

CHAPTER THIRTEEN

COMMUNICATIONS

SUPPLEMENTARY COURSES

MWCS - ACADEMIC SUPPORT PACKAGE

Course Objective: To provide the MWCS personnel with additional ground training as required by MCO P3500.14.

Length: 33 classroom hours

Notes:

1. The Academic Support Package (ASP) is developed by MAWTS-1 and intended for instruction by a WTI or other qualified squadron instructor. The Academic Syllabus shall be integrated into the combat ready (9 hours of academic instruction), combat qualified (16 hours of academic instruction) and fully combat qualified stages of training (8 hours of academic instruction).
2. All classes listed below in the academic syllabus are available on either the secret (S) or unclassified (U) versions of the MAWTS-1 ASP

Academic Syllabus:

1. The following syllabus supports the 200-level (Combat Ready) phase of training:
 - a. In direct support of the Company Training Stage, the following academic syllabus shall be completed:
 - (1) Self-Paced Readings:
 - (a) MCWP 6-22, Communication & Information Systems
 - (b) MCWP 3-25.12, MWCS Handbook
 - (c) AFTTP 3-1.2 Chapter 11, Threat Reference Guide, Electronic Warfare
 - (2) Lectures:
 - (a) **Prior to Stage Initiation:**
 1. C3 Communications Control C3 ASP
 2. C3 MACCS Communications C3 ASP
 - (b) **Prior to Stage Completion:**
 1. C3 MACCS Information Flow C3 ASP
 2. C3 Marine Wing Comm Squadron C3 ASP
 - (3) Chalk Talks: N/A

- b. In general support of the Combat Ready Phase, the following academic syllabus should be completed:

(1) Lectures:

- | | |
|--|------------------------|
| (a) MAWTS-1 REC Threat to the MAGTF | GENERIC CLASSIFIED ASP |
| (b) C3 MACCS EP Capabilities | C3 ASP |
| (c) C3 OAS Communications | C3 ASP |
| (d) C3 Assault Support Communications | C3 ASP |
| (e) C3 Anti-Air Warfare Communications | C3 ASP |

2. The following syllabus supports the 300-level (Combat Qualified) phase of training:

- a. In direct support of the Squadron Training Stage, the following academic syllabus shall be completed:

(1) Self-Paced Readings:

- (a) MCWP 3-25.3 MACCS Handbook
- (b) MCWP 3-25.4 TACC Handbook
- (c) MCWP 3-25.5 DASC Handbook
- (d) MCWP 3-25.7 TAOC Handbook
- (e) MCWP 3-25.8 MATCD Handbook
- (f) MCWP 3-25.10 LAAD BN Handbook

(2) Lectures:

(a) **Prior to Stage Completion:**

- | | |
|--|-------------|
| 1. MAWTS-1 TAOC | GENERIC ASP |
| 2. MAWTS-1 DASC | GENERIC ASP |
| 3. C3 Regional Air Defense Commander | C3 ASP |
| 4. C3 Marine Air Traffic Control | C3 ASP |
| 5. C3 UAV Operational Principles
& Employment | C3 ASP |
| 6. C3 MAGTF GBAD | C3 ASP |
| 7. C3 MMT Operations | C3 ASP |
| 8. C3 Tactical Air Command Center | C3 ASP |

(3) Chalk Talks: N/A

- b. In general support of the Combat Qualified Phase, the following academic syllabus should be completed:

(1) Lectures:

- | | |
|--|------------------------|
| (a) MAWTS-1 Fixed Wing Threat to the MAGTF | GENERIC CLASSIFIED ASP |
| (b) MAWTS-1 Rotary Wing Threat to the MAGTF | GENERIC CLASSIFIED ASP |
| (c) MAWTS-1 Surface to Air Threat to the MAGTF | GENERIC CLASSIFIED ASP |
| (d) MAWTS-1 Missile & UAV Threat to the MAGTF | GENERIC CLASSIFIED ASP |
| (e) MAWTS-1 Armor Threat to the MAGTF | GENERIC ASP |
| (f) MAWTS-1 Intelligence Prep of the Battlefield | GENERIC ASP |
| (g) C3 Passive Air Defense in the MACCS | C3 ASP |
| (h) C3 Base Defense Zone | C3 ASP |

