	

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										3226, 3228, 3230, 3232, 3234, 3236, 3242	
Manage network.		OMGT-3222R	365		OMGT-3222R		OMGT-3222R		OMGT-3222R	2030, 2035, 2040, 2045	-
Manage TBMCS		OMGT-3224R	365		OMGT-3224R		OMGT-3224R		OMGT-3224R	2100, 2102	-
Manage ADPE.		OMGT-3226R	365		OMGT-3226R		OMGT-3226R		OMGT-3226R	2130, 2132, 2134, 2136, 2138	-
Manage AFATDS		OMGT-3228R	365		OMGT-3228R		OMGT-3228R		OMGT-3228R	2050, 2055, 2060, 2065	-
Manage the IOS.		OMGT-3230R	365		OMGT-3230R		OMGT-3230R		OMGT-3230R	2075, 2080, 2085, 2090	-
Manage the CDLS.		OMGT-3232R	365		OMGT-3232R		OMGT-3232R		OMGT-3232R	2150, 2154, 2158,	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										2160	
Manage the COC.		OMGT-3234R	365		OMGT-3234R		OMGT-3234R		OMGT-3234R	2170, 2172, 2174, 2176	-
Manage the LMS-MT.		OMGT-3236R	365		OMGT-3236R		OMGT-3236R		OMGT-3236R	2180, 2182, 2184, 2186	-
Design network architecture		OMGT-3238R	365		OMGT-3238R		OMGT-3238R		OMGT-3238R	2030, 2035, 2040, 2045	-
Design a link architecture.		OMGT-3240R	365		OMGT-3240R		OMGT-3240R		OMGT-3240R	2850	-
Erect AN/TYQ-1(V)		OMGT-3242R	365		OMGT-3242R		OMGT-3242R		OMGT-3242R	2000	-
Ensure proper erection of TACC		OMGT-3244R	365		OMGT-3244R		OMGT-3244R		OMGT-3244R	-	-
Prepare System Embark		DEPL-3005R	730		DEPL-3005R		DEPL-3005R		DEPL-3005R	2132, 2405, 2500, 2535, 2806, 2838, 2840	-
Deploy a Maint Section ISO TACC		DEPL-3010R	730		DEPL-3010R		DEPL-3010R		DEPL-3010R	2132, 2405, 2500, 2535, 2806, 2838, 2840, 3005	-
Verify Maintenance Process	TACCINF	MMGT-3100	*	TACCINF	MMGT-3100	TACCINF		TACCINF		2500, 2540, 2710, 2748	-
Validate float process.		MMGT-3105R	1095		MMGT-3105R		MMGT-3105R		MMGT-3105R	2500, 2540, 2712	-
Funding Requirements		MMGT-3110	*		MMGT-3110					2714	-
COMSEC Handling		OMGT-3204R	730		OMGT-3204R		OMGT-3204R		OMGT-3204R	2600, 2605, 2610, 2615, 2620	-
Identify Operational requirements.		OMGT-3206R	365		OMGT-3206R		OMGT-3206R		OMGT-3206R	2804, 2806, 2832	-
Perform CBRN		OMGT-3208R	365		OMGT-3208R		OMGT-3208R		OMGT-3208R	-	-
Understand Basic Maint Section Ops		OMGT-3210R	1460		OMGT-3210R		OMGT-3210R		OMGT-3210R	2500, 2520, 2722	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Understanding Basic Maint Section Deploy Considerations		OMGT-3212R	1460		OMGT-3212R		OMGT-3212R		OMGT-3212R	2500, 2520, 2535, 2722, 2806, 2836, 3210	-
Understand Advanced Maint Section Ops		OMGT-3214R	1460		OMGT-3214R		OMGT-3214R		OMGT-3214R	2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-
Understanding Advanced Maint Section Deploy Considerations		OMGT-3216R	1460		OMGT-3216R		OMGT-3216R		OMGT-3216R	2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3214, 3242	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Understand Maint Sect Management		OMGT-3218R	1460		OMGT-3218R		OMGT-3218R		OMGT-3218R	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224,	

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										3226, 3228, 3230, 3232, 3234, 3236, 3242	
Manage network.		OMGT-3222R	365		OMGT-3222R		OMGT-3222R		OMGT-3222R	2030, 2035, 2040, 2045	-
Manage TBMCS		OMGT-3224R	365		OMGT-3224R		OMGT-3224R		OMGT-3224R	2100, 2102	-
Manage ADPE.		OMGT-3226R	365		OMGT-3226R		OMGT-3226R		OMGT-3226R	2130, 2132, 2134, 2136, 2138	-
Manage AFATDS		OMGT-3228R	365		OMGT-3228R		OMGT-3228R		OMGT-3228R	2050, 2055, 2060, 2065	-
Manage the IOS.		OMGT-3230R	365		OMGT-3230R		OMGT-3230R		OMGT-3230R	2075, 2080, 2085, 2090	-
Manage the CDLS.		OMGT-3232R	365		OMGT-3232R		OMGT-3232R		OMGT-3232R	2150, 2154, 2158,	-

MISSION SKILL (3000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
										2160	
Manage the COC.		OMGT-3234R	365		OMGT-3234R		OMGT-3234R		OMGT-3234R	2170, 2172, 2174, 2176	-
Manage the LMS-MT.		OMGT-3236R	365		OMGT-3236R		OMGT-3236R		OMGT-3236R	2180, 2182, 2184, 2186	-
Design network architecture		OMGT-3238R	365		OMGT-3238R		OMGT-3238R		OMGT-3238R	2030, 2035, 2040, 2045	-
Design a link architecture.		OMGT-3240R	365		OMGT-3240R		OMGT-3240R		OMGT-3240R	2850	-
Erect AN/TYQ-1(V)		OMGT-3242R	365		OMGT-3242R		OMGT-3242R		OMGT-3242R	2000	-
Ensure proper erection of TACC		OMGT-3244R	365		OMGT-3244R		OMGT-3244R		OMGT-3244R	-	-

CORE PLUS SKILL (4000 Phase)											
T&R EVENT INFORMATION				BASIC POI		REFRESHER POI		MAINTAIN PROFICIENCY		PREREQS	CHAINING
T&R DESCRIPTION	STAGE	CODE	REFLY	STAGE	CODE	STAGE	CODE	STAGE	CODE		
Identify the CCD		4005	*		4005					-	2005, 2010, 2020
Setup the CCD Equipment		4010R	365		4010R		4010R		4010R	4005	2005, 2010, 2020
Install CCD Software.		4015R	365		4015R		4015R		4015R	4005, 4010	-
Manage CCD.	CCD	4020R	365	CCD	4020R	CCD	4020R	CCD	4020R	4005, 4010, 4015	2005, 2010, 2020, 4010
Provide Link 11B via the CCD.		4025R	365		4025R		4025R		4025R	4005, 4010, 4015, 4020	-
Provide JREAP B/C via the CCD.		4030R	365		4030R		4030R		4030R	4005, 4010, 4015, 4020	-

3.16 T&R SYLLABUS MATRIX

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																					
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL INTRODUCTION TRAINING (1000 PHASE EVENTS)																			
TDSA	1000	MAW Function	B	E	G	-	-	D	*		2.00		0		0	-	-	-	-
TDSA	1002	MACCS Function	B	E	G	-	-	D	*		2.00		0		0	-	-	-	-
TDSA	1004	TDSA Duty at MACCS Agencies	B	E	G	-	-	D	*		2.00		0		0	-	-	-	-
TDSA	1006	Describe DII-COE Windows Systems	B	E	G	-	-	D	*		22.00		0		0	-	-	-	-
TDSA	1008	Manage DII-COE Windows Systems	B	E	G	-	-	D	*		28.00		0		0	-	-	-	-
TDSA	1010	Describe DII-COE UNIX	B	E	G	-	-	D	*		25.00		0		0	-	-	-	-
TDSA	1012	Manage DII-COE UNIX Systems	B	E	G	-	-	D	*		44.00		0		0	-	-	-	-
TDSA	1014	Describe TDS Networks	B	E	G	-	-	D	*		22.00		0		0	-	-	-	-
TDSA	1016	Config TDS Networks	B	E	G	-	-	D	*		9.00		0		0	-	-	-	-
TDSA	1018	Describe Network Operating Systems	B	E	G	-	-	D	*		13.00		0		0	-	-	-	-
TDSA	1020	Manage Network Operating Systems	B	E	G	-	-	D	*		24.00		0		0	-	-	-	-
TDSA	1022	Describe Network Security	B	E	G	-	-	D	*		7.00		0		0	-	-	-	-
TDSA	1024	Config Network Security	B	E	G	-	-	D	*		9.00		0		0	-	-	-	-
TDSA	1026	Describe CDLS Processors	B	E	G	-	-	D	*		20.00		0		0	-	-	-	-
TDSA	1028	Describe Link-11	B	E	G	-	-	D	*		6.00		0		0	-	-	-	-
TDSA	1030	Establish Link-11	B	E	G	-	-	D	*		6.00		0		0	-	-	-	-
TDSA	1032	Describe Link-11B	B	E	G	-	-	D	*		5.00		0		0	-	-	-	-
TDSA	1034	Establish Link-11B	B	E	G	-	-	D	*		6.00		0		0	-	-	-	-
TDSA	1036	Describe Link-16	B	E	G	-	-	D	*		3.00		0		0	-	-	-	-
TDSA	1038	Establish Link-16	B	E	G	-	-	D	*		3.00		0		0	-	-	-	-
TDSA	1040	Describe JREAP	B	E	G	-	-	D	*		1.00		0		0	-	-	-	-
TDSA	1042	Establish JREAP	B	E	G	-	-	D	*		2.00		0		0	-	-	-	-
TDSA	1044	Describe Intel Links	B	E	G	-	-	D	*		3.00		0		0	-	-	-	-
TDSA	1046	Establish Intel Links	B	E	G	-	-	D	*		3.00		0		0	-	-	-	-
TDSA	1048	Describe LMS-MT	B	E	G	-	-	D	*		3.00		0		0	-	-	-	-
TDSA	1050	Config LMS-MT	B	E	G	-	-	D	*		4.00		0		0	-	-	-	-
TDSA	1052	Describe IOS	B	E	G	-	-	D	*		3.00		0		0	-	-	-	-
TDSA	1054	Config IOS	B	E	G	-	-	D	*		5.00		0		0	-	-	-	-
TDSA	1056	Describe AFATDS	B	E	G	-	-	D	*		2.00		0		0	-	-	-	-
TDSA	1058	Config AFATDS	B	E	G	-	-	D	*		3.00		0		0	-	-	-	-
TDSA	1060	Describe TBMCS	B	E	G	-	-	D	*		4.00		0		0	-	-	-	-
TDSA	1062	Config TBMCS Remotes	B	E	G	-	-	D	*		4.00		0		0	-	-	-	-
TDSA	1064	Describe COC OPS Trailer	B	E	G	-	-	D	*		4.00		0		0	-	-	-	-
TDSA	1066	Install COC OPS trailer	B	E	G	-	-	D	*		6.00		0		0	-	-	-	-
TDSA	1068	Config COC OPS Trailer	B	E	G	-	-	D	*		2.00		0		0	-	-	-	-
TOTAL CORE SKILL INTRODUCTION (1000 PHASE EVENTS)										35	307.0	0	0	0	0				

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
CORE SKILL TRAINING (2000 PHASE EVENTS)																			
SHELTERS (SHEL)																			
SHEL	2000	Describe unit specific shelters.	B	-	L	-	-	-	*		0		0		10.0	2200, 2225, 2240	-	-	-
SHEL	2005	Emplace shelter.	B	-	L	-	-	-	*		0		0		2.0	2000, 2200, 2225, 2240	-	-	-
SHEL	2010	Establish grounds on unit specifc shelters.	B	-	L		-	-	*		0		0		4.0	2000, 2200, 2225, 2240	-	-	-
SHEL	2015	Cable shelter for power.	B	-	L	-	-	-	*		0		0		2.0	2000, 2010, 2200, 2225, 2240	-	-	-
SHEL	2020	Emplace and power 3-in-1 shelter.	B,R	-	L	-	-	-	365		0		0		4.0	2000, 2010, 2015, 2200, 2225, 2240	-	-	-
SHEL	2025	Emplace and power MERWS shelter.	B,R	-	L	-	-	-	365		0		0		8.0	2000, 2010, 2015, 2200, 2225, 2240	-	-	-
TOTAL SHELTERS STAGE (SHEL)										0	0	0	0	6	30				
NETWORK (NET)																			
NET	2030	Identify network equipment.	B,R	-	L	-	-	D	1460		0		0		2.0	-	-	-	-
NET	2035	Setup Network Equipment.	B,R	-	L	-	-	D	365		0		0		8.0	2030	-	-	-
NET	2040	Establish Local Area Network.	B,R	-	L	-	-	D	365		0		0		8.0	2030, 2035	-	-	-
NET	2045	Configure network security.	B,R	-	L	-	-	D	365		0		0		19.0	2030, 2035, 2040	-	-	-
TOTAL NETWORK SKILLS STAGE (NET)										0	0	0	0	4	37				
ADVANCED FIELD ARTILLERY TACTICAL DATA (AFATD)																			
AFATD	2050	Identify AFATDS	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
AFATD	2055	Setup AFATDS Equipment.	B	-	L	-	-	-	*		0		0		2.0	2050	-	-	-
AFATD	2060	Install AFATDS software.	B,R	-	L	-	-	-	365		0		0		2.0	2000, 2050, 2055, 2405, 2500, 2515, 2520, 2535, 2545, 2708, 2722, 2746, 2748, 2806, 2836, 2846, 3208, 3210, 3212, 3242	-	-	-
AFATD	2065	Configure AFATDS.	B,R	-	L	-	-	-	365		0		0		2.0	2050, 2055, 2060, 2655, 2844	-	-	-
TOTAL ADVANCED FIELD ARTILLERY TACTICAL DATA SKILLS STAGE (AFATD)										0	0	0	0	4	8				

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
INTELLIGENCE OPERATIONS SERVER (IOS)																				
IOS	2075	Identify the IOS	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
IOS	2080	Setup IOS Equipment.	B,R	-	L	-	-	-	365		0		0		2.0	2075	-	-	-
IOS	2085	Install IOS software.	B, R	-	L	-	-	-	365		0		0		2.0	2075, 2080,	-	-	-
IOS	2090	Configure IOS.	B, R	-	L	-	-	-	365		0		0		3.0	2075, 2080, 2085	-	-	-
TOTAL INTELLIGENCE OPERATIONS SERVER SKILLS STAGE (IOS)										0	0	0	0	4	9				
THEATER BATTLE MANAGEMENT CORE SYSTEM (TBMCS)																				
TBMCS	2100	Identify TBMCS.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
TBMCS	2102	Emplace TBMCS equipment.	B,R	-	L	-	-	-	1095		0		0		4.0	2100	-	-	-
TBMCS	2104	Conduct TBMCS PRE-BUILD PHASE.	B,R	-	L	-	-	-	365		0		0		3.0	2100	-	-	-
TBMCS	2106	Conduct TBMCS BUILD PHASE 1.	B,R	-	L	-	-	-	365		0		0		4.0	2100	-	-	-
TBMCS	2108	Conduct TBMCS BUILD PHASE 2.	B,R	-	L	-	-	-	365		0		0		4.0	2100	-	-	-
TBMCS	2110	Conduct TBMCS BUILD PHASE 3.	B,R	-	L	-	-	-	365		0		0		4.0	2100	-	-	-
TBMCS	2112	Conduct TBMCS BUILD PHASE 4.	B,R	-	L	-	-	-	365		0		0		6.0	2100	-	-	-
TBMCS	2114	Conduct TBMCS BUILD PHASE 5.	B,R	-	L	-	-	-	365		0		0		2.0	2100	-	-	-
TBMCS	2116	Conduct TBMCS BUILD PHASE 6.	B,R	-	L	-	-	-	365		0		0		12.0	2100	-	-	-
TBMCS	2118	Conduct TBMCS BUILD PHASE 7.	B,R	-	L	-	-	-	365		0		0		6.0	2100	-	-	-
TBMCS	2120	Conduct TBMCS BUILD PHASE 8.	B,R	-	L	-	-	-	365		0		0		2.0	2100	-	-	-
TBMCS	2122	Conduct TBMCS POST-CONFIG PHASE.	B,R	-	L	-	-	-	365		0		0		12.0	2100	-	-	-
TBMCS	2124	Conduct TBMCS PATCH INSTALL.	B,R	-	L	-	-	-	365		0		0		24.0	2100	-	-	-
TBMCS	2126	Conduct TBMCS VERIFICATION.	B,R	-	L	-	-	-	365		0		0		4.0	2100	-	-	-
TOTAL THEATER BATTLE MANAGEMENT CORE SYSTEM SKILLS STAGE (TBMCS)										0	0	0	0	14	89				
AUTOMATED DATA PROCESSING EQUIPMENT (ADPE)																				
ADPE	2130	Identify ADPE Server	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
ADPE	2132	Identify the IOW.	B,R	-	L	-	-	-	365		0		0		2.0	-	-	-	-
ADPE	2134	Setup ADPE.	B,R	-	L	-	-	-	365		0		0		2.0	2130, 2132	-	-	-
ADPE	2136	Install ADPE systems.	B	-	L	-	-	-	*		0		0		8.0	2130, 2132, 2134	-	-	-
ADPE	2138	Configure ADPE.	B,R	-	L	-	-	-	365		0		0		8.0	2130, 2132, 2134, 2136	-	-	-
ADPE	2140	Configure C2PC	B,R	-	L	-	-	-	365		0		0		8.0	-	-	-	-
TOTAL AUTOMATED DATA PROCESSING EQUIPMENT SYSTEM SKILLS STAGE (ADPE)										0	0	0	0	6	30				

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
COMMUNICATION DATA LINK SYSTEM (CDLS)																			
CDLS	2150	Identify the CDLS.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
CDLS	2152	Identify AN/USC-55A Commanders Tactical Terminal Hybrid 3.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
CDLS	2154	Setup CDLS equipment.	B,R	-	L	-	-	-	365		0		0		4.0	2170	-	-	-
CDLS	2156	Setup CTT Equipment.	B,R	-	L	-	-	-	365		0		0		2.0	2152	-	-	-
CDLS	2158	Install CDLS Software.	B,R	-	L	-	-	-	365		0		0		2.0	2150, 2154	-	-	-
CDLS	2160	Configure the CDLS.	B,R	-	L	-	-	-	365		0		0		4.0	2150, 2154, 2158	-	-	-
TOTAL COMMUNICATION DATA LINK SYSTEM SKILLS STAGE (CDLS)										0	0	0	0	6	16				
COMBAT OPERATIONS CENTER (COC)																			
COC	2170	Identify the COC.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
COC	2172	Setup the COC.	B,R	-	L	-	-	-	365		0		0		8.0	2170	-	-	-
COC	2174	Install COC software.	B,R	-	L	-	-	-	365		0		0		8.0	2170, 2172	-	-	-
COC	2176	Configure the COC operations trailer.	B,R	-	L	-	-	-	365		0		0		2.0	2170, 2172, 2174	-	-	-
TOTAL COMBAT OPERATIONS CENTER SKILLS STAGE (COC)										0	0	0	0	4	20				
LINK MANAGEMENT SYSTEM MULTI TADIL (LMSMT)																			
LMSMT	2180	Identify the LMS-MT.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
LMSMT	2182	Setup the LMS-MT equipment.	B,R	-	L	-	-	-	365		0		0		4.0	2180	-	-	-
LMSMT	2184	Install LMS-MT software.	B,R	-	L	-	-	-	365		0		0		2.0	2180, 2182	-	-	-
LMSMT	2186	Configure the LMS-MT.	B,R	-	L	-	-	-	365		0		0		4.0	2180, 2182, 2184	-	-	-
TOTAL LINK MANAGEMENT SYSTEM MULTI TADIL SKILLS STAGE (LMSMT)										0	0	0	0	4	12				
TEST MEASUREMENT DIAGNOSTICS EQUIPMENT (TMDE)																			
TMDE	2200	Utilize Multi-meter.	B		L	-	-	D	*		0		0		1.0	MCI 287A	-	-	-
TMDE	2225	Utilize Ground Tester.	B		L	-	-	D	*		0		0		2.0	MCI 287A	-	-	-
TMDE	2240	Utilize Twisted Pair Tester	B		L	-	-	D	*		0		0		2.0	MCI 287A	-	-	-
TOTAL CORE SKILL TEST MEASUREMENT DIAGNOSTIC EQUIPMENT STAGE (TMDE)										0	0	0	0	3	5				
MAINTENANCE (MAINT)																			
PMCM	2400	Induct Equipment Into Maint Cycle	B	-	L	-	-	-	*		0		0		2	-	-	-	-
PMCM	2405	Conduct SI-3 Inventory	B	-	L	-	-	-	*		0		0		2	-	-	-	-
PMCM	2475	Indetify Purpose of PM	B	-	L	-	-	-	*		0		0		1.5	-	-	-	-
PMCM	2480	Conduct Preventative Maintenance Checks and Services (PMCS)	B	-	L	-	-	-	*		0		0		8.0	-	-	-	-
PMCM	2485	Initiate Corrective Maintenance (CM).	B	-	L	-	-	-	*		0		0		2.0	2480	-	-	-
TOTAL MAINTENANCE SKILLS STAGE (MAINT)										0	0	0	0	5	16				

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
COLLATERAL DUTIES (CD)																			
CD	2500	Maintenance Collateral Duties	B	-	L	-	-	-	*		0		0		8.0	-	-	-	-
CD	2505	Identify Calibration Program	B	-	L	-	-	-	*		0		0		1.0	2500, MCI 287A	-	-	-
CD	2510	Maintenance Mod Program	B	-	L	-	-	-	*		0		0		2.0	2500	-	-	-
CD	2515	Maintenance Tool Control Program	B	-	L	-	-	-	*		0		0		2.0	2500	-	-	-
CD	2520	Maintenance Pub Library Program	B	-	L	-	-	-	*		0		0		2.0	2500	-	-	-
CD	2525	Maintenance Safety Prog	B	-	L	-	-	-	*		0		0		2.0	2500	-	-	-
CD	2530	MSDS	B	-	L	-	-	-	*		0		0		2.0	2500	-	-	-
CD	2535	Embarkation Elements	B	-	L	-	-	-	*		0		0		3.0	2500	-	-	-
CD	2540	MIMMS Forms	B,R	-	L	-	-	-	365		0		0		2.0	2500, MCI 0410C	-	-	-
CD	2545	Equipment Record Jacket	B	-	L	-	-	-	*		0		0		1	2500	-	-	-
TOTAL COLLATERAL DUTIES SKILLS STAGE (CD)										0	0	0	0	10	25				
COMMUNICATIONS SECURITY (COMSEC)																			
COMSEC	2600	Describe handling and storage of classified materials.	B,R	-	L	-	-	-	365		0		0		2.0	MCI 2525B	-	-	-
COMSEC	2605	Familiar with physical security requirements	B,R	-	L	-	-	-	365		0		0		2.0	MCI 2525B	-	-	-
COMSEC	2610	Conduct crew change over security procedures.	B,R	-	L	-	-	-	365		0		0		2.0	MCI 2525B, 2000	-	-	-
COMSEC	2615	Extract key material information from EKMS COMSEC callout.	B,R	-	L	-	-	-	365		0		0		2.0	MCI 2525B, 2000	-	-	-
COMSEC	2620	Utilize Simple Key Loader (SKL)	B,R	-	L	-	-	-	365		0		0		2.0	MCI 2525B, 2000, 2010, 2015	-	-	-
TOTAL COMMUNICATIONS SECURITY SKILLS STAGE (COMSEC)										0	0	0	0	5	10				
FAMILIARIZATION (FAM)																			
FAM	2655	State HF, VF, and UHF frequency spectrums.	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
FAM	2660	Describe HF, VF, UHF radio characteristics.	B,R	-	L	-	-	-	1460		0		0		2.0	-	-	-	-
FAM	2665	Install Earth Ground	B	-	L	-	-	-	*		0		0		2.0	2225	-	-	-
TOTAL FAMILIARIZATION SKILLS STAGE (FAM)										0	0	0	0	3	6				
MAINTENANCE MANAGEMENT (MMGT)																			
MMGT	2700	Identify TFSMS Process	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
MMGT	2702	Equipment Disposition	B	-	L	-	-	-	*		0		0		3.0	2000, 2405, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
MMGT	2704	PMCS Schedule	B	-	L	-	-	-	*		0		0		1.0	2000, 2475, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-	-	-
MMGT	2706	Inventory Control Procedures	B,R	-	L	-	-	-	1460		0		0		1.5	2405, 2500, 2515, 2545	-	-	-
MMGT	2708	ID functions of Maint Management	B	E	L	-	-	-	*		0		0		13.0	2500	-	-	-
MMGT	2710	Reconcile MIMMS AIS Rpt	B,R	-	L	-	-	-	365		0		0		4.0	2000, 2405, 2500, 2515, 2520, 2535, 2545, 2722, 2806, 2836, 3208, 3210, 3212, 3242, MCI 0410, MCI 0414	-	-	-
MMGT	2712	Identify Float Process	B,R	-	L	-	-	-	1460		0		0		2.0	2100, 2112, MCI 0410	-	-	-
MMGT	2714	Define Major funding lines	B,R	-	L	-	-	-	1460		0		0		2.0	-	-	-	-
MMGT	2716	New equipment inducting process	B	-	L	-	-	-	*		0		0		2.0	2400, 2500, 2540, 2545, MCI 0410	-	-	-
MMGT	2718	Phase out equipment process	B	-	L	-	-	-	*		0		0		2.0	2000, 2405, 2500, 2520, 2535, 2540, 2545, 2704, 2722, 2806, 2836, 3208, 3210, 3212, 3242, MCI 0410	-	-	-
MMGT	2720	Conduct QA Inspection	B,R	-	L	-	-	-	1460		0		0		2.0	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2530, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840,	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																		
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242			
MMGT	2722	Inspect Maint Functional Areas	B,R	-	L	-	-	-	1460		0		0		16.0	2500, 2520	-	-	-
MMGT	2724	Submit TOECR	B	-	L	-	-	-	*		0		0		16.0	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2530, 2535, 2600, 2605, 2610, 2615, 2620, 2700, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242	-	-	-
MMGT	2726	Urgent Needs Process	B	-	L	-	-	-	*		0		0		2.0	2806	-	-	-
MMGT	2728	Develop Budget	B,R	-	L	-	-	-	1460		0		0		16.0	2714	-	-	-
MMGT	2730	CMR Review	B,R	-	L	-	-	-	1460		0		0		40.0	2000, 2400, 2405, 2500, 2520, 2535, 2540, 2545, 2704, 2716, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-	-	-
MMGT	2732	Maintain Publication Library	B	-	L	-	-	-	*		0		0		2.0	2500, 2520	-	-	-
MMGT	2734	Maintain Safety Procedures	B	-	L	-	-	-	*		0		0		1.0	2500, 2525	-	-	-
MMGT	2736	Maintain Calabration Procedures	B	-	L	-	-	-	*		0		0		1.0	2500, 2505, MCI 287	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
MMGT	2738	Maintain MIMMS Procedures	B	-	L	-	-	-	*		0		0		2.0	2500, 2540, MCI 0410	-	-	-
MMGT	2740	CCI Procedures Implemented	B	-	L	-	-	-	*		0		0		1.0	2600, 2605, 2610, 2615, 2620	-	-	-
MMGT	2742	Ensure PMCS on TACC	B	-	L	-	-	-	*		0		0		1.0	2000, 2475, 2480, 2500, 2520, 2535, 2540, 2545, 2704, 2716, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-	-	-
MMGT	2744	Maintain Equipment Records	B	-	L	-	-	-	*		0		0		1.0	2500, 2545	-	-	-
MMGT	2746	Command Level Brief	B,R	-	L	-	-	-	365		0		0		4.0	-	-	-	-
MMGT	2748	Inventory Control Procedures	B,R	-	L	-	-	-	1460		0		0		1.5	2000, 2405, 2500, 2515, 2520, 2535, 2545, 2708, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-	-	-
MMGT	2750	UURI AUTORIZATION LETTER	B	-	L		-	-	*		0		0		2.0	-	-	-	-
MMGT	2752	WIR PROCEDURES	B	-	L		-	-	*		0		0		2.0	-	-	-	-
MMGT	2754	MAINT CYCLE EXT LETTER	B	-	L		-	-	*		0		0		2.0	-	-	-	-
MMGT	2756	PQDR PROCEDURES	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
TOTAL MAINTENANCE MANAGEMENT SKILLS STAGE (MMGT)										0	0	0	0	29	147				
OPERATIONS MANAGEMENT (OMGT)																			
OMGT	2802	Key Planning Documents	B	E	L	-	-	-	*		0		0		2.0	-	-	-	-
OMGT	2804	Elements of an Op Order	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
OMGT	2806	Mission Equipment Requirements	B,R	-	L	-	-	-	365		0		0		2.0	-	-	-	-
OMGT	2830	Conduct a site survey	B,R	-	L	-	-	-	1460		0		0		4.0	-	-	-	-
OMGT	2832	Crew Requirements	B,R	-	L	-	-	-	365		0		0		2.0	-	-	-	-
OMGT	2834	Supply Support Requirement	B	-	L	-	-	-	*		0		0		3.0	2806	-	-	-
OMGT	2836	Develop Embarkation Plan	B	-	L	-	-	-	*		0		0		1.5	2806	-	-	-
OMGT	2838	EDL	B,R	-	L	-	-	-	1460		0		0		8.0	2806	-	-	-
OMGT	2840	IOW Embarkation	B,R	-	L	-	-	-	1460		0		0		2.0	2132, 2806	-	-	-
OMGT	2842	Power Requirements	B,R	-	L	-	-	-	365		0		0		4.0	2806	-	-	-
OMGT	2844	Submit Frequency Request	B	-	L	-	-	-	*		0		0		1.0	2655	-	-	-
OMGT	2846	Logistics Support Request (LSR)	B	-	L	-	-	-	*		0		0		1.0	2806	-	-	-
OMGT	2848	Bill of Material (BOM)	B,R	-	L	-	-	-	1460		0		0		2.0	2806	-	-	-
OMGT	2850	Administering the network	B,R	-	L	-	-	-	365		0		0		12.0	-	-	-	-
OMGT	2852	Verify TDS Operational	B,R	-	L	-	-	-	365		0		0		12.0	-	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
OMGT	2854	Perform Security Administration	B,R	-	L	-	-	-	365		0		0		12.0	-	-	-	-
OMGT	2856	Provide Link 11 HF via the CDLS	B,R	-	L	-	-	-	365		0		0		6.0	2150, 2154, 2158, 2160	-	-	-
OMGT	2858	Provide Link 11B via the CDLS	B,R	-	L	-	-	-	365		0		0		6.0	2150, 2154, 2158, 2160	-	-	-
OMGT	2860	Provide Link 16 via the CDLS	B,R	-	L	-	-	-	365		0		0		4.0	2150, 2154, 2158, 2160	-	-	-
OMGT	2862	Provide JREAP B/C via the CDLS	B,R	-	L	-	-	-	365		0		0		6.0	2150, 2154, 2158, 2160	-	-	-
OMGT	2864	Provide intelligence links	B,R	-	L	-	-	-	365		0		0		6.0	2152, 2156	-	-	-
OMGT	2866	Provide Link 11B via the LMSMT	B,R	-	L	-	-	-	365		0		0		6.0	2180, 2182, 2184, 2186	-	-	-
OMGT	2868	Provide Link 16 via the LMSMT	B,R	-	L	-	-	-	365		0		0		6.0	2180, 2182, 2184, 2186	-	-	-
OMGT	2870	Provide Link JREAP B/C via the LMSMT	B,R	-	L	-	-	-	365		0		0		6.0	2180, 2182, 2184, 2186	-	-	-
OMGT	2872	Provide Link 11 UHF via the CDLS.	B,R	-	L	-	-	-	365		0		0		4.0	2150, 2154, 2158, 2160	-	-	-
OMGT	2874	Provide JREAP A via the CDLS.	B,R	-	L	-	-	-	365		0		0		4.0	2150, 2154, 2158, 2160	-	-	-
OMGT	2876	Provide JREAP A via the LMS-MT.	B,R	-	L	-	-	-	365		0		0		4.0	2180, 2182, 2184, 2186	-	-	-
TOTAL OPERATIONS MANAGEMENT SKILLS STAGE (OMGT)										0	0	0	0	27	129				
ORGANIZATIONAL STRUCTURE (ORGS)																			
ORGS	2900	Identify MACS	B	-	L	-	-	-	*		0		0		4.0	8004, 8005	-	-	-
ORGS	2905	Identify MATC Air Stations	B	-	L	-	-	-	*		0		0		2.0	8005	-	-	-
ORGS	2910	Identify MASS	B	-	L	-	-	-	*		0		0		2.0	8003	-	-	-
ORGS	2915	Identify MTACS	B	-	L	-	-	-	*		0		0		2.0	8002	-	-	-
ORGS	2920	Identify LAAD	B	-	L	-	-	-	*		0		0		2.0	8006	-	-	-
ORGS	2925	Identify VMU	B	-	L	-	-	-	*		0		0		2.0	8007	-	-	-
ORGS	2930	Identify MWCS	B	-	L	-	-	-	*		0		0		2.0	8008	-	-	-
ORGS	2935	Identify MWSS	B	-	L	-	-	-	*		0		0		2.0	8028	-	-	-
ORGS	2940	Identify MLG support sections	B	-	L	-	-	-	*		0		0		2.0	-	-	-	-
ORGS	2945	HHQ Mission and Support Agencies	B	E	L	-	-	-	*		0		0		2.0	8001, 8063	-	-	-
ORGS	2950	MACCS OV (ADD)	B,R	-	L	-	-	-	1460		0		0		4.0	8000, 8028, 8063	-	-	-
TOTAL ORGANIZATIONAL STRUCTURE SKILLS STAGE (ORGS)										0	0	0	0	11	26				
TOTAL CORE SKILL PHASE (2000 PHASE)										0	0	0	0	159	614				

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
MISSION SKILL TRAINING (3000 PHASE EVENTS)																				
TACC OPERATIONS AND TACC INFRASTRUCTURE SKILL TRAINING EVENTS (TACCOPS) AND (TACCINF)																				
DEPL	3005	Prepare System Embark	B,R	-	L	-	-	-	730		0		0		8.0	2132, 2405, 2500, 2535, 2806, 2838, 2840	-	-	-
DEPL	3010	Deploy a Maint Section ISO TACC	B,R	-	L	-	-	-	730		0		0		8.0	2132, 2405, 2500, 2535, 2806, 2838, 2840, 3005	-	-	-
MMGT	3100	Verify Maintenance Process	B	-	L	-	-	-	*		0		0		2.0	2500, 2540, 2710, 2748	-	-	-
MMGT	3105	Validate float process.	B,R	-	L	-	-	-	1095		0		0		2.0	2500, 2540, 2712	-	-	-
MMGT	3110	Funding Requirements	B	-	L	-	-	-	*		0		0		3.0	2714	-	-	-
OMGT	3204	COMSEC Handling	B,R	-	L	-	-	-	730		0		0		1.0	2600, 2605, 2610, 2615, 2620	-	-	-
OMGT	3206	Identify Operational requirements.	B,R	-	L	-	-	-	365		0		0		40.0	2804, 2806, 2832	-	-	-
OMGT	3208	Perform CBRN	B,R	-	L	-	-	-	365		0		0		5.0	-	-	-	-
OMGT	3210	Understand Basic Maint Section Ops	B,R	-	L	-	-	-	1460		0		0		2.0	2500, 2520, 2722	-	-	-
OMGT	3212	Understanding Basic Maint Section Deploy Considerations	B,R	-	L	-	-	-	1460		0		0		2.0	2500, 2520, 2535, 2722, 2806, 2836, 3210	-	-	-
OMGT	3214	Understand Advanced Maint Section Ops	B,R	-	L	-	-	-	1460		0		0		3.0	2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3242	-	-	-
OMGT	3216	Understanding Advanced Maint Section Deploy Considerations	B,R	-	L	-	-	-	1460		0		0		3.0	2000, 2500, 2520, 2535, 2722, 2806, 2836, 3208, 3210, 3212, 3214, 3242	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
OMGT	3218	Understand Maint Sect Management	B,R	-	L	-	-	-	1460		0		0		4.0	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2530, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242	-	-	-
OMGT	3222	Manage network.	B,R	-	L	-	-	-	365		0		0		4.0	2030, 2035, 2040, 2045	-	-	-
OMGT	3224	Manage TBMCS	B,R	-	L	-	-	-	365		0		0		12.0	2100, 2102	-	-	-
OMGT	3226	Manage ADPE.	B,R	-	L	-	-	-	365		0		0		2.0	2130, 2132, 2134, 2136, 2138	-	-	-
OMGT	3228	Manage AFATDS	B,R	-	L	-	-	-	365		0		0		2.0	2050, 2055, 2060, 2065	-	-	-
OMGT	3230	Manage the IOS.	B,R	-	L	-	-	-	365		0		0		2.0	2075, 2080, 2085, 2090	-	-	-
OMGT	3232	Manage the CDLS.	B,R	-	L	-	-	-	365		0		0		4.0	2150, 2154, 2158, 2160	-	-	-
OMGT	3234	Manage the COC.	B,R	-	L	-	-	-	365		0		0		8.0	2170, 2172, 2174, 2176	-	-	-
OMGT	3236	Manage the LMS-MT.	B,R	-	L	-	-	-	365		0		0		4.0	2180, 2182, 2184, 2186	-	-	-
OMGT	3238	Design network architecture	B,R	-	L	-	-	-	365		0		0		4.0	2030, 2035, 2040, 2045	-	-	-
OMGT	3240	Design a link architecture.	B,R	-	L	-	-	-	365		0		0		2.0	2850	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
OMGT	3242	Erect AN/TYQ-1(V)	B,R	-	L	-	-	-	365		0		0		2.0	2000	-	-	-
OMGT	3244	Ensure proper erection of TACC	B,R	-	L	-	-	-	365		0		0		12.0	-	-	-	-
TOTAL TACC OPERATIONS AND TACC INFRASTRUCTURE SKILLS STAGE (TACCOPS) AND (TACCINF)										0	0	0	0	23	141				
TOTAL MISSION SKILL PHASE (3000 PHASE)										0	0	0	0	16	141				
MISSION PLUS SKILL TRAINING (4000 PHASE EVENTS)																			
COMMON CONNECTIVITY DEVICE (CCD)																			
CCD	4005	Identify the CCD	B	-	L	-	-	-	*		0		0		2.0	-	-	2005, 2010, 2020	-
CCD	4010	Setup the CCD Equipment	B,R	-	L	-	-	-	365		0		0		4.0	4005	-	2005, 2010, 2020	-
CCD	4015	Install CCD Software.	B,R	-	L	-	-	-	365		0		0		2.0	4005, 4010	-	-	-
CCD	4020	Manage CCD.	B,R	-	L	-	-	-	365		0		0		2.0	4005, 4010, 4015	-	2005, 2010, 2020, 4010	-
CCD	4025	Provide Link 11B via the CCD.	B,R	-	L	-	-	-	365		0		0		4.0	4005, 4010, 4015, 4020	-	-	-
CCD	4030	Provide JREAP B/C via the CCD.	B,R	-	L	-	-	-	365		0		0		4.0	4005, 4010, 4015, 4020	-	-	-
TOTAL COMMON CONNECTIVITY DEVICE SKILLS STAGE (CCD)										0	0	0	0	6	18				
TOTAL MISSION PLUS SKILL PHASE (4000 PHASE)										0	0	0	0	6	18				
TOTAL 2000, 3000, AND 4000 PHASE										0	0	0	0	181	773				
INSTRUCTOR TRAINING (5000 PHASE EVENTS)																			
INSTRUCTOR UNDER TRAINING (IUT)																			
BASIC INSTRUCTOR (BI)																			
IUT	5000	Introduce principles of instruction	B	-	G	-	-	D	*		0		0		2	Recommended by SI or WTI	-	-	-
IUT	5010	Understand the structure of an event	B	-	G	-	-	D	*		0		0		1	Recommended by SI or WTI	-	-	-
IUT	5020	Conduct a period of instruction on a T&R event	B	-	G	-	-	D	*		0		0		2	Recommended by SI or WTI	-	-	-
TOTAL BASIC INSTRUCTOR SKILLS STAGE (BI)										0	0	0	0	3	5				

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
SENIOR INSTRUCTOR (SI)																			
IUT	5100	Understand Aviation T&R program	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	-
IUT	5110	Understand Applicable Community T&R	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	-
IUT	5120	Understand T&R Administration	B	-	G	-	-	D	*		0		0		2	5000, 5010, 5020, 6320	-	-	-
IUT	5130	Develop a training plan	B,R	-	G	-	-	D	365		0		0		2	5000, 5010, 5020, 6320	-	-	-
TOTAL SENIOR INSTRUCTOR SKILLS STAGE (SI)										0	0	0	0	4	8				
TOTAL INSTRUCTOR UNDER TRAINING SKILLS PHASE (IUT)										0	0	0	0	####	#REF!				
REQUIREMENTS, QUALIFICATIONS, CERTIFICATIONS, AND DESIGNATIONS (RQCD) (6000 PHASE)																			
QUALIFICATIONS (QUAL)																			
QUAL	6475	C2SM	B,R	E	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2130, 2132, 2134, 2136, 2138, 2140, 2170, 2172, 2174, 2176, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3228, 3230, 3234	-	-	-
QUAL	6480	WTF	B,R	E	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2030, 2035, 2040, 2045, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3222	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6485	TBSA	B,R	E	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2100, 2102, 2104, 2106, 2108, 2110, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2126, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 3224	-	-	-
QUAL	6490	TDLA	B,R	E	L	-	-	-	1095		0		0		8	2000, 2005, 2010, 2015, 2020, 2025, 2150, 2152, 2154, 2156, 2158, 2160, 2180, 2182, 2184, 2186, 2200, 2225, 2240, 2600, 2605, 2610, 2615, 2620, 2714, 2728, 2744, 2856, 2858, 2860, 2862, 2864, 2866, 2868, 2870, 3232, 3236	-	-	-
QUAL	6500	TDSBT	B,R	E	L	-	-	-	1095		0		0		8	2000, 2500, 2520, 2535, 2722, 2756, 2806, 2836, 3208, 3210, 3212, 3242	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																			
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
QUAL	6505	TDSAT	B,R	E	L	-	-	-	1095		0		0		8	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2532, 2535, 2600, 2605, 2610, 2615, 2620, 2708, 2722, 2750, 2752, 2754, 2804, 2806, 2832, 2836, 2838, 2840, 3005, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3242	-	-	-
TOTAL QUALIFICATIONS STAGE (QUAL)										0	0	0	0	4	16				
DESIGNATIONS (DESG)																			
DESG	6320	Basic Instructor (BI)	B	-	L	-	-	-	*		0		0		0	5000, 5010, 5020	-	-	-
DESG	6321	Senior Instructor (SI)	B	-	L	-	-	-	*		0		0		0	5000, 5010, 5020, 5100, 5110, 5120, 5130, 6320	-	-	-
DESG	6510	TDSACC	B	-	L	-	-	-	*		0		0		0	2030, 2035, 2040, 2045, 2850, 3208, 3238, 3240, 8000, 8020	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX

STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
DESG	6515	TACC MC	B	-	L	-	-	-	*		0		0		0	2000, 2030, 2035, 2040, 2045, 2050, 2055, 2060, 2065, 2075, 2080, 2085, 2090, 2100, 2102, 2130, 2132, 2134, 2136, 2150, 2152, 2154, 2158, 2160, 2170, 2172, 2174, 2176, 2180, 2182, 2184, 2186, 2405, 2500, 2515, 2520, 2530, 2535, 2540, 2600, 2605, 2610, 2615, 2620, 2708, 2710, 2712, 2714, 2722, 2738, 2804, 2806, 2832, 2836, 2838, 2840, 2850, 3005, 3100, 3105, 3110, 3204, 3206, 3208, 3210, 3212, 3214, 3216, 3218, 3222, 3224, 3226, 3228, 3230, 3232, 3234, 3236, 3238, 3240, 3242, 3244, 8060, 8080, MCI 0410, MCI 0414, SCHL-6020, SCHL-6021	-	-	-
DESG	6550	SAFETY CD	B	-	L	-	-	-	*		0		0		2	2500, 2525, 2530	-	-	-
DESG	6555	HAZMAT CD	B	-	L	-	-	-	*		0		0		2	2500, 2525, 2530	-	-	-
DESG	6560	PUB CD	B	-	L	-	-	-	*		0		0		2	2500, 2520	-	-	-
DESG	6565	TRAINING CD	B	-	L	-	-	-	*		0		0		2	2500	-	-	-
DESG	6570	TOOLS CD	B	-	L	-	-	-	*		0		0		2	2500, 2515, 2545	-	-	-
DESG	6575	CAL CD	B	-	L	-	-	-	*		0		0		2	2500, 2505, 2545, MCI 287	-	-	-
DESG	6580	MOD CD	B	-	L	-	-	-	*		0		0		2	2500, 2510, 2545	-	-	-
DESG	6585	EMBARK CD	B	-	L	-	-	-	*		0		0		2	2500, 2535, 2545	-	-	-
DESG	6590	MIMMS CD	B	-	L	-	-	-	*		0		0		2	2500, 2540, 2545, MCI	-	-	-

MTACS MAINTENANCE MOS 5974 T&R SYLLABUS MATRIX																				
STAGE	EVENT		POI	E	DEVICE			COND	REFLY	GROUND/ ACADEMIC EVENTS		SIM EVENTS		LIVE EVENTS		PREREQ	NOTES	CHAIN	EVENT CONV
	CODE	TITLE			TYPE	#	OPTION			#	TIME	#	TIME	#	TIME				
																0410			
DESG	6595	QC CD	B	-	L	-	-	-	*		0		0		2	2500	-	-	-
TOTAL DESIGNATIONS STAGE (DESG)										0	0	0	0	15	20				
TOTAL REQUIREMENTS, QUALIFICATIONS, CERTIFCATIONS, AND DESIGNATIONS PHASE (RQCD)										0	0	0	0	19	36				

3.17 SYLLABUS EVALUATION FORMS. See paragraph 208.8 in this chapter. The MACCS Training Form (MTF) is located in the C3 Course Catalog and available online at the MAWTS-1 C-3 website,

https://www.intranet.tecom.usmc.mil/sites/mawts1/mawts1%20webpages/c3_wttp.aspx

3.18 TRAINING DEVICE EVENT ESSENTIAL SUBSYSTEMS MATRIX (EESM). NONE