3. The following syllabus supports the 400-level (Full Combat Qualified) phase of training:

a. In direct support of the Reinforce Squadron Stage, the following academic syllabus shall be completed:

(1) Self-Paced Readings:

- (a) CJCSM 6231.01B Manual for Employing Joint Tactical Communications
- (b) CJCSM 6231.02A Manual for Employing Joint Tactical Communications, Joint Voice Communications Systems
- (c) CJCSM 6231.04A Manual for Employing Joint Tactical Communications, Joint Transmission Systems
- (d) JP 3-0 Doctrine for Joint Operations
- (e) JP 3-13.1 Joint Doctrine for C2W
- (f) JP 3-51 Joint Doctrine for Electronic Warfare
- (g) JP 3-56.1 Command & Control for Joint Air Operations
- (h) JP 6-0 Doctrine for C4 System Support to Joint Operations
- (i) JP 6-02 Joint Doctrine for Employment of Operational/Tactical C4 Systems
- (j) Joint Communications Support Element C4I Planners Guide
- (k) MCWP 3-25.2 TAGS

(2) Lectures:

(a) **Prior to Stage Completion:**

- | | |
|---|--------|
| 1. C3 Information Management & Connectivity | C3 ASP |
|---|--------|

(3) Chalk Talks: N/A

b. In general support of the Full Combat Qualified Phase, the following academic syllabus should be completed:

(1) Lectures:

- | | |
|---------------------------------------|------------------------|
| (a) MAWTS-1 Joint Air Operations | GENERIC ASP |
| (b) MAWTS-1 Theater Air Ground System | GENERIC ASP |
| (c) MAWTS-1 EW Employment | GENERIC CLASSIFIED ASP |
| (d) MAWTS-1 ATARS Employment | GENERIC ASP |
| (e) C3 Theater Missile Defense | C3 CLASSIFIED ASP |
| (f) C3 NSD ISO Marine Aviation | C3 CLASSIFIED ASP |

MWCS - TRAINING SYLLABUS

EVENT	DATE	INSTRUCTOR
COMBAT READY		
COMMUNICATIONS CONTROL		
MACCS COMMUNICATIONS		
MACCS INFORMATION FLOW		
MARINE WING COMMUNICATIONS SQDN		
GENERAL SUPPORT LECTURES		
REC THREAT TO THE MAGTF		
MACCS EP		
OAS COMMUNICATIONS		
ASSAULT SUPPORT		
ANTI-AIR WARFARE		
COMBAT QUALIFIED		
TACTICAL AIR COMMAND CENTER		
DIRECT AIR SUPPORT CENTER		
REGIONAL AIR DEFENSE		
TACTICAL AIR OPERATIONS CENTER		
MARINE AIR TRAFFIC CONTROL		
UAV OP PRINCIPLES & EMPLOYMENT		
MAGTF GBAD		
MMT OPERATIONS		
GENERAL SUPPORT LECTURES		
FIXED WING THREAT TO THE MAGTF		
ROTARY WING THREAT TO THE MAGTF		
SURFACE TO AIR THREAT TO THE MAGTF		
MISSILE & UAV THREAT TO THE MAGTF		
ARMOR THREAT TO THE MAGTF		
INTELLIGENCE PREP OF THE BATTLEFIELD		
PASSIVE AIR DEFENSE IN THE MACCS		
FULL COMBAT QUALIFIED		
INFO MGMT & CONNECTIVITY		
GENERAL SUPPORT LECTURES		
JOINT AIR OPERATIONS		
THEATER AIR GROUND SYSTEM		
EW EMPLOYMENT		
ATARS EMPLOYMENT		
THEATER MISSILE DEFENSE		
BASE DEFENSE ZONE		
NSD ISO MARINE AVIATION		

NAME: _____

SSN: _